졸업연도	연번	논문제목	수학	게재학술지명	학술지 구분	ISSN/ISBN/e-ISSN	DOI	학술대회발표구분	권	호	쪽	연월(YYYYMM)	주저자수(m)	기타저자 수(n)	총저자수	졸업생성명	저자구분	졸업생 학위구분	환산편수	보정피인용수	환산보정피인용수	IF	보정 IF	환산 보정 IF(X)	ES	보정	환산
2017년	1	The Degree of Consideration-based Mechanism of Thought and Its Application to Artificial Creatures for Behavior Selection		tional Intellig	SCI(E)	1556-603X	10.1109/MCI.2011.2176999		7	1	49	201202	1	3	4	고우리	기타저자	박사	0.1666	2	0.3332	5.857	0.848	0.1413	0.0019	0.0763	0.0127
2017년	2	On the Optimal Switching Probability for a Hybrid Cognitive Radio System		ON WIRELES	SCI(E)	1536-1276	10.1109/TWC.2013.022213.120311		12	4	1594	201304	2	1	3	송호진	주저자	박사	0.4	1.93	0.772	6.394	0.97	0.388	0.0584	1.7837	0.7135
2017년	3	A Dynamic Paradigm for Spectrally Efficient Half-Duplex Multi-Antenna Relaying		ON WIRELES	SCI(E)	1536-1276	10.1109/TWC.2013.072613.122053		12	9	4680	201309	2	2	4	김영빈	주저자	박사	0.4	0.32	0.128	6.394	0.97	0.388	0.0584	1.7837	0.7135
2017년	4	Multiband perfect absorbers using metal-dielectric films with optically dense medium for angle and polarization insensitive		PTICS EXPRE	SCI(E)	1094-4087	10.1364/OE.22.008339		22	7	8339	201404	2	2	4	유종범	주저자	박사	0.4	1.07	0.428	3.561	0.466	0.1864	0.1733	3.7318	1.4927
2017년	5	Simplifying Clock Gating Logic by Matching Factored Forms		LARGE SCALE	SCI(E)	1063-8210	10.1109/TVLSI.2013.2271054		22	6	1338	201406	2	0	2	한인학	주저자	박사	0.5	0.61	0.305	1.946	0.318	0.159	0.0111	0.7289	0.3644
2017년	6	Optical tuning of phosphors by plasmonic gold nanoparticles for phosphor-converted white light emitting diodes		D PHYSICS L	SCI(E)	0003-6951	10.1063/1.4898041		105	14	141119	201410	2	1	3	김명철	주저자	박사	0.4	1.31	0.524	3.521	0.307	0.1228	0.2247	2.1124	0.845
2017년	7	Bottom-Inlet-Type Micro-Electro-Mechanical System Acoustic Sensors Based in Two Polyimide/Amorphous-Si Sacrificial		o & Nano Le	SCI(E)	1750-0443	10.1049/mnl.2014.0381		9	12	845	201412	1	5	6	이재우	주저자	박사	0.5	0	0	0.975	0.075	0.0375	0.0019	0.0203	0.0102
2017년	8	Position tracking of moving liver lesion based on real-time registration between 2D ultrasound and 3D preoperative		EDICAL PHYS	SCI(E)	0094-2405	10.1118/1.4903945		42	1	335	201501	2	3	5	원치준	주저자	박사	0.4	0.8488	0.3395	3.177	0.554	0.2216	0.0309	0.9621	0.3848

2017년	9	An Investigation of Electromagnetic Radiated Emission and Interference From Multi-Coil Wireless Power Transfer Systems Using Resonant Magnetic Field		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2015.2392096		63	3	833	201503	1	7	8	공선규	주저자	박사	0.5	3.0623	1.5312	3.756	0.57	0.285	0.0321	0.9182	0.4591
2017년	10	Analysis of Pattern Gain of Compact Directional 16-port Antenna		d Wireless Pr	SCI(E)	1536-1225	10.1109/LAWP.2014.2386876		14		902	201504	2	0	2	박대희	주저자	박사	0.5	0.5832	0.2916	3.51	0.533	0.2665	0.0317	0.9696	0.4848
2017년	11	A Facile Route to Efficient, Low-Cost Flexible Organic Light-Emitting Diodes: Utilizing the High Refractive Index and Built-In Scattering Properties of Industrial-Grade		ANCED MATE	SCI(E)	0935-9648	10.1002/adma.201404862		27	9	1624	201504	2	6	8	김은혜	주저자	박사	0.4	4.9464	1.9786	25.809	2.248	0.8992	0.4094	4.404	1.7616
2017년	12	An Enhanced Random Access Scheme With Spatial Group Based Reusable Preamble Allocation in Cellular M2M		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2015.2473860		19	10	1714	201508	2	1	3	김태훈	주저자	박사	0.4	2.8696	1.1478	3.457	0.464	0.1856	0.0285	0.87	0.348
2017년	13	Two-Dimensional Error-Pattern-Correcting Codes		ONS ON COI	SCI(E)	0090-6778	10.1109/TCOMM.2015.2438869		63	8	2725	201508	2	0	2	윤성환	주저자	박사	0.5	0.2332	0.1166	5.69	0.863	0.4315	0.0387	1.1825	0.5913
2017년	14	Functional reorganization and prediction of motor recovery after a stroke: A graph theoretical analysis of functional		UROLOGY AN	SCI(E)	0922-6028	10.3233/RNN-140467		33	6	785	201510	2	2	4	이정수	주저자	박사	0.4	0.5272	0.2109	1.839	0.212	0.0848	0.003	0.065	0.026
2017년	15	Quasi-Primitive Block-wise Concatenated BCH Codes with Collaborative Decoding for NAND Flash Memories		ONS ON COI	SCI(E)	0090-6778	10.1109/TCOMM.2015.2467384		63	10	3482	201510	2	0	2	김대성	주저자	박사	0.5	0.6998	0.3499	5.69	0.863	0.4315	0.0387	1.1825	0.5913
2017년	16	A Hybrid UTD-ACGF Technique for DOA Finding of Receiving Antenna Array on Complex Environment		ON ANTENNA	SCI(E)	0018-926X	10.1109/TAP.2015.2478446		63	11	5045	201511	2	3	5	김영담	주저자	박사	0.4	0.4665	0.1866	4.435	0.673	0.2692	0.048	1.4657	0.5863
2017년	17	A Vertically Integrated Junctionless Nanowire Transistor		NANO LETTER	SCI(E)	1530-6984	10.1021/acs.nanolett.5b04926		16	3	1840	201602	2	6	8	이병현	주저자	박사	0.4	3.1665	1.2666	12.279	1.069	0.4276	0.3006	3.2338	1.2935

2017년	18	Coil Design and Measurements of Automotive Magnetic Resonant Wireless Charging System for High-Efficiency and Low Magnetic Field Leakage		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2015.2513394		64	2	383	201602	3	6	9	김홍석	주저자	박사	0.2857	10.018	2.8621	3.756	0.57	0.1628	0.0321	0.9182	0.2623
2017년	19	Thin PCB-Type Metamaterials for Improved Efficiency and Reduced EMF Leakage in Wireless Power Transfer Systems		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2015.2514090		64	2	353	201602	2	9	11	조연제	주저자	박사	0.4	3.6551	1.462	3.756	0.57	0.228	0.0321	0.9182	0.3673
2017년	20	A Hybrid AMOLED Driver IC for Real-Time TFT Nonuniformity Compensation		OF SOLID-ST	SCI(E)	0018-9200	10.1109/JSSC.2015.2504416		51	4	966	201604	2	5	7	방준석	주저자	박사	0.4	1.4704	0.5882	5.173	0.785	0.314	0.0242	0.6933	0.2773
2017년	21	High-Frequency Temperature-Dependent Through-Silicon-Via (TSV) Model and High-Speed Channel Performance for		E Design & T	SCI(E)	2168-2356	10.1109/MDAT.2015.2455336		33	2	17	201604	2	3	5	이만호	주저자	박사	0.4	0.4511	0.1804	3.022	0.493	0.1972	0.0015	0.0996	0.0398
2017년	22	Partial Sum Minimization of Singular Values in Robust PCA: Algorithm and Applications		RN ANALYSIS	SCI(E)	0162-8828	10.1109/TPAMI.2015.2465956		38	4	744	201604	2	3	5	오태현	주저자	박사	0.4	7.0045	2.8018	17.73	2.69	1.076	0.0688	2.837	1.1348
2017년	23	Training Designs for Estimation of Spatially Correlated Fading Channels in MIMO Amplify-and-Forward Two-Way Multi-Relay		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2015.2502946		20	4	772	201604	2	0	2	강재모	주저자	박사	0.5	1.0065	0.5033	3.457	0.464	0.232	0.0285	0.87	0.435
2017년	24	Multilayer Graphene with a Rippled Structure as a Spacer for Improving Plasmonic Coupling		FUNCTIONAL	SCI(E)	1616-301X	10.1002/adfm.201601850		26	28	5093	201605	4	6	10	김태근	기타저자	석사	0.0185	1.6875	0.0312	15.621	1.36	0.0252	0.176	1.893	0.035
2017년	25	A 17.5 fJ/bit Energy-efficient Analog SRAM for Mixed-signal Processing		LARGE SCALE	SCI(E)	1063-8210	10.1109/ISCAS.2016.7527414		25	10	2714	201605	2	2	4	이진수	주저자	석사	0.4	0.7896	0.3158	1.946	0.318	0.1272	0.0111	0.7289	0.2916
2017년	26	Channel Estimation via Orthogonal Matching Pursuit for Hybrid MIMO Systems in Millimeter Wave Communications		ONS ON COM	SCI(E)	0090-6778	10.1109/TCOMM.2016.2557791		64	6	2370	201606	2	1	3	이준호	주저자	박사	0.4	38.296	15.318	5.69	0.863	0.3452	0.0387	1.1825	0.473

2017년	27	Development of Precise Encoder Edge-Based State Estimation for Motors		S ON INDUST	SCI(E)	0278-0046	10.1109/TIE.2016.2539249		63	6	3648	201606	2	0	2	김진백	주저자	박사	0.5	0.7168	0.3584	7.503	1.635	0.8175	0.1006	2.883	1.4415
2017년	28	High-quality depth from uncalibrated small motion clip		uter Vision ar	SCI(E)	BKCSA014	10.1109/CVPR.2016.584					201606	2	3	5	하효원	주저자	박사	0.4	4.1742	1.6697	3	0.531	0.2124	0.0058	0.3483	0.1393
2017년	29	Area-Efficient Approach for Generating Quantized Gaussian Noise		CUITS AND S	SCI(E)	1549-8328	10.1109/TCSI.2016.2553318		63	7	1005	201607	2	1	3	최재준	주저자	석사	0.4	0.4524	0.181	3.934	0.597	0.2388	0.0218	0.6257	0.2503
2017년	30	Efficient organic photomemory with photography-ready programming speed		cientific Repo	SCI(E)	2045-2322	10.1038/srep30536		6		30536	201607	2	5	7	김민철	주저자	박사	0.4	0.3741	0.1496	4.011	0.299	0.1196	1.0614	1.8297	0.7319
2017년	31	Efficient sorting architecture for successive-cancellation-list decoding of polar codes		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2016.2530093		63	7	673	201607	2	1	3	공병용	주저자	박사	0.4	1.3573	0.5429	3.25	0.493	0.1972	0.0121	0.3467	0.1387
2017년	32	Hybrid integration of III-V semiconductor lasers on silicon waveguides using optofluidic microbubble manipulation		cientific Repo	SCI(E)	2045-2322	10.1038/srep29841		6		29841	201607	2	4	6	정영호	주저자	박사	0.4	0.3741	0.1496	4.011	0.299	0.1196	1.0614	1.8297	0.7319
2017년	33	Improvement of FDTD method regarding cloaking metamaterials by interpolation		AGNETIC WA	SCI(E)	0920-5071	10.1080/09205071.2016.1202783		30	10	1366	201607	2	3	5	배기웅	주저자	박사	0.4	0.2052	0.0821	1.351	0.205	0.082	0.0026	0.0736	0.0295
2017년	34	Q-DRAM: Quick-Access DRAM with Decoupled Restoring from Row-Activation		CTIONS ON	SCI(E)	0018-9340	10.1109/TC.2015.2479587		65	7	2213	201607	2	6	8	신원규	주저자	박사	0.4	0.7356	0.2942	3.131	0.511	0.2044	0.0149	0.9815	0.3926
2017년	35	Solar Power Prediction Based on Satellite Images and Support Vector Machine		ions on Susta	SCI(E)	1949-3029	10.1109/TSTE.2016.2535466		7	3	1255	201607	3	1	4	장한승	주저자	박사	0.2857	2.7634	0.7895	7.65	1.161	0.3317	0.0224	0.642	0.1834
2017년	36	Delay-Optimal Data Forwarding in Vehicular Sensor Networks		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2015.2478937		65	8	6389	201608	2	3	5	최옥영	주저자	박사	0.4	2.1246	0.8498	5.339	0.957	0.3828	0.0466	2.4192	0.9677
2017년	37	Hybrid L2 NOCA Design and Management Considering Data Access Latency, Energy Efficiency, and Storage Lifetime		LARGE SCALE	SCI(E)	1063-8210	10.1109/TVLSI.2016.2540069		24	10	3118	201608	2	2	4	정종필	기타저자	석사	0.1	0	0	1.946	0.318	0.0318	0.0111	0.7289	0.0729

2017년	38	Location-Probability-Based Transmission Strategy for White Space Devices With Multiple Antennas in TV White Space		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2015.2476816		65	8	6788	201608	2	2	4	엄중선	주저자	박사	0.4	0	0	5.339	0.957	0.3828	0.0466	2.4192	0.9677
2017년	39	A Digital Phase Leading Filter Current Compensation (PLFCC) Technique for CCM Boost PFC Converter to Improve PF in High Line Voltage and Light Load Conditions		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2015.2489204		31	9	6596	201609	2	2	4	윤한신	주저자	박사	0.4	2.149	0.8596	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2017년	40	Optimal Storage Allocation for Wireless Cloud Caching Systems With a Limited Sum Storage Capacity		ON WIRELES	SCI(E)	1536-1276	10.1109/TWC.2016.2577025		15	9	6010	201609	2	0	2	홍비	주저자	박사	0.5	5.8477	2.9239	6.394	0.97	0.485	0.0584	1.7837	0.8919
2017년	41	A Delta-Readout Scheme for Low-Power CMOS Image Sensors With Multi-Column-Parallel SAR ADC		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2016.2581819		51	10	2262	201610	2	7	9	김현준	주저자	박사	0.4	2.4883	0.9953	5.173	0.785	0.314	0.0242	0.6933	0.2773
2017년	42	A Power-and-Area Efficient 10× 10Gb/s Bootstrap Transceiver in 40 nm CMOS for Referenceless and Lane-Independent Operation		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2016.2590550		51	10	2475	201610	2	6	8	이준영	주저자	박사	0.4	0	0	5.173	0.785	0.314	0.0242	0.6933	0.2773
2017년	43	Beamforming Design for Full-Duplex Two-Way Amplify-and-Forward MIMO Relay		ON WIRELES	SCI(E)	1536-1276	10.1109/TWC.2016.2587768		15	10	6705	201610	2	1	3	심영규	주저자	박사	0.4	1.7936	0.7174	6.394	0.97	0.388	0.0584	1.7837	0.7135
2017년	44	Stepwise Actuation of an Electrostatic Bimorph Cantilever Actuator Using a Patterned Bottom Electrode		DELECTROME	SCI(E)	1057-7157	10.1109/JMEMS.2016.2582522		25	5	909	201610	2	0	2	임근서	주저자	박사	0.5	0	0	2.621	0.571	0.2855	0.0051	0.1473	0.0736
2017년	45	An Enhanced QAM-FBMC Scheme with Interference Mitigation		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2016.2604250		20	11	2237	201611	1	3	4	김희수	기타저자	석사	0.1666	0.8807	0.1467	3.457	0.464	0.0773	0.0285	0.87	0.1449
2017년	46	A Content-Aware Video Encoding Scheme Based on Single-Pass Consistent Quality Control		TIONS ON BI	SCI(E)	0018-9316	10.1109/TBC.2016.2569999		62	4	800	201612	1	2	3	김기원	주저자	박사	0.5	0.4184	0.2092	4.374	0.664	0.332	0.0038	0.1158	0.0579

2017년	47	Enabling Automatic Protocol Behavior Analysis for Android Applications		ging Network	SCI(E)	BKCSA066	10.1145/2999572.2999596				281	201612	3	6	9	최우현	기타저자	석사	0.0238	2.4912	0.0593	2	0.354	0.0084	0.0039	0.2322	0.0055
2017년	48	Foldable and Disposable Memory on Paper		cientific Repo	SCI(E)	2045-2322	10.1038/srep38389		6		38389	201612	3	7	10	이동일	주저자	박사	0.2857	0.8106	0.2316	4.011	0.299	0.0854	1.0614	1.8297	0.5228
2017년	49	Improving the performance of an electrowetting lenticular lens array by using a thin polycarbonate sheet		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.24.029972		24	26	29972	201612	1	6	7	구교현	기타저자	석사	0.0833	1.5348	0.1278	3.561	0.466	0.0388	0.1733	3.7318	0.3109
2017년	50	Secrecy Capacity Scaling by Jamming-Aided Hierarchical Cooperation in Ad Hoc Networks		ected Topics i	SCI(E)	1932-4553	10.1109/JSTSP.2016.2616842		10	8	1390	201612	2	2	4	강명길	주저자	박사	0.4	0.2106	0.0842	6.688	1.015	0.406	0.0175	0.5014	0.2005
2017년	51	A 502-GOPS and 0.984-mW Dual-Mode Intelligent ADAS SoC With Real-Time Semiglobal Matching and Intention Prediction for Smart Automotive		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2016.2617317		52	1	139	201701	2	6	8	이규호	주저자	박사	0.4	0.8788	0.3515	5.173	0.785	0.314	0.0242	0.6933	0.2773
2017년	52	Energy-efficient joint path-following for attitude-fixed space manipulators with bounds on completion time and motor		ent Service R	SCI(E)	1861-2776	10.1007/s11370-016-0211-8		10		1	201701	2	0	2	김용민	주저자	박사	0.5	0	0	1.346	0.157	0.0785	0.0004	0.0417	0.0209
2017년	53	Fast and robust binary descriptor using intensity rank binning		TRONICS LET	SCI(E)	0013-5194	10.1049/el.2016.0863		53	2	79	201701	2	1	3	박채훈	주저자	박사	0.4	0	0	1.343	0.204	0.0816	0.0218	0.6251	0.2501
2017년	54	Low-Frequency Noise Characteristics in SONOS Flash Memory with Vertically Stacked Nanowire FETs		TRON DEVICI	SCI(E)	0741-3106	10.1109/LED.2016.2632182		38	1	40	201701	2	6	8	방태욱	주저자	석사	0.4	0.861	0.3444	3.753	0.569	0.2276	0.0202	0.5787	0.2315
2017년	55	A 0.26-nJ/node, 400-kHz Tx Driving, Filtered Fully Differential Readout IC With Parasitic RC Time Delay Reduction Technique for 65-in 169 x 97 Capacitive-Type Touch Screen		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2016.2621020		52	2	528	201702	2	3	5	박상휘	주저자	박사	0.4	2.3436	0.9374	5.173	0.785	0.314	0.0242	0.6933	0.2773

2017년	56	An HLA-Based Distributed Cosimulation Framework in Mixed-Signal System-on-Chip Design		LARGE SCALE	SCI(E)	1063-8210	10.1109/TVLSI.2016.2594948		25	2	760	201702	2	2	4	석문기	주저자	박사	0.4	0.4303	0.1721	1.946	0.318	0.1272	0.0111	0.7289	0.2916
2017년	57	Extensible Compact 8-Port MIMO Antenna with Pattern Gain		OPTICAL TEC	SCI(E)	0895-2477	10.1002/mop.30268		59	2	236	201702	1	3	4	이동진	주저자	박사	0.5	0	0	0.933	0.142	0.071	0.0068	0.1957	0.0978
2017년	58	Latent feature representation with depth directional long-term recurrent learning for breast masses in digital breast		MEDICINE AN	SCI(E)	0031-9155	10.1088/1361-6560/aa504e		62	3	1009	201702	2	2	4	김대회	주저자	박사	0.4	1.6885	0.6754	3.03	0.528	0.2112	0.032	1.3281	0.5312
2017년	59	Three-Electrode Metal-Oxide Gas Sensor System With CMOS Interface IC		SENSORS JOU	SCI(E)	1530-437X	10.1109/JSEN.2016.2633561		17	3	784	201702	2	4	6	박정호	주저자	박사	0.4	1.01	0.404	3.076	0.67	0.268	0.0293	0.8406	0.3362
2017년	60	Traffic scheduling and revenue distribution among providers in the internet: Tradeoffs and impacts		CTED AREAS	SCI(E)	0733-8716	10.1109/JSAC.2017.2659378		35	2	421	201702	2	2	4	이효정	주저자	박사	0.4	0.587	0.2348	9.302	1.412	0.5648	0.0461	1.4077	0.5631
2017년	61	A 105.125-Gb/s Reverse Gearbox IC in 40-nm CMOS for Supporting Legacy 10- and 40-GbE Links		OF SOLID-ST	SCI(E)	0018-9200	10.1109/JSSC.2016.2636858		52	3	688	201703	2	9	11	윤태훈	주저자	박사	0.4	0.1464	0.0586	5.173	0.785	0.314	0.0242	0.6933	0.2773
2017년	62	Beamforming for Full-Duplex Multiuser MIMO Systems		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2016.2581213		66	3	2423	201703	2	1	3	김진우	주저자	박사	0.4	1.5778	0.6311	5.339	0.957	0.3828	0.0466	2.4192	0.9677
2017년	63	Hourly Solar Irradiance Prediction Based on Support Vector Machine and Its Error Analysis		TIONS ON PO	SCI(E)	0885-8950	10.1109/TPWRS.2016.2569608		32	2	935	201703	2	1	3	배국열	주저자	박사	0.4	5.2956	2.1182	6.807	1.033	0.4132	0.0513	1.4692	0.5877
2017년	64	mOS: A Reusable Networking Stack for Flow Monitoring Middleboxes		orked System	국제학술대회	BKCSA038	2-s2.0-85076890916	regular				201703	2	3	5	Asim	주저자	박사	0.4	12.82	5.1278	4	0.708	0.2832	0.0077	0.4644	0.1858
2017년	65	Self-gated cardiac cine imaging using phase information		RESONANCE I	SCI(E)	0740-3194	10.1002/mrm.26204		77	3	1216	201703	2	2	4	서현석	주저자	박사	0.4	0.5392	0.2157	3.858	0.673	0.2692	0.035	1.0903	0.4361
2017년	66	An Input Data and Power Noise Inducing Clock Jitter Tolerant Reference-less Digital CDR for LCD Intra-Panel Interface		RCUITS AND S	SCI(E)	1549-8328	10.1109/TCSI.2016.2630119		64	4	823	201704	2	3	5	김용훈	주저자	박사	0.4	0.8788	0.3515	3.934	0.597	0.2388	0.0218	0.6257	0.2503

2017년	67	Characteristics Calculation of Ferrite Material Using Frequency Tunable		ACTIONS ON	SCI(E)	0018-9464	10.1109/TMAG.2016.2638802		53	4	6E+06	201704	1	2	3	정명훈	주저자	박사	0.5	0.287	0.1435	1.651	0.251	0.1255	0.0258	0.7389	0.3694
2017년	68	Refresh-Aware Write Recovery Memory Controller		ACTIONS ON	SCI(E)	0018-9340	10.1109/TC.2016.2617333		66	4	688	201704	2	5	7	장재민	주저자	박사	0.4	0.1578	0.0631	3.131	0.511	0.2044	0.0149	0.9815	0.3926
2017년	69	3D Display Calibration by Visual Pattern Analysis		ONS ON IMA	SCI(E)	1057-7149	10.1109/TIP.2017.2665043		26	5	2090	201705	2	2	4	황효석	주저자	박사	0.4	0.6187	0.2475	6.79	1.03	0.412	0.0615	2.5328	1.0131
2017년	70	Cut Mask Optimization for Multi-Patterning Directed Self-Assembly Lithography		n and Test in	SCI(E)	BKCSA088	10.23919/DATE.2017.7927228	regular				201705	2	1	3	ghiran Wachi	주저자	석사	0.4	0.8802	0.3521	2	0.354	0.1416	0.0039	0.2322	0.0929
2017년	71	Multi-Bit Flipping Decoding of LDPC Codes for NAND Storage Systems		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2017.2656119		21	5	979	201705	2	0	2	정재환	주저자	석사	0.5	1.7093	0.8547	3.457	0.464	0.232	0.0285	0.87	0.435
2017년	72	Carrier-phase-estimation algorithm featuring fast trackability for high-speed coherent WDM PON based on		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.25.014282		25	13	14282	201706	2	2	4	김대호	주저자	석사	0.4	1.0226	0.409	3.561	0.466	0.1864	0.1733	3.7318	1.4927
2017년	73	Energy Outage-Aware Power Distribution Scheme for Off-Grid Base Station Operation		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2017.2676108		21	6	1401	201706	2	3	5	전승현	주저자	박사	0.4	0.3107	0.1243	3.457	0.464	0.1856	0.0285	0.87	0.348
2017년	74	Robust cross-score algorithm against bit transitions for GPS interference suppression		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2017.2678989		21	6	1325	201706	2	2	4	주인원	주저자	박사	0.4	0.3107	0.1243	3.457	0.464	0.1856	0.0285	0.87	0.348
2017년	75	Enhanced thermoelectric properties of screen-printed Bi0.5Sb1.5Te3 and Bi2Te2.7Se0.3 thick films using a post annealing process with mechanical pressure		f Materials Ch	SCI(E)	2050-7526	10.1039/c7tc01797a		5	33	8559	201707	2	4	6	김선진	기타저자	박사	0.05	1.7272	0.0864	6.641	0.578	0.0289	0.0974	1.0483	0.0524
2017년	76	Noise Robust Depth From Focus Using a Ring Difference Filter		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2017.262	regular				201707	2	4	6	서재흥	주저자	석사	0.4	0.8581	0.3432	4	0.708	0.2832	0.0077	0.4644	0.1858
2017년	77	SENIN: An energy-efficient sparse neuromorphic system with on-chip learning		um on Low-Po	국제학술대회	BKCSA160	10.1109/ISLPED.2017.8009174	regular				201707	2	2	4	최명훈	주저자	석사	0.4	0.5357	0.2143	1	0.177	0.0708	0.0019	0.1161	0.0464

2017년	78	An Accurate Drain Current Model of Monolayer Transition-Metal Dichalcogenide Tunnel FETs		ONS ON ELE	SCI(E)	0018-9383	10.1109/TED.2017.2716339		64	8	3502	201708	2	2	4	박상천	기타저자	석사	0.1	0.4305	0.0431	2.704	0.41	0.041	0.0251	0.72	0.072
2017년	79	Electro-Thermal Annealing Method for Recovery of Cyclic Bending Stress in Flexible a-IGZO TFTs		ONS ON ELE	SCI(E)	0018-9383	10.1109/TED.2017.2717444		64	8	3189	201708	3	6	9	이명근	주저자	석사	0.2857	0.574	0.164	2.704	0.41	0.1171	0.0251	0.72	0.2057
2017년	80	Signal Integrity Design and Analysis of a Multilayer Test Interposer for LPDDR4 Memory Test with Silicone Rubber-based		N ELECTROMA	SCI(E)	0018-9375	10.1109/TEMC.2016.2639524		59	4	1239	201708	2	9	11	김종훈	주저자	박사	0.4	0.2954	0.1182	2.274	0.345	0.138	0.0053	0.1631	0.0653
2017년	81	Hybrid Power Combining Rectenna Array for Wide Incident Angle Coverage in RF Energy		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2017.2678498		65	9	3409	201709	2	3	5	이수지	기타저자	박사	0.0666	3.7418	0.2492	3.756	0.57	0.038	0.0321	0.9182	0.0612
2017년	82	Improving the Light-Load Regulation Capability of LLC Series Resonant Converter Using Impedance Analysis		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2016.2629517		32	9	7056	201709	2	3	5	연철오	주저자	박사	0.4	2.7831	1.1132	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2017년	83	Organic flash memory on various flexible substrates for foldable and disposable electronics		re Communic	SCI(E)	2041-1723	10.1038/s41467-017-00805-z		8		725	201709	3	2	5	이승원	주저자	박사	0.2857	1.5602	0.4457	11.878	0.886	0.2531	1.1032	1.9018	0.5433
2017년	84	Sparse Structure-Based Channel Estimation for Uplink SCMA System		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2017.2679020		66	9	8037	201709	2	1	3	허은혜	주저자	박사	0.4	1.3806	0.5522	5.339	0.957	0.3828	0.0466	2.4192	0.9677
2017년	85	Low-Power Nonvolatile Charge Storage Memory based on MoS_2 and an Ultrathin Polymer Tunneling Dielectric		FUNCTIONAL	SCI(E)	1616-301X	10.1002/adfm.201703545		27	43	2E+06	201710	3	5	8	우명훈	주저자	석사	0.2857	1.5671	0.4477	15.621	1.36	0.3886	0.176	1.893	0.5408
2017년	86	Experimental Analysis of Small Drone Polarimetry Based on Micro-Doppler Signature		e and Remote	SCI(E)	1545-598X	10.1109/LGRS.2017.2727824		14	10	1670	201710	1	2	3	김병관	주저자	박사	0.5	1.5354	0.7677	3.534	0.54	0.27	0.0237	0.7529	0.3764
2017년	87	Investigation of Border Trap Characteristics in the AlON/GeO2/Ge Gate Stacks		ONS ON ELE	SCI(E)	0018-9383	10.1109/TED.2017.2741496		64	10	3998	201710	2	5	7	서유진	주저자	박사	0.4	0.1435	0.0574	2.704	0.41	0.164	0.0251	0.72	0.288

2017년	88	Unidirectional Ring Ethernet and Media Access Controller with Automatic Relaying for Low-complexity In-vehicle Control		nductor Techn	SCI(E)	1598-1657	10.5573/JSTS.2017.17.4.697		17	5	697	201710	2	2	4	주영진	기타저자	석사	0.1	0	0	0.407	0.062	0.0062	0.0006	0.0169	0.0017
2017년	89	Adaptive Multiuser Scheduling for Simultaneous Wireless Information and Power Transfer in a Multi-cell		CUITS AND S	SCI(E)	1549-8328	10.1109/TWC.2017.2748942		16	11	7460	201711	2	1	3	방인규	주저자	박사	0.4	1.1567	0.4627	3.934	0.597	0.2388	0.0218	0.6257	0.2503
2017년	90	Event-Driven Energy Trading System in Microgrids: Aperiodic Market Model Analysis with a Game Theoretic		IEEE Access	SCI(E)	2169-3536	10.1109/ACCESS.2017.2766233		5	9	26291	201711	2	3	5	박상돈	주저자	박사	0.4	5.5676	2.227	4.098	0.73	0.292	0.0392	2.633	1.0532
2017년	91	Novel Operation of a Multi-Bit SOT Memory Cell Addressed With a Single Write Line		ACTIONS ON	SCI(E)	0018-9464	10.1109/TMAG.2017.2710633		53	11	3E+06	201711	2	2	4	백승헌	주저자	박사	0.4	0.287	0.1148	1.651	0.251	0.1004	0.0258	0.7389	0.2956
2017년	92	A 48 μW, 8.88 mW/W Batteryless Wirelessly Power Transferred Body Channel Communication Identification		nductor Techn	SCI(E)	1598-1657	10.5573/JSTS.2017.17.6.927		17	6	927	201712	2	2	4	이지희	주저자	석사	0.4	0	0	0.407	0.062	0.0248	0.0006	0.0169	0.0068
2017년	93	A 33.77 μW bio-impedance Sensor with 276 μs Settling Time for Portable Blood Pressure Monitoring		nductor Techn	SCI(E)	1598-1657	10.5573/JSTS.2017.17.6.912		17	6	912	201712	1	4	5	김관태	주저자	석사	0.5	0	0	0.407	0.062	0.031	0.0006	0.0169	0.0085
2017년	94	Realization of High-Performance Screen-Printed Flexible Thermoelectric Generator by Improving Contact Characteristics		ed Materials I	SCI(E)	2196-7350	10.1002/admi.201700870		4	23	2E+06	201712	2	5	7	김용준	주저자	석사	0.4	0.4229	0.1692	4.713	0.36	0.144	0.0165	0.1775	0.071
2017년	95	Nonlinear Analysis of Nonresonant THz Response of MOSFET and Implementation of a High-Responsivity Cross-Coupled		Terahertz Sci	SCI(E)	2156-342X	10.1109/TTHZ.2017.2778499		8	1	108	201801	1	5	6	김형준	기타저자	석사	0.1	1.6175	0.1618	3.03	0.46	0.046	0.0053	0.1507	0.0151

2017년	96	Predictive Coding for Dynamic Visual Processing: Development of Functional Hierarchy in a Multiple Spatiotemporal Scales RNN		AL COMPUTA	SCI(E)	0899-7667	10.1162/NECO_a_01026		30	1	237	201801	2	0	2	최민규	주저자	석사	0.5	0.5927	0.2964	2.261	0.327	0.1635	0.0063	0.2576	0.1288
2017년	97	The Effect of EV Aggregators with Time-Varying Delays on the Stability of a Load Frequency Control System		TIONS ON PO	SCI(E)	0885-8950	10.1109/TPWRS.2017.2690915		33	1	669	201801	2	0	2	고갑석	주저자	박사	0.5		0	6.807	1.033	0.5165	0.0513	1.4692	0.7346
2017년	98	A 0.55-V 1.1-mW Artificial Intelligence Processor With On-Chip PVT Compensation for Autonomous Mobile Robots		RCUITS AND S	SCI(E)	1549-8328	10.1109/TCSI.2017.2727510		65	2	567	201802	2	3	5	김유창	주저자	박사	0.4	0.2558	0.1023	3.934	0.597	0.2388	0.0218	0.6257	0.2503
2017년	99	A Low-Reference Spur MDLL-Based Clock Multiplier and Derivation of Discrete-Time Noise Transfer Function for Phase Noise		RCUITS AND S	SCI(E)	1549-8328	10.1109/TCSI.2017.2719685		65	2	485	201802	1	1	2	탁금영	주저자	박사	0.5	0.5117	0.2559	3.934	0.597	0.2985	0.0218	0.6257	0.3129
2017년	100	Gyrosfinger: Fingerprinting Drones for Location Tracking based on the Outputs of MEMS Gyroscopes		ons on Privac	SCI(E)	2471-2566	10.1145/3177751		21	2	1	201802	2	2	4	손윤목	주저자	박사	0.4	1.3221	0.5288	1.714	0.305	0.122	0.0005	0.0329	0.0132
2017년	101	Highly Biased Linear Condition Method for Separately Extracting of Source and Drain Resistance in MOSFETs		ONS ON ELE	SCI(E)	0018-9383	10.1109/TED.2017.2783924		65	2	419	201802	2	7	9	김건희	주저자	석사	0.4	0.7313	0.2925	2.704	0.41	0.164	0.0251	0.72	0.288
2017년	102	A High-Performance Top-Gated Graphene Field-Effect Transistor with Excellent Flexibility Enabled by an iCVD Copolymer Gate Dielectric		Small	SCI(E)	1613-6810	10.1002/smll.201703035		14	9	2E+06	201803	3	4	7	오중건	주저자	박사	0.2857	0.187	0.0534	10.856	0.945	0.27	0.0914	0.9837	0.2811
2017년	103	Capacity of Continuous-Space Electromagnetic Channels With Lossy Transceivers		NS ON INFO	SCI(E)	0018-9448	10.1109/TIT.2017.2786674		64	3	1977	201803	2	0	2	전원석	주저자	박사	0.5	0	0	3.215	0.573	0.2865	0.0399	2.6766	1.3383
2017년	104	Multi-armed Bandit with Additional Observations		e on Measure	국제학술대회	BKCSA047	10.1145/3219617.3219639	regular	2	1	22	201803	1	4	5	안수명	기타저자	석사	0.125	0	0	3	0.531	0.0664	0.0058	0.3483	0.0435

2017년	105	Efficient adaptive non-maximal suppression algorithms for homogeneous spatial keypoint distribution		RECOGNITIO	SCI(E)	0167-8655	10.1016/j.patrec.2018.02.020		106		53	201804	2	4	6	ailo Oleksanc	주저자	석사	0.4	0.6262	0.2505	2.81	0.407	0.1628	0.0131	0.5395	0.2158
2017년	106	Modeling, Measurement, and Analysis of Audio Frequency Ground Integrity for a TDMA Smartphone System		nts Packaging	SCI(E)	2156-3950	10.1109/TCPMT.2018.2816948		8	4	519	201804	1	5	6	박신영	주저자	석사	0.5	0.4721	0.2361	1.86	0.339	0.1695	0.0066	0.3705	0.1852
2017년	107	An EEG-NIRS Multimodal SoC for Accurate Anesthesia Depth Monitoring		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2018.2810213		53	6	1830	201806	1	5	6	하언수	주저자	박사	0.5	2.3028	1.1514	5.173	0.785	0.3925	0.0242	0.6933	0.3467
2017년	108	Expansion of Cell Range with Geometric Information of Pico-Cell for Maximum Sum Rate in Heterogeneous		adioengineeri	SCI(E)	1210-2512	10.13164/re.2018.0610		27	2	610	201806	2	4	6	정태성	주저자	석사	0.4	0	0	0.967	0.147	0.0588	0.0015	0.0433	0.0173
2017년	109	Fast Low-Complexity Triple-Error-Correcting BCH Decoding Architecture		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2017.2779139		65	6	764	201806	2	1	3	유인재	기타저자	박사	0.2	0	0	3.25	0.493	0.0986	0.0121	0.3467	0.0693
2017년	110	Hierarchical emotional episodic memory for social human robot collaboration		NOMOUS RO	SCI(E)	0929-5593	10.1007/s10514-017-9679-0		42	5	1087	201806	2	0	2	이원형	주저자	박사	0.5	0.7339	0.367	3.634	0.526	0.263	0.0041	0.4708	0.2354
2017년	111	Mismatch-tolerant read-in IC with voltage-drop compensation for infrared scene projectors		Electronics E	SCI(E)	1349-2543	10.1587/elex.15.20180182		15	11	1	201806	1	2	3	신의섭	주저자	석사	0.5	0	0	0.586	0.089	0.0445	0.0019	0.0553	0.0276
2017년	112	CMUT-based resonant gas sensor array for VOC detection with low operating voltage		) ACTUATORS	SCI(E)	0925-4005	10.1016/j.snb.2018.07.043		273		1556	201807	2	7	9	박상준	주저자	석사	0.4	2.2538	0.9015	6.393	1.393	0.5572	0.089	2.3151	0.926
2017년	113	Design of an On-Silicon-Interposer Passive Equalizer for Next Generation High Bandwidth Memory With Data Rate Up To		RCUITS AND S	SCI(E)	1549-8328	10.1109/TCSI.2017.2783762		65	7	2293	201807	2	2	4	전예슬	주저자	석사	0.4	1.0234	0.4094	3.934	0.597	0.2388	0.0218	0.6257	0.2503
2017년	114	Learning-based Just-Noticeable-Quantization-Distortion Modeling for Perceptual Video Coding		ONS ON IMA	SCI(E)	1057-7149	10.1109/TIP.2018.2818439		27	7	3178	201807	2	2	4	기세환	주저자	석사	0.4	2.6325	1.053	6.79	1.03	0.412	0.0615	2.5328	1.0131

2017년	115	Spontaneous Additive Nanopatterning from Solution Route Using Selective Wetting		ed Materials &	SCI(E)	1944-8244	10.1021/acsami.8b06538		10	31	26501	201807	4	5	9	정현호	주저자	박사	0.2222	0.781	0.1735	8.456	0.646	0.1435	0.3664	3.9413	0.8758
2017년	116	3D image crosstalk reduction by controlling the width of the electrode in a liquid lenticular lens		Photonics Jo	SCI(E)	1943-0655	10.1109/JPHOT.2018.2858220		10	4	1	201808	2	5	7	신두섭	주저자	석사	0.4	0	0	2.729	0.414	0.1656	0.0166	0.4744	0.1898
2017년	117	An Ultra-High Input Impedance Analog Front End Using Self-Calibrated Positive Feedback		OF SOLID-ST	SCI(E)	0018-9200	10.1109/JSSC.2018.2831231		53	8	2252	201808	2	2	4	이진석	주저자	석사	0.4	1.0234	0.4094	5.173	0.785	0.314	0.0242	0.6933	0.2773
2017년	118	Analysis on Synchronous Rectifier Control to Improve Regulation Capability of High-Frequency LLC Resonant		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2017.2760902		33	8	7252	201808	2	3	5	김건우	주저자	석사	0.4	3.0704	1.2282	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2017년	119	Sine-Reference Band (SRB)-Controlled Average Current Technique for Phase-Cut Dimmable AC-DC Buck LED Lighting Driver without Electrolytic		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2017.2758167		33	8	6994	201808	2	5	7	신창식	주저자	박사	0.4	0.5117	0.2047	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2017년	120	Learning for Goal-directed Actions using RNNPB: Developmental Change of "What to Imitate"		ognitive and	SCI(E)	2379-8920	10.1109/TCDS.2017.2679765		10	3	545	201809	3	0	3	박준철	주저자	박사	0.3333	0.5769	0.1923	2.755	0.399	0.133	0.0003	0.0348	0.0116
2017년	121	A 65-nm CMOS 6-Bit 20 GS/s Time-Interleaved DAC With Full-Binary Sub-DACs		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2018.2809965		65	9	1154	201809	2	2	4	김시내	주저자	박사	0.4	0.7676	0.307	3.25	0.493	0.1972	0.0121	0.3467	0.1387
2017년	122	A 96.5% Efficiency Current Mode Hysteretic Buck Converter with 1.2% Error Auto-Selectable Frequency		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2017.2766691		33	9	7733	201809	1	2	3	서정일	주저자	석사	0.5	1.0234	0.5117	7.224	1.096	0.548	0.0745	2.1338	1.0669
2017년	123	Combined Window-Filter Waveform Design With Transmitter-Side Channel State Information		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2018.2843346		67	9	959-896	201809	1	4	5	조선영	기타저자	석사	0.125	0	0	5.339	0.957	0.1196	0.0466	2.4192	0.3024

2017년	124	Proportional Fair Energy-Efficient Resource Allocation in Energy-Harvesting-Based Wireless Networks		E Systems Jou	SCI(E)	1932-8184	10.1109/JSYST.2016.2606238		12	3	2106	201809	2	1	3	정병창	주저자	박사	0.4	0.5159	0.2064	4.463	0.991	0.3964	0.0087	0.5826	0.233
2017년	125	High-efficiency broadband light coupling between optical fibers and photonic integrated circuits		Nanophotonic	SCI(E)	2192-8606	10.1515/nanoph-2018-0075		7	12	1845	201810	2	3	5	손경호	주저자	석사	0.4	0.3534	0.1414	6.908	0.904	0.3616	0.0061	0.1311	0.0524
2017년	126	Nanosinusoidal Surface Zinc Oxide for Optical Out-coupling of Inverted Organic Light-Emitting Diodes		ACS Photonic	SCI(E)	2330-4022	10.1021/acsphotonics.8b00710		5	10	4061	201810	2	5	7	이호승	기타저자	석사	0.04	0.495	0.0198	7.143	0.935	0.0374	0.0337	0.7247	0.029
2017년	127	Vertical-tunneling field-effect transistor based on MoTe2/MoS2 2D-2D heterojunction		PHYSICS D-AP	SCI(E)	0022-3727	10.1088/1361-6463/aae2a7		51	47	475101	201810	3	2	5	구본대	주저자	석사	0.2857	0.2545	0.0727	2.829	0.246	0.0703	0.0466	0.4376	0.125
2017년	128	Delta-sigma-modulated IFoF transmission system assisted by a correlative-level encoding technique		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.26.029916		26	23	29916	201811	1	4	5	장승현	주저자	박사	0.5	0.7642	0.3821	3.561	0.466	0.233	0.1733	3.7318	1.8659
2017년	129	Effects of multi-level format in MMF system based on mode-field matched center-launching technique		ICS TECHNOL	SCI(E)	1041-1135	10.1109/LPT.2018.2873822		30	22	1972	201811	2	2	4	김민식	주저자	석사	0.4	0	0	2.553	0.387	0.1548	0.0218	0.6249	0.2499
2017년	130	First Lateral Contact Probing of 55-μm Fine Pitch Micro-Bumps		DELECTROME	SCI(E)	1057-7157	10.1109/JMEMS.2018.2868871		27	6	1114	201812	3	6	9	김창근	주저자	석사	0.2857	0	0	2.621	0.571	0.1631	0.0051	0.1473	0.0421
2017년	131	Stochastic Chebyshev Gradient Descent for Spectral Optimization		al Information	국제학술대회	BKCSA015	2-s2.0-85064842697	regular				201812	1	2	3	한인수	주저자	석사	0.5	0.8874	0.4437	4	0.708	0.354	0.0077	0.4644	0.2322
2017년	132	Rejecting Motion Outliers for Efficient Crowd Anomaly Detection		Information F	SCI(E)	1556-6013	10.1109/TIFS.2018.2856189		14	2	541	201812	1	2	3	han Muhamm	주저자	박사	0.5	1.4675	0.7338	6.211	1.208	0.604	0.0195	1.628	0.814
2017년	133	Thermo-optic control of the longitudinal radiation angle in a silicon-based optical phased array		PTICS LETTER	SCI(E)	0146-9592	10.1364/OL.44.000411		44	2	411	201901	2	9	11	김성환	주저자	석사	0.4	1.0395	0.4158	3.866	0.506	0.2024	0.093	2.0015	0.8006

2017년	134	Pattern Reconfigurable High Gain Spherical Dielectric Resonator Antenna Operating on Higher Order		d Wireless Pr	SCI(E)	1536-1225	10.1109/LAWP.2018.2882871		182	1	128	201901	2	3	5	안병권	주저자	석사	0.4	3.08	1.232	3.51	0.533	0.2132	0.0317	0.9696	0.3878
2017년	135	Si-MoS2 Vertical Heterojunction for Photodetector with High Responsivity and Low Noise Equivalent Power		ed Materials &	SCI(E)	1944-8244	10.1021/acsami.8b21629		11	7	7626	201901	4	4	8	박정훈	주저자	석사	0.2222	3.9135	0.8696	8.456	0.646	0.1435	0.3664	3.9413	0.8758
2017년	136	A Ka-Band Phase-Compensated Variable-Gain CMOS Low-Noise Amplifier		D WIRELESS C	SCI(E)	1531-1309	10.1109/LMWC.2018.2887335		29	2	131	201902	1	2	3	이승찬	주저자	석사	0.5	3.7596	1.8798	2.374	0.36	0.18	0.0144	0.4137	0.2069
2017년	137	Design and Measurement of a Novel On-inerposer Active Power Distribution Network for Efficient Simultaneous Switching Noise suppression in 2.5-D/3-D IC		nts Packaging	SCI(E)	2156-3950	10.1109/TCPMT.2018.2841045		9	2	317	201902	1	4	5	김수빈	주저자	석사	0.5	0.843	0.4215	1.86	0.339	0.1695	0.0066	0.3705	0.1852
2017년	138	Electro-Thermal Erasing at 104-Fold Faster Speeds in Charge-Trap Flash Memory		TRON DEVICI	SCI(E)	0741-3106	10.1109/LED.2018.2885092		40	2	196	201902	2	6	8	김명수	주저자	석사	0.4	1.8731	0.7492	3.753	0.569	0.2276	0.0202	0.5787	0.2315
2017년	139	NAND-Net: Minimizing Computational Complexity of In-Memory Processing for Binary Neural		on High-Perfo	국제학술대회	BKCSA018	10.1109/HPCA.2019.00017	regular				201902	2	2	4	김현욱	주저자	석사	0.4	12.758	5.1032	4	0.708	0.2832	0.0077	0.4644	0.1858
2017년	140	Organic Vapor-Jet Printing with Reduced Heat Transfer for Fabrication of Flexible Organic		Materials Te	SCI(E)	2365-709X	10.1002/admt.201800332		4	2	2E+06	201902	2	7	9	김성연	주저자	석사	0.4	0.6817	0.2727	5.395	0.412	0.1648	0.0034	0.0364	0.0145
2017년	141	Rulmine Power Management of Battery Electric Vehicles for Extended Range With Consideration of Driving Time		LARGE SCALE	SCI(E)	1063-8210	10.1109/TVLSI.2018.2880441		27	3	549	201903	2	0	2	백돈규	주저자	박사	0.5	1.7825	0.8913	1.946	0.318	0.159	0.0111	0.7289	0.3644
2017년	142	Alternative Method for Obtaining Antenna Current Green's Function based on Infinitesimal Dipole Modeling		ON ANTENNA	SCI(E)	0018-926X	10.1109/TAP.2019.2894279		67	4	2583	201904	2	2	4	조혜원	기타저자	석사	0.1	1.0266	0.1027	4.435	0.673	0.0673	0.048	1.4657	0.1466

2017년	143	Binocular Fusion Net: Deep Learning Visual Comfort Assessment for Stereoscopic 3D		ITS AND SYS	SCI(E)	1051-8215	10.1109/TCSVT.2018.2817250		29	4	956	201904	3	1	4	정현욱	주저자	석사	0.2857	3.3356	0.953	4.046	0.614	0.1754	0.0163	0.4664	0.1333
2017년	144	Efficient Perovskite Light-Emitting Diodes Using Polycrystalline Core–Shell-Mimicked Nanograins		FUNCTIONAL	SCI(E)	1616-301X	10.1002/adfm.201902017		29	22	2E+06	201904	2	9	11	박재혁	기타저자	석사	0.0222	7.8339	0.1739	15.621	1.36	0.0302	0.176	1.893	0.042
2017년	145	Smartwatch Strap Wireless Power Transfer System With Flexible PCB Coil and Shielding Material		S ON INDUS	SCI(E)	0278-0046	10.1109/TIE.2018.2860534		66	5	4054	201904	1	8	9	정승택	주저자	석사	0.5	1.8364	0.9182	7.503	1.635	0.8175	0.1006	2.883	1.4415
2017년	146	Ultrathin EOT (0.67 nm) High-k Dielectric on Ge MOSFET Using Y doped ZrO2 with Record-low Leakage Current		TRON DEVICI	SCI(E)	0741-3106	10.1109/LED.2019.2899139		40	4	502	201904	2	7	9	이태인	주저자	석사	0.4	0.9365	0.3746	3.753	0.569	0.2276	0.0202	0.5787	0.2315
2017년	147	Chemically exfoliated 1T-phase transition metal dichalcogenide nanosheets for transparent antibacterial		2D Materials	SCI(E)	2053-1583	10.1088/2053-1583/ab070e		6	2	25025	201904	2	3	5	김태인	주저자	석사	0.4	2.9869	1.1948	7.343	0.561	0.2244	0.0228	0.2454	0.0982
2017년	148	Power-Efficient Spin-Torque Nano-Oscillator-Based Wireless Communication With CMOS High-Gain Low-Noise Transmitter and		ACTIONS ON	SCI(E)	0018-9464	10.1109/TMAG.2019.2903489		55	5	4E+06	201905	2	5	7	김승훈	기타저자	석사	0.04	0.9365	0.0375	1.651	0.251	0.01	0.0258	0.7389	0.0296
2017년	149	Triple-Frame-Based Bi-Directional Motion Estimation for Motion-Compensated Frame Interpolation		ITS AND SYS	SCI(E)	1051-8215	10.1109/TCSVT.2018.2840842		29	5	1251	201905	2	1	3	최기용	주저자	석사	0.4	0	0	4.046	0.614	0.2456	0.0163	0.4664	0.1866
2017년	150	A Reference-Free Temperature-Dependency-Compensating Readout Scheme for Phase-Change Memory Using Flash-ADC-Configured Sense		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2019.2899720		54	6	1812	201906	2	7	9	김미영	기타저자	석사	0.0285	0	0	5.173	0.785	0.0224	0.0242	0.6933	0.0198
2017년	151	Contactless Linear Rotary Joint at Ku-Band		D WIRELESS C	SCI(E)	1531-1309	10.1109/LMWC.2019.2912271		29	6	373	201906	1	2	3	박준형	기타저자	석사	0.25	0	0	2.374	0.36	0.09	0.0144	0.4137	0.1034

2017년	152	Deep Learning Approaches to Detect Atrial Fibrillation Using Photoplethysmographic Signals: Algorithms Development		hHealth and u	SCI(E)	2291-5222	10.2196/12770		7	6		201906	2	9	11	홍준기	주저자	석사	0.4	0	0	4.301	1.008	0.4032	0.0079	0.3707	0.1483
2017년	153	Dense Relational Captioning: Triple-Stream Networks for Relationship-Based Captioning		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2019.00643	regular				201906	2	2	4	김동진	주저자	석사	0.4	5.1284	2.0513	4	0.708	0.2832	0.0077	0.4644	0.1858
2017년	154	Fully Digital Beamforming Receiver With a Real-Time Calibration for 5G Mobile Communication		ON ANTENNA	SCI(E)	0018-926X	10.1109/TAP.2019.2902712		67	6	3809	201906	1	4	5	김동찬	주저자	석사	0.5	0	0	4.435	0.673	0.3365	0.048	1.4657	0.7329
2017년	155	Optimization of steady-state pulsed CEST imaging for amide proton transfer at 3T MRI		RESONANCE I	SCI(E)	0740-3194	10.1002/mrm.27674		81	6	3616	201906	2	1	3	김병재	주저자	석사	0.4	1.1936	0.4774	3.858	0.673	0.2692	0.035	1.0903	0.4361
2017년	156	Progressive Attention Memory Network for Movie Story Question Answering		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2019.00853 10.1109/CVPR.2019.00853	regular				201906	2	3	5	김준영	주저자	석사	0.4		0	4	0.708	0.2832	0.0077	0.4644	0.1858
2017년	157	Simulation-based Distributed Coordination Maximization over Networks		on Control of	SCI(E)	2325-5870	10.1109/TCNS.2018.2873162		6	2	713	201906	2	1	3	장혜령	주저자	박사	0.4	0	0	4.802	0.855	0.342	0.0065	0.4363	0.1745
2017년	158	ConvAE: A New Channel Autoencoder Based on Convolutional Layers and Residual Connections		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2019.2930287		23	10	1769	201910	2	1	3	박진솔	기타저자	석사	0.2	0.6429	0.1286	3.457	0.464	0.0928	0.0285	0.87	0.174
2017년	159	Skeleton-Based Gait Recognition via Robust Frame-Level Matching		Information F	SCI(E)	1556-6013	10.1109/TIFS.2019.2901823		14	10	2577	201910	2	2	4	최석언	주저자	석사	0.4	3.1003	1.2401	6.211	1.208	0.4832	0.0195	1.628	0.6512
2017년	160	An Interleaved Totem-Pole Bridgeless Boost PFC Converter with Soft-Switching Capability Adopting Phase-		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2019.2900342		34	11	10610	201911	2	2	4	박무현	주저자	석사	0.4	0	0	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2017년	161	Secure Clustered Distributed Storage Against Eavesdropping		NS ON INFOI	SCI(E)	0018-9448	10.1109/TIT.2019.2924895		65	11	7646	201911	1	3	4	최병준	주저자	석사	0.5	0	0	3.215	0.573	0.2865	0.0399	2.6766	1.3383

2017년	162	A 12 Gb/s 1.59 mW/Gb/s Input-Data-Jitter-Tolerant Injection-Type CDR with Super-Harmonic Injection-Locking in 65-nm CMOS		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2019.2898647		66	12	1972	201912	1	4	5	정종수	주저자	석사	0.5	0	0	3.25	0.493	0.2465	0.0121	0.3467	0.1733
2017년	163	Fast Computation of Integer DCT-V, DCT-VIII, and DST-VII for Video Coding		ONS ON IMA	SCI(E)	1057-7149	10.1109/TIP.2019.2900653		28	12	5839	201912	2	1	3	박운성	주저자	석사	0.4	0	0	6.79	1.03	0.412	0.0615	2.5328	1.0131
2017년	164	Nonmechanical three-dimensional beam steering using electrowetting-based liquid lens sandwich prism		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.27.036757		27	25	36757	201912	2	1	3	이준식	주저자	석사	0.4	0	0	3.561	0.466	0.1864	0.1733	3.7318	1.4927
2017년	165	structure Transferable Free-form OLEDs for Wearable and Disposable Skin Wound Phototherapy		cience & App	SCI(E)	2047-7538	10.1038/s41377-019-0221-3		8		114	201912	3	4	7	전용민	주저자	석사	0.2857	0	0	14	1.833	0.5237	0.0192	0.4127	0.1179
2018년	1	BER-Aware ADC-Based 2 ×1 MIMO Blind Receiver for High Speed Broadband Communication Links		RCUITS AND S	SCI(E)	1549-8328	10.1109/TCSI.2013.2295013		61	6	1872	201406	2	0	2	전세준	주저자	박사	0.5	0	0	3.934	0.597	0.2985	0.0218	0.6257	0.3129
2018년	2	Underdetermined Convolutive BSS: Bayes Risk Minimization Based on a Mixture of Super-Gaussian Posterior Approximation		Audio Speech	SCI(E)	2329-9290	10.1109/TASLP.2015.2409778		23	5	828	201503	2	0	2	조장훈	주저자	박사	0.5	1.4198	0.7099	3.531	0.781	0.3905	0.0068	0.3618	0.1809
2018년	3	Accurate Depth Map Estimation from a Lenslet Light Field Camera		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2015.7298762	regular				201506	2	5	7	전해곤	주저자	박사	0.4	19.337	7.7347	4	0.708	0.2832	0.0077	0.4644	0.1858
2018년	4	Visual Hull-Based Geometric Data Compression of a 3-D Object		ITS AND SYST	SCI(E)	1051-8215	10.1109/TCSVT.2014.2361420		25	7	1151	201507	2	2	4	유지성	기타저자	박사	0.1	0.3077	0.0308	4.046	0.614	0.0614	0.0163	0.4664	0.0466
2018년	5	Multi-Standard Hybrid PLL With Low Phase-Noise Characteristics for GSM/EDGE and LTE Applications		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2015.2469251		63	10	3254	201510	2	4	6	최용창	주저자	박사	0.4	0.5567	0.2227	3.756	0.57	0.228	0.0321	0.9182	0.3673
2018년	6	Towards highly efficient and highly transparent OLEDs: advanced considerations for emission zone coupled with capping layer		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.23.027306		23	21	27306	201510	2	6	8	정진	주저자	박사	0.4	0.2295	0.0918	3.561	0.466	0.1864	0.1733	3.7318	1.4927
2018년	7	Efficient parallel architecture for linear feedback shift registers		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2015.2456294		62	11	1068	201511	2	2	4	정재환	주저자	박사	0.4	0.5832	0.2333	3.25	0.493	0.1972	0.0121	0.3467	0.1387

2018년	8	General Unified Analyses of Two-Capacitor Inductive Power Transfer Systems: Equivalence of Current-Source SS and SP		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2015.2409734		30	11	6030	201511	2	4	6	손영훈	주저자	박사	0.4	8.1651	3.266	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2018년	9	Salient Region Detection via High-Dimensional Color Transform and Local Spatial Support		ONS ON IMA	SCI(E)	1057-7149	10.1109/TIP.2015.2495122		25	1	9	201601	2	2	4	김지환	주저자	박사	0.4	6.4599	2.584	6.79	1.03	0.412	0.0615	2.5328	1.0131
2018년	10	A D-band Gain-Boosted Current Bleeding Down-Conversion Mixer in 65 nm CMOS for Chip-to-Chip Communication		D WIRELESS C	SCI(E)	1531-1309	10.1109/LMWC.2016.2517132		26	2	143	201602	1	1	2	이채준	주저자	박사	0.5	1.04	0.52	2.374	0.36	0.18	0.0144	0.4137	0.2069
2018년	11	A Separate Extraction Method for Asymmetric Source and Drain Resistances Using Frequency-Dispersive C-V Characteristics in Exfoliated MoS2		TRON DEVICI	SCI(E)	0741-3106	10.1109/LED.2015.2509473		37	2	231	201602	2	10	12	김충기	주저자	박사	0.4	0.4377	0.1751	3.753	0.569	0.2276	0.0202	0.5787	0.2315
2018년	12	Energy-efficient floating-point MFCC extraction architecture for speech recognition systems		LARGE SCALE	SCI(E)	1063-8210	10.1109/TVLSI.2015.2413454		24	2	754	201602	2	1	3	조지혁	주저자	박사	0.4	1.8044	0.7218	1.946	0.318	0.1272	0.0111	0.7289	0.2916
2018년	13	Training Beam Sequence Design for Millimeter-Wave MIMO Systems: A POMDP Framework		ONS ON SIGN	SCI(E)	1053-587X	10.1109/TSP.2015.2496241		64	5	1228	201603	2	2	4	서준영	주저자	박사	0.4	2.6335	1.0534	5.23	0.794	0.3176	0.0547	1.5677	0.6271
2018년	14	A 675 GHz Differential Oscillator Based on a Resonant Tunneling Diode		Terahertz Sci	SCI(E)	2156-342X	10.1109/TTHZ.2016.2554399		6	3	510	201605	2	2	4	김맹규	주저자	박사	0.4	1.0083	0.4033	3.03	0.46	0.184	0.0053	0.1507	0.0603
2018년	15	Efficient Synthesis-Based Depth Map Coding in AVC-Compatible 3D Video Coding		ITS AND SYS	SCI(E)	1051-8215	10.1109/TCSVT.2015.2441491		26	6	1107	201606	2	0	2	이진영	주저자	박사	0.5	1.2553	0.6277	4.046	0.614	0.307	0.0163	0.4664	0.2332
2018년	16	Simultaneous Estimation of Near IR BRDF and Fine-Scale Surface Geometry		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2016.269	regular				201606	2	1	3	최경민	주저자	박사	0.4	1.0733	0.4293	4	0.708	0.2832	0.0077	0.4644	0.1858
2018년	17	Synergetic electrode architecture for efficient graphene-based flexible organic light-emitting diodes		re Communic	SCI(E)	2041-1723	10.1038/ncomms11791		7		11791	201606	5	8	13	이재호	주저자	박사	0.1818	7.434	1.3515	11.878	0.886	0.1611	1.1032	1.9018	0.3457

2018년	18	Active Silicon Interposer Design for Interposer-Level Wireless Power Transfer Technology for High-Density 2.5-Dim/3-D ICs		nts Packaging	SCI(E)	2156-3950	10.1109/TCPMT.2016.2582904		6	8	1148	201608	2	3	5	송진욱	주저자	박사	0.4	0.9886	0.3954	1.86	0.339	0.1356	0.0066	0.3705	0.1482
2018년	19	Improving Non-Orthogonal Multiple Access by Forming Relaying Broadcast Channels		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2016.2592901		20	9	1816	201609	2	0	2	소정호	주저자	박사	0.5	3.1455	1.5728	3.457	0.464	0.232	0.0285	0.87	0.435
2018년	20	Nanoporous Pirani sensor based on anodic aluminum oxide		D PHYSICS L	SCI(E)	0003-6951	10.1063/1.4963183		109	12	123505	201609	1	3	4	전광재	주저자	박사	0.5	0.4681	0.2341	3.521	0.307	0.1535	0.2247	2.1124	1.0562
2018년	21	Performance-enhanced triboelectric nanogenerator using the glass transition of polystyrene		Nano Energy	SCI(E)	2211-2855	10.1016/j.nanoen.2016.07.001		27		306	201609	3	4	7	초일웅	주저자	석사	0.2857	0.8743	0.2498	15.548	1.354	0.3868	0.0873	0.9387	0.2682
2018년	22	An Energy-Efficient Embedded Deep Neural Network Processor for High Speed Visual Attention in Mobile Vision		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2016.2582864		51	10	2380	201610	1	3	4	박성욱	주저자	박사	0.5	0.6786	0.3393	5.173	0.785	0.3925	0.0242	0.6933	0.3467
2018년	23	Deep CNNs Along the Time Axis With Intermap Pooling for Robustness to Spectral Variations		L PROCESSIN	SCI(E)	1070-9908	10.1109/LSP.2016.2589962		23	10	1310	201610	2	3	5	이화란	주저자	박사	0.4	0.3835	0.1534	3.268	0.496	0.1984	0.0249	0.7145	0.2858
2018년	24	Enhanced water droplet mobility on superhydrophobic rippled nanoshell arrays		D PHYSICS L	SCI(E)	0003-6951	10.1063/1.4964450		109	15	151601	201610	3	2	5	임훤	주저자	박사	0.2857	0.0936	0.0267	3.521	0.307	0.0877	0.2247	2.1124	0.6035
2018년	25	Feasibility Study and Spatial-Temporal Characteristics Analysis for 28 GHz Outdoor Wireless Channel Modelling		Communicat	SCI(E)	1751-8628	10.1049/iet-com.2015.0318		10	17	5448:00	201611	1	8	9	고정훈	주저자	박사	0.5	1.1629	0.5815	1.779	0.27	0.135	0.0049	0.1401	0.0701
2018년	26	Effective Background Model-Based RGB-D Dense Visual Odometry in a Dynamic Environment		nsactions on	SCI(E)	1552-3098	10.1109/TRO.2016.2609395		32	6	7560:00	201612	2	0	2	김덕화	주저자	박사	0.5	3.0355	1.5178	6.483	0.757	0.3785	0.0129	1.4993	0.7497

2018년	27	Measurement and Analysis of Glass Interposer Power Distribution Network Resonance Effects on a High-Speed Through Glass Via		N ELECTROMA	SCI(E)	0018-9375	10.1109/TEMC.2016.2587824		58	6	1747	201612	2	9	11	김영우	주저자	박사	0.4	0.6815	0.2726	2.274	0.345	0.138	0.0053	0.1631	0.0653
2018년	28	Low-Resistive High-Work-Function Gate Electrode for Transparent a-IGZO TFTs		ONS ON ELE	SCI(E)	0018-9383	10.1109/TED.2016.2631567		64	1	164	201701	3	6	9	박정우	기타저자	석사	0.0238	0.1435	0.0034	2.704	0.41	0.0098	0.0251	0.72	0.0171
2018년	29	Total Ionizing Dose Effects on a 12-bit 40kS/s SAR ADC Designed With a Dummy Gate-Assisted n-MOSFET		IONS ON NU	SCI(E)	0018-9499	10.1109/TNS.2016.2631723		64	1	648	201701	2	0	2	김태효	주저자	박사	0.5	0.4684	0.2342	1.428	0.624	0.312	0.0103	0.5132	0.2566
2018년	30	A DC-to-12.5 Gb/s 9.76 mW/Gb/s All-Rate CDR With a Single LC VCO in 90 nm CMOS		OF SOLID-ST	SCI(E)	0018-9200	10.1109/JSSC.2016.2646803		52	3	856	201703	2	1	3	윤종혁	주저자	박사	0.4	0.7324	0.293	5.173	0.785	0.314	0.0242	0.6933	0.2773
2018년	31	APUNet: Revitalizing GPU as Packet Processing Accelerator		orked System	국제학술대회	BKCSA038	2-s2.0-85076890451	regular				201703	2	3	5	고영환	주저자	박사	0.4	11.904	4.7615	4	0.708	0.2832	0.0077	0.4644	0.1858
2018년	32	Complex Video Scene Analysis using Kernelized Collaborative Behavior Pattern Learning based on Hierarchical Representative		ITS AND SYS	SCI(E)	1051-8215	10.1109/TCSVT.2016.2539540		27	6	1275	201703	2	1	3	박상혁	주저자	박사	0.4	0.6987	0.2795	4.046	0.614	0.2456	0.0163	0.4664	0.1866
2018년	33	Enhancing Security and Privacy of Tor's Ecosystem by Using Trusted Execution Environments		orked System	국제학술대회	BKCSA038	https://www.usenix.org/system/files/conference/nsdi17/nsdi17-kim-seongmin.pdf	regular			145	201703	2	3	5	한주형	기타저자	석사	0.0666		0	4	0.708	0.0472	0.0077	0.4644	0.0309
2018년	34	LHCP and RHCP Substrate Integrated Waveguide Antenna Arrays for Millimeter-Wave Applications		d Wireless Pr	SCI(E)	1536-1225	10.1109/LAWP.2016.2594081		16		601	201703	2	0	2	박성진	주저자	박사	0.5	2.4901	1.2451	3.51	0.533	0.2665	0.0317	0.9696	0.4848
2018년	35	Optimal resource allocation for packet delay minimization in multi-layer UAV networks		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2016.2626293		21	3	580	201703	2	0	2	Li Jin	주저자	박사	0.5	5.7494	2.8747	3.457	0.464	0.232	0.0285	0.87	0.435
2018년	36	Cardiac Image Reconstruction via Nonlinear Motion Correction Based on Partial Angle Reconstructed Images		IONS ON ME	SCI(E)	0278-0062	10.1109/TMI.2017.2654508		36	5	1151	201705	2	1	3	김승언	주저자	박사	0.4	0.8328	0.3331	7.816	1.399	0.5596	0.025	1.1847	0.4739

2018년	37	Deep Representation of Industrial Components using Simulated Images		ference on Ro	국제학술대회	BKCSA157	10.1109/ICRA.2017.7989232	regular				201705	2	2	4	김성흠	주저자	박사	0.4	0.3788	0.1515	1	0.177	0.0708	0.0019	0.1161	0.0464
2018년	38	Rumor Source Detection under Querying with Untruthful Answers		on Computer	국제학술대회	BKCSA017	10.1109/INFOCOM.2017.8057194	regular				201705	2	4	6	우지인	기타저자	석사	0.05	3.4836	0.1742	4	0.708	0.0354	0.0077	0.4644	0.0232
2018년	39	An Efficient Crosstalk-Included Eye-Diagram Estimation Method for High-Speed Interposer Channel on 2.5-D and 3-D IC		N ELECTROMA	SCI(E)	0018-9375	10.1109/TEMC.2016.2630080		59	3	927	201706	2	4	6	최수민	주저자	박사	0.4	0	0	2.274	0.345	0.138	0.0053	0.1631	0.0653
2018년	40	Combined Subband-Subcarrier Spectral Shaping in Multi-Carrier Modulation under the Excess Frame Length Constraint		CTED AREAS	SCI(E)	0733-8716	10.1109/JSAC.2017.2687378		35	6	1339	201706	1	4	5	한동준	주저자	석사	0.5	0.4403	0.2202	9.302	1.412	0.706	0.0461	1.4077	0.7038
2018년	41	Through-Silicon Via Capacitance-Voltage Hysteresis Modeling for 2.5-D and 3-D IC		nts Packaging	SCI(E)	2156-3950	10.1109/TCPMT.2017.2670063		7	6	925	201706	1	11	12	김동현	주저자	박사	0.5	0.2861	0.1431	1.86	0.339	0.1695	0.0066	0.3705	0.1852
2018년	42	Reconstruction of Arm Movement Directions from Human Motor Cortex using fMRI		ers in Neuros	SCI(E)	1662-453X	10.3389/fnins.2017.00434		11		434	201707	2	0	2	남승규	주저자	박사	0.5	0	0	3.648	0.421	0.2105	0.043	0.9379	0.4689
2018년	43	Time-Optimal Trajectory Planning Based on Dynamics for Differential-Wheeled Mobile Robots With a Geometric		S ON INDUST	SCI(E)	0278-0046	10.1109/TIE.2017.2677331		64	7	5502	201707	2	0	2	김윤정	주저자	박사	0.5	2.5749	1.2875	7.503	1.635	0.8175	0.1006	2.883	1.4415
2018년	44	A novel Technique for Curing Hot-Carrier-Induced Damage by Utilizing the Forward Current of the PN-Junction in a MOSFET		TRON DEVICI	SCI(E)	0741-3106	10.1109/LED.2017.2718583		38	8	1012	201708	2	6	8	이건범	주저자	석사	0.4	1.2915	0.5166	3.753	0.569	0.2276	0.0202	0.5787	0.2315
2018년	45	Credit-scheduled delay-bounded congestion control for datacenters		GCOMM Con	국제학술대회	BKCSA006	10.1145/3098822.3098840	regular			239	201708	3	0	3	조인호	주저자	석사	0.3333	14.452	4.8168	4	0.708	0.236	0.0077	0.4644	0.1548
2018년	46	Improvement in Computation Time of 3-D Scattering Center Extraction Using the Shooting and Bouncing Ray Technique		ON ANTENNA	SCI(E)	0018-926X	10.1109/TAP.2017.2708078		65	8	4191	201708	1	5	6	윤달재	주저자	박사	0.5	0.7324	0.3662	4.435	0.673	0.3365	0.048	1.4657	0.7329

2018년	47	Improvement of Antenna Model Accuracy Using Error Matrix Optimization for an Active Synthetic Aperture Radar		d Wireless Pr	SCI(E)	1536-1225	10.1109/LAWP.2017.2766246		16		3163	201708	1	3	4	이동우	주저자	박사	0.5	0	0	3.51	0.533	0.2665	0.0317	0.9696	0.4848
2018년	48	Microstructural Effects on Nickel Oxide Film Properties in an Infrared Electrochromic Window for Shutter-Less Infrared Sensor		SENSORS JOU	SCI(E)	1530-437X	10.1109/JSEN.2017.2748721		17	20	6522	201708	1	3	4	심현빈	주저자	박사	0.5	0.3366	0.1683	3.076	0.67	0.335	0.0293	0.8406	0.4203
2018년	49	Temporally Robust Eye Movements through Task Priming and Self-referential Stimuli		cientific Repo	SCI(E)	2045-2322	10.1038/s41598-017-07641-7		7		7257	201708	2	2	4	정은수	주저자	박사	0.4	0	0	4.011	0.299	0.1196	1.0614	1.8297	0.7319
2018년	50	The Performance of Uniaxially Strained Phosphorene Tunneling Field-Effect Transistors		TRON DEVICI	SCI(E)	0741-3106	10.1109/LED.2017.2712259		38	8	1150	201708	2	1	3	정성우	기타저자	석사	0.2	0.4305	0.0861	3.753	0.569	0.1138	0.0202	0.5787	0.1157
2018년	51	A 5-GHz WLAN RF CMOS Power Amplifier With a Parallel-Cascoded Configuration and an Active Feedback Linearizer		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2017.2691766		65	9	3230	201709	2	1	3	강승훈	주저자	박사	0.4	2.7213	1.0885	3.756	0.57	0.228	0.0321	0.9182	0.3673
2018년	52	An Integrated Dual-Mode CMOS Power Amplifier With Linearizing Body Network		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2016.2624302		64	9	1037	201709	2	2	4	정광현	주저자	박사	0.4	1.4648	0.5859	3.25	0.493	0.1972	0.0121	0.3467	0.1387
2018년	53	Functional circuitry on commercial fabric via textile-compatible nanoscale film coating process for fiber-type		NANO LETTER	SCI(E)	1530-6984	10.1021/acs.nanolett.7b03435		17	10	6443	201709	3	10	13	배학열	주저자	박사	0.2857	2.2924	0.6549	12.279	1.069	0.3054	0.3006	3.2338	0.9239
2018년	54	Glass-Interposer Electromagnetic Bandgap Structure With Defected Ground Plane for Broadband Suppression of Power/Ground		nts Packaging	SCI(E)	2156-3950	10.1109/TCPMT.2017.2730853		7	9	1493	201709	1	10	11	박갑열	기타저자	석사	0.05	0.5722	0.0286	1.86	0.339	0.017	0.0066	0.3705	0.0185
2018년	55	Material Optimization for a High Power Thermoelectric Generator in Wearable Applications		ied Sciences-	SCI(E)	2076-3417	10.3390/app7101015		7	10	1015	201709	2	7	9	이규섭	주저자	석사	0.4	0.7132	0.2853	2.217	0.193	0.0772	0.0089	0.0956	0.0383

2018년	56	A Boost PFC Stage Utilized as Half-Bridge Converter for High-Efficiency DC–DC Stage in Power Supply Unit		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2016.2631626		32	10	7449	201710	2	3	5	백재일	주저자	박사	0.4	2.4901	0.996	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2018년	57	An Asymmetric Half-Bridge Resonant Converter Having a Reduced Conduction Loss for DC/DC Power Applications With a Wide Range of		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2016.2639069		32	10	7795	201710	2	2	4	정연호	주저자	박사	0.4	3.9549	1.582	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2018년	58	Learning-based Adaptive Imputation Method with kNN Algorithm for Missing Power Data		Energies	SCI(E)	1996-1073	10.3390/en10101668		10	10	20	201710	2	3	5	김민경	주저자	석사	0.4	0.4162	0.1665	2.707	0.209	0.0836	0.0244	0.2739	0.1096
2018년	59	Pin Accessibility-Driven Cell Layout Redesign and Placement Optimization		utomation C	국제학술대회	BKCSA058	10.1145/3061639.3062302	regular				201710	2	2	4	서재우	주저자	석사	0.4	3.6115	1.4446	3	0.531	0.2124	0.0058	0.3483	0.1393
2018년	60	Spherical Harmonic Smoothing for Localizing Coherent Sound Sources		Audio Speec	SCI(E)	2329-9290	10.1109/TASLP.2017.2738698		25	10	1969	201710	2	0	2	조병호	주저자	석사	0.5	0.4244	0.2122	3.531	0.781	0.3905	0.0068	0.3618	0.1809
2018년	61	Two-phase learning for weakly supervised object localization		nference on	국제학술대회	BKCSA025	10.1109/ICCV.2017.382	regular				201710	2	3	5	김다훈	주저자	석사	0.4	3.2732	1.3093	4	0.708	0.2832	0.0077	0.4644	0.1858
2018년	62	A 1.4-m Omega-Sensitivity 94-dB Dynamic-Range Electrical Impedance Tomography SoC and 48-Channel Hub-SoC for 3-D Lung Ventilation Monitoring		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2017.2753234		52	11	2829	201711	1	10	11	이지원	기타저자	석사	0.05	1.6112	0.0806	5.173	0.785	0.0393	0.0242	0.6933	0.0347
2018년	63	Channel Training for MIMO Relay Systems in the Presence of Interference		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2017.2758403		66	11	10601	201711	2	2	4	전창재	주저자	박사	0.4	0	0	5.339	0.957	0.3828	0.0466	2.4192	0.9677
2018년	64	Plasmonic Chromatic Electrode with Low Resistivity		cientific Repo	SCI(E)	2045-2322	10.1038/s41598-017-15465-8		7		15206	201711	5	2	7	정동준	기타저자	석사	0.0454	0.5237	0.0238	4.011	0.299	0.0136	1.0614	1.8297	0.0831
2018년	65	SUPA: A Single Unified Read-Write Buffer and Pattern-Change-Aware FTL for the High Performance of Multi-Channel SSD		ansactions on	SCI(E)	1553-3077	10.1145/3129901		13	4		201711	1	2	3	김동진	주저자	박사	0.5	0.3236	0.1618	1.322	0.32	0.16	0.001	0.093	0.0465

2018년	66	Backlog estimation for uplink/downlink fairness in unsaturated bidirectional CSMA networks		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2017.2752744		21	12	2702	201712	2	2	4	김자영	주저자	박사	0.4	0.4661	0.1864	3.457	0.464	0.1856	0.0285	0.87	0.348
2018년	67	Nano-electromechanical Switch Based on a Physical Unclonable Function for Highly Robust and Stable Performance in Harsh		ACS Nano	SCI(E)	1936-0851	10.1021/acsnano.7b06658		11	12	12547	201712	2	9	11	황규만	주저자	석사	0.4	1.6249	0.65	13.903	1.099	0.4396	0.3257	3.5037	1.4015
2018년	68	Microwave Power Transfer with Optimal Number of Rectenna Array for Mid-Range Applications		d Wireless Pr	SCI(E)	1536-1225	10.1109/LAWP.2017.2778507		17	1	155	201801	2	3	5	강승태	주저자	박사	0.4	3.5822	1.4329	3.51	0.533	0.2132	0.0317	0.9696	0.3878
2018년	69	Memristive Logic-in-Memory Integrated Circuits for Energy-Efficient Flexible Electronics		FUNCTIONAL	SCI(E)	1616-301X	10.1002/adfm.201704725		28	2	2E+06	201801	3	4	7	장병철	주저자	박사	0.2857	2.6733	0.7638	15.621	1.36	0.3886	0.176	1.893	0.5408
2018년	70	A Low-Power Convolutional Neural Network Face Recognition Processor and a CIS Integrated With Always-on Face Detection		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2017.2767705		53	1	115	201801	1	4	5	봉경렬	주저자	박사	0.5	4.3498	2.1749	5.173	0.785	0.3925	0.0242	0.6933	0.3467
2018년	71	Effects of Si/SiO2 interface stress on the performance of ultra-thin-body field effect transistors: a first-principles study		NOTECHNOL	SCI(E)	0957-4484	10.1088/1361-6528/aa9a69		29	2	25201	201801	2	0	2	정효은	주저자	박사	0.5	0	0	3.399	0.296	0.148	0.0482	0.518	0.259
2018년	72	Flexible and Transparent Graphene Electrode Architecture with Selective Defect Decoration for Organic Light-		FUNCTIONAL	SCI(E)	1616-301X	10.1002/adfm.201704435		28	10	2E+06	201801	2	7	9	박익준	주저자	박사	0.4	2.8643	1.1457	15.621	1.36	0.544	0.176	1.893	0.7572
2018년	73	Fully Integrated Digitally Assisted Low-Dropout Regulator for a NAND Flash Memory System		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2017.2665476		33	1	388	201801	2	3	5	윤계석	주저자	박사	0.4	1.2793	0.5117	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2018년	74	Injection Locked Triple Contact F–P LDs for Uncooled WDM Systems		ICS TECHNO	SCI(E)	1041-1135	10.1109/LPT.2017.2782784		30	2	213	201801	2	0	2	계명균	주저자	박사	0.5	0.2474	0.1237	2.553	0.387	0.1935	0.0218	0.6249	0.3124
2018년	75	Construction of a Multiway Carbon Nanotubes Loudspeaker with Finely Tunable Resonance Frequencies		Materials Te	SCI(E)	2365-709X	10.1002/admt.201700197		3	2	2E+06	201802	2	3	5	신의중	주저자	석사	0.4	0.1971	0.0788	5.395	0.412	0.1648	0.0034	0.0364	0.0145

2018년	76	Highly Stable AlInZnSnO and InZnO Double-Layer Oxide Thin-Film Transistors With Mobility Over 50 cm(2)/V.s for High-		TRON DEVICI	SCI(E)	0741-3106	10.1109/LED.2018.2805705		39	4	508	201802	1	6	7	양종헌	주저자	박사	0.5	0.9751	0.4876	3.753	0.569	0.2845	0.0202	0.5787	0.2894
2018년	77	Intensity guided cost metric for fast stereo matching under radiometric variations		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.26.004096		26	4	4096	201802	1	2	3	Khan Asim	주저자	박사	0.5	0.2547	0.1274	3.561	0.466	0.233	0.1733	3.7318	1.8659
2018년	78	ISAR imaging method of radar target with short-term observation based on ESPRIT		AGNETIC WA	SCI(E)	0920-5071	10.1080/09205071.2018.1429323		32	8	1040	201802	1	1	2	김형주	주저자	박사	0.5	0	0	1.351	0.205	0.1025	0.0026	0.0736	0.0368
2018년	79	LDPC Code Design for Distributed Storage: Balancing Repair Bandwidth, Reliability, and Storage Overhead		ONS ON COI	SCI(E)	0090-6778	10.1109/TCOMM.2017.2769116		66	2	507	201802	1	2	3	박혜경	주저자	박사	0.5	0.7676	0.3838	5.69	0.863	0.4315	0.0387	1.1825	0.5913
2018년	80	Rescoring of N-Best Hypotheses Using Top-Down Selective Attention for Automatic Speech Recognition		L PROCESSIN	SCI(E)	1070-9908	10.1109/LSP.2017.2772828		25	2	199	201802	1	4	5	김호경	주저자	박사	0.5	0.5618	0.2809	3.268	0.496	0.248	0.0249	0.7145	0.3573
2018년	81	Material-Independent Nano-Transfer onto a Flexible Substrate Using Mechanical-Interlocking Structures		ACS Nano	SCI(E)	1936-0851	10.1021/acsnano.8b00159		12	5	4387	201803	2	8	10	서민호	주저자	박사	0.4	2.4238	0.9695	13.903	1.099	0.4396	0.3257	3.5037	1.4015
2018년	82	Uncooled Infrared Micro-bolometer FPA for Multiple Digital Correlated Double Sampling		ICS TECHNOI	SCI(E)	1041-1135	10.1109/LPT.2018.2792491		30	6	517	201803	1	3	4	김민식	주저자	박사	0.5	0.7423	0.3712	2.553	0.387	0.1935	0.0218	0.6249	0.3124
2018년	83	2-Phase 3-Level ETSM With Mismatch-Free Duty Cycles Achieving 88.6% Peak Efficiency for a 20-MHz LTE RF Power Amplifier		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2017.2754651		33	4	2815	201804	2	8	10	권희동	주저자	박사	0.4	1.0234	0.4094	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2018년	84	A 4.2-mW 10-MHz BW 74.4-dB SNDR Continuous-Time Delta-Sigma Modulator With SAR-Assisted Digital-Domain		OF SOLID-ST	SCI(E)	0018-9200	10.1109/JSSC.2017.2778284		53	4	1139	201804	2	7	9	장일훈	주저자	박사	0.4	1.5352	0.6141	5.173	0.785	0.314	0.0242	0.6933	0.2773
2018년	85	Deep Learning-Aided SCMA		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2018.2792019		22	4	720	201804	2	2	4	김민호	주저자	박사	0.4	7.551	3.0204	3.457	0.464	0.1856	0.0285	0.87	0.348

2018년	86	Multidirection and multiamplitude triboelectric nanogenerator composed of porous conductive polymer with prolonged time of current generation		ted Energy M	SCI(E)	1614-6832	10.1002/aenm.201800654		8		2E+06	201804	3	5	8	김원국	주저자	석사	0.2857	1.1146	0.3184	24.884	2.167	0.6191	0.1206	1.3532	0.3866
2018년	87	On the Secrecy Rate and Optimal Power Allocation for Artificial Noise Assisted MIMOME Channels		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2017.2776338		67	4	3098	201804	2	2	4	윤상석	주저자	박사	0.4	2.3232	0.9293	5.339	0.957	0.3828	0.0466	2.4192	0.9677
2018년	88	Quantitative Analysis of Deuterium Annealing Effect on Poly-Si TFTs by Low Frequency Noise and DC I-V Characterization		ONS ON ELE	SCI(E)	0018-9383	10.1109/TED.2018.2805316		65	4	1640	201804	2	9	11	김도현	주저자	석사	0.4	0	0	2.704	0.41	0.164	0.0251	0.72	0.288
2018년	89	Color purifying optical nano-thin film for three primary colors in optoelectronics		ACS Photonic	SCI(E)	2330-4022	10.1021/acsphotonics.8b00540		5	8	3322	201805	2	4	6	한준희	주저자	박사	0.4	0.9901	0.396	7.143	0.935	0.374	0.0337	0.7247	0.2899
2018년	90	Enhanced bolometric properties of nickel oxide thin films for infrared image sensor applications by substitutional incorporation of Li		ICS INTERNA	SCI(E)	0272-8842	10.1016/j.ceramint.2018.01.213		44		7803	201805	3	2	5	강인구	주저자	박사	0.2857	0.3918	0.1119	3.45	1.108	0.3166	0.0649	2.4747	0.707
2018년	91	GPR Image Enhancement Based on Frequency Shifting and Histogram Dissimilarity		e and Remote	SCI(E)	1545-598X	10.1109/LGRS.2018.2809720		15	5	684	201805	2	3	5	김민주	주저자	박사	0.4	0	0	3.534	0.54	0.216	0.0237	0.7529	0.3011
2018년	92	A 24-GHz Low-Power RTD-Based ON?OFF Keying Oscillator With an RTD Pair Configuration		D WIRELESS C	SCI(E)	1531-1309	10.1109/LMWC.2018.2831201		28	6	521	201806	2	1	3	박재홍	주저자	박사	0.4	0.2524	0.101	2.374	0.36	0.144	0.0144	0.4137	0.1655
2018년	93	A Low Contact Resistance 4-Terminal Mems Relay Theoretical Analysis, Design, and Demonstration		DELECTROME	SCI(E)	1057-7157	10.1109/JMEMS.2018.2822402		27	3	497	201806	2	3	5	윤용훈	주저자	박사	0.4	0.2598	0.1039	2.621	0.571	0.2284	0.0051	0.1473	0.0589
2018년	94	Distort-and-Recover: Color Enhancement using Deep Reinforcement Learning		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2018.00621	regular				201806	2	2	4	박종찬	주저자	석사	0.4	3.42	1.368	4	0.708	0.2832	0.0077	0.4644	0.1858
2018년	95	Generating a Fusion Image: One's Identity and Another's Shape		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2018.00176	regular				201806	2	1	3	주동규	주저자	석사	0.4	0.4885	0.1954	4	0.708	0.2832	0.0077	0.4644	0.1858

2018년	96	Wireless Video Caching and Dynamic Streaming Under Differentiated Quality Requirements		CTED AREAS	SCI(E)	0733-8716	10.1109/JSAC.2018.2844980		36	6	1245	201806	2	1	3	최민석	주저자	박사	0.4	2.5244	1.0098	9.302	1.412	0.5648	0.0461	1.4077	0.5631
2018년	97	Fully integrated and portable semiconductor-type multi-gas sensing module for IoT applications		) ACTUATORS	SCI(E)	0925-4005	10.1016/j.snb.2018.03.099		265		660	201807	2	5	7	권순재	기타저자	박사	0.04	3.2556	0.1302	6.393	1.393	0.0557	0.089	2.3151	0.0926
2018년	98	Thermal-Variation Insensitive Force-Touch Sensing System Using Transparent Piezoelectric Thin-Film		SENSORS JOU	SCI(E)	1530-437X	10.1109/JSEN.2018.2839356		18	14	5863	201807	2	6	8	김민우	주저자	박사	0.4	0.2828	0.1131	3.076	0.67	0.268	0.0293	0.8406	0.3362
2018년	99	High-performance self-powered wireless sensor node driven by a flexible thermoelectric generator		ENERGY	SCI(E)	0360-5442	10.1016/j.energy.2018.08.064		162		526	201808	2	7	9	구현모	기타저자	석사	0.0285	1.6568	0.0472	5.537	0.915	0.0261	0.0892	2.6318	0.075
2018년	100	High-Performance Silicon MMI Switch Based on Thermo-Optic Control of Interference Modes		ICS TECHNO	SCI(E)	1041-1135	10.1109/LPT.2018.2850907		30	16	1427	201808	2	5	7	이현우	기타저자	석사	0.04	0.4948	0.0198	2.553	0.387	0.0155	0.0218	0.6249	0.025
2018년	101	Large-Area CVD-Grown MoS2 Driver Circuit Array for Flexible Organic Light-Emitting Diode Display		d Electronic	SCI(E)	2199-160X	10.1002/aelm.201800251		4	11	2E+06	201808	3	6	9	우영준	주저자	석사	0.2857	1.3902	0.3972	6.312	0.55	0.1571	0.0119	0.1284	0.0367
2018년	102	A Time-Interleaved 12-b 270-MS/s SAR ADC With Virtual-Timing-Reference Timing-Skew Calibration Scheme		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2018.2843360		53	9	2584	201809	2	4	6	강현욱	주저자	박사	0.4	0.2558	0.1023	5.173	0.785	0.314	0.0242	0.6933	0.2773
2018년	103	Efficient Ranking and Selection for Stochastic Simulation Model based on Hypothesis Test		Systems Man	SCI(E)	2168-2216	10.1109/TSMC.2017.2679192		48	9	1555	201809	1	1	2	최선한	주저자	박사	0.5	0.9611	0.4806	7.351	1.162	0.581	0.0154	0.8998	0.4499
2018년	104	EMI Reduction Methods in Wireless Power Transfer System for Drone Electrical Charger using Tightly-coupled Three-phase Resonant		S ON INDUS	SCI(E)	0278-0046	10.1109/TIE.2018.2793275		65	9	6839	201809	2	7	9	송치억	주저자	박사	0.4	4.9349	1.974	7.503	1.635	0.654	0.1006	2.883	1.1532

2018년	105	Feature-based Hand Gesture Recognition Using an FMCW Radar and its Temporal Feature Analysis		SENSORS JOU	SCI(E)	1530-437X	10.1109/JSEN.2018.2859815		18	18	7593	201809	2	3	5	류시정	주저자	박사	0.4	2.8285	1.1314	3.076	0.67	0.268	0.0293	0.8406	0.3362
2018년	106	OWARU: Free Space-Aware Timing-Driven Incremental Placement With Critical Path Smoothing		DED DESIGN (	SCI(E)	0278-0070	10.1109/TCAD.2017.2774277		37	9	1825	201809	2	3	5	정진욱	주저자	박사	0.4	0.2315	0.0926	2.402	0.43	0.172	0.0071	0.4657	0.1863
2018년	107	A 3.2GHz Supply Noise Insensitive PLL using a Gate Voltage boosted Source-Follower Regulator and Residual Noise Compensation		LARGE SCALE	SCI(E)	1063-8210	10.1109/TVLSI.2018.2845859		26	10	2170	201810	2	1	3	조영우	주저자	박사	0.4	0	0	1.946	0.318	0.1272	0.0111	0.7289	0.2916
2018년	108	A multicontrast imaging method using steady-state free precession with alternating RF flip angles		RESONANCE I	SCI(E)	0740-3194	10.1002/mrm.27342		80	4	1341	201810	2	2	4	김준수	주저자	박사	0.4	0	0	3.858	0.673	0.2692	0.035	1.0903	0.4361
2018년	109	DNPU: An Energy-Efficient Deep Learning Processor with Heterogeneous Multi-Core Architecture		IEEE MICRO	SCI(E)	0272-1732	10.1109/MM.2018.053631145		38	5	85	201810	2	3	5	신동주	주저자	박사	0.4	0.7172	0.2869	2.57	0.622	0.2488	0.0022	0.195	0.078
2018년	110	Elaborate Refresh: A Fine Granularity Retention Management for Deep Submicron DRAMs		ACTIONS ON	SCI(E)	0018-9340	10.1109/TC.2018.2820052		67	10	1403	201810	1	5	6	설호석	주저자	박사	0.5	0.5202	0.2601	3.131	0.511	0.2555	0.0149	0.9815	0.4908
2018년	111	Novel biconvex structure electrowetting liquid lenticular lens for 2D/3D convertible display		cientific Repo	SCI(E)	2045-2322	10.1038/s41598-018-33983-x		8		15416	201810	2	6	8	심지훈	주저자	석사	0.4	0.4891	0.1956	4.011	0.299	0.1196	1.0614	1.8297	0.7319
2018년	112	Simulation-Based Optimization on the System-of-Systems Model via Model Transformation and Genetic Algorithm: A Case Study of Network-Centric Warfare		COMPLEXITY	SCI(E)	1076-2787	10.1155/2018/4521672				1	201810	2	3	5	강봉구	주저자	박사	0.4	0.4891	0.1956	2.591	0.734	0.2936	0.0039	0.2588	0.1035
2018년	113	A 0.65-V, 11.2-Gb/s Power Noise Tolerant Source-Synchronous Injection-Locked Receiver With Direct DTLB-DFE		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2017.2764122		65	11	1564	201811	2	2	4	이동일	주저자	박사	0.4	0.5117	0.2047	3.25	0.493	0.1972	0.0121	0.3467	0.1387

2018년	114	A 45-uW, 162.1-dBc/Hz FoM, 490-MHz Two-Stage Differential Ring VCO without a Cross-Coupled Latch		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2017.2766674		65	11	1579	201811	1	3	4	정오용	주저자	박사	0.5	0.2558	0.1279	3.25	0.493	0.2465	0.0121	0.3467	0.1733
2018년	115	A Colpitts Oscillator-Based Self-Starting Boost Converter for Thermoelectric Energy Harvesting with 40-mV Startup Voltage and 75% Maximum		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2018.2863951		53	11	3293	201811	2	1	3	임백민	주저자	박사	0.4	1.2793	0.5117	5.173	0.785	0.314	0.0242	0.6933	0.2773
2018년	116	A Comprehensive Study of a Single-Transistor Latch in Vertical Pillar-Type FETs With Asymmetric Source and Drain		ONS ON ELE	SCI(E)	0018-9383	10.1109/TED.2018.2869670		65	11	5208	201811	2	7	9	이승욱	주저자	석사	0.4	0.4875	0.195	2.704	0.41	0.164	0.0251	0.72	0.288
2018년	117	AutoVOI: real-time automatic prescription of volume-of-interest for single voxel spectroscopy		RESONANCE	SCI(E)	0740-3194	10.1002/mrm.27203		80	5	1787	201811	1	11	12	박영우	주저자	박사	0.5	1.3144	0.6572	3.858	0.673	0.3365	0.035	1.0903	0.5451
2018년	118	Characteristics of hetero-structured thermoelectric devices with a-Si/Mg2Si-stacked thin film layers		TRONICS LET	SCI(E)	0013-5194	10.1049/el.2018.6352		54	24	1399	201811	2	4	6	이지화	주저자	석사	0.4	0	0	1.343	0.204	0.0816	0.0218	0.6251	0.2501
2018년	119	Generalised moment generating function-based secrecy performance analysis over fisher-snedecor f composite fading		TRONICS LET	SCI(E)	0013-5194	10.1049/el.2018.5111		54	24	1381	201811	2	1	3	공진우	주저자	석사	0.4	0.7676	0.307	1.343	0.204	0.0816	0.0218	0.6251	0.2501
2018년	120	Large-Area CVD-Grown MoS2 Driver Circuit Array for Flexible Organic Light-Emitting Diode Display		d Electronic	SCI(E)	2199-160X	10.1002/aelm.201800251		4	11	2E+06	201811	2	6	8	홍웅기	주저자	석사	0.4	1.3902	0.5561	6.312	0.55	0.22	0.0119	0.1284	0.0513
2018년	121	A Low-Power Photoplethysmogram-Based Heart Rate Sensor Using Heartbeat Locked Loop		Biomedical	SCI(E)	1932-4545	10.1109/TBCAS.2018.2876671		12	6	1220	201812	2	2	4	장도훈	기타저자	석사	0.1	0.7397	0.074	4.252	0.645	0.0645	0.0069	0.2872	0.0287
2018년	122	Energy-efficient Convolution Architecture Based on Rescheduled Dataflow		RCUITS AND S	SCI(E)	1549-8328	10.1109/TCSI.2018.2840092		65	12	4196	201812	2	1	3	김수창	기타저자	석사	0.2	0.5117	0.1023	3.934	0.597	0.1194	0.0218	0.6257	0.1251

2018년	123	Hierarchical Extended Bilateral Motion Estimation based Frame Rate Up-Conversion using Learning based Linear Mapping		ONS ON IMA	SCI(E)	1057-7149	10.1109/TIP.2018.2861567		27	12	5918	201812	3	0	3	김현호	주저자	석사	0.3333	0.2193	0.0731	6.79	1.03	0.3433	0.0615	2.5328	0.8442
2018년	124	Low-Power Scalable 3-D Face Frontalization Processor for CNN-based Face Recognition in Mobile Devices		d Selected T	SCI(E)	2156-3357	10.1109/JETCAS.2018.2845663		8	4	873	201812	1	5	6	강상훈	주저자	석사	0.5	1.2793	0.6397	3.433	0.521	0.2605	0.004	0.1152	0.0576
2018년	125	Unified Simultaneous Clustering and Feature Selection for Unlabeled and Labeled Data		eural Network	SCI(E)	2162-237X	10.1109/TNNLS.2018.2818444		29	12	6083	201812	2	0	2	한동윤	주저자	박사	0.5	0.4327	0.2164	11.683	2.272	1.136	0.0402	3.3518	1.6759
2018년	126	Weavable and Highly Efficient Organic Light-Emitting Fibers for Wearable Electronics: Achieved by a Scalable, Low-Temperature		NANO LETTER	SCI(E)	1530-6984	10.1021/acs.nanolett.7b04204		18	1	347	201812	2	7	9	권선일	주저자	박사	0.4	5.242	2.0968	12.279	1.069	0.4276	0.3006	3.2338	1.2935
2018년	127	Design of Highly Water Resistant, Impermeable, and Flexible Thin-Film Encapsulation Based on Inorganic/Organic Hybrid Layers		d Materials &	SCI(E)	1944-8244	10.1021/acsami.8b11930		11	3	3251	201901	2	4	6	권정현	주저자	박사	0.4	3.2612	1.3045	8.456	0.646	0.2584	0.3664	3.9413	1.5765
2018년	128	Water-Scale Multilayer Fabrication for Silk Fibroin-Based Microelectronics		d Materials &	SCI(E)	1944-8244	10.1021/acsami.8b13170		11	1	115	201901	4	4	8	국건	주저자	석사	0.2222	1.3045	0.2899	8.456	0.646	0.1435	0.3664	3.9413	0.8758
2018년	129	290-GHz 17-dB ON-/OFF-Ratio Modulator With Resonance Control Varactors		WIRELESS C	SCI(E)	1531-1309	10.1109/LMWC.2018.2884648		29	1	50	201901	2	4	6	임성묵	주저자	박사	0.4	0	0	2.374	0.36	0.144	0.0144	0.4137	0.1655
2018년	130	An Electronic Dispersion Compensation Transceiver for 10- and 28-Gb/s Directly Modulated Lasers-Based Optical		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2018.2874001		54	1	55	201901	2	4	6	권경하	주저자	박사	0.4	0	0	5.173	0.785	0.314	0.0242	0.6933	0.2773
2018년	131	Fluorine Effects Originating From the CVD-W Process on Charge-Trap Flash Memory Cells		ONS ON ELE	SCI(E)	0018-9383	10.1109/TED.2018.2873693		66	1	378	201901	2	4	6	문정민	주저자	박사	0.4	0.9365	0.3746	2.704	0.41	0.164	0.0251	0.72	0.288

2018년	132	Mass-producible structural design and fabrication method for a slim light-guide plate having inverse-trapezoidal light extractors		ECHANICS AN	SCI(E)	0960-1317	10.1088/1361-6439/aaf942		29	3	35001	201901	2	1	3	이용복	주저자	석사	0.4	0	0	2.141	0.467	0.1868	0.0091	0.2607	0.1043
2018년	133	Message-dropout: An efficient training method for multi-agent deep reinforcement learning		nce on Artific	국제학술대회	BKCSA001	10.1609/aaai.v33i01.3301607 9	regular				201901	2	1	3	김우준	주저자	석사	0.4		0	4	0.708	0.2832	0.0077	0.4644	0.1858
2018년	134	Mobile Computation Offloading for Application Throughput Fairness and Energy Efficiency		ON WIRELES	SCI(E)	1536-1276	10.1109/TWC.2018.2868679		18	1	3	201901	2	1	3	김영진	주저자	박사	0.4	6.3656	2.5462	6.394	0.97	0.388	0.0584	1.7837	0.7135
2018년	135	Signal Integrity Design and Analysis of Differential High-Speed Serial Links in Silicon Interposer With Through-Silicon		nts Packaging	SCI(E)	2156-3950	10.1109/TCPMT.2018.2843442		9	1	107	201901	1	9	10	손경준	기타저자	석사	0.0555	0.843	0.0468	1.86	0.339	0.0188	0.0066	0.3705	0.0206
2018년	136	Detection Schemes for Range-Spread Targets Based on the Semidefinite Problem		AEROSPACE A	SCI(E)	0018-9251	10.1109/TAES.2018.2847980		55	1	57	201902	2	3	5	이승원	주저자	박사	0.4	0	0	2.797	0.832	0.3328	0.013	1.1327	0.4531
2018년	137	Odd-even phonon transport effects in strained carbon atomic chains bridging graphene nanoribbon electrodes		CARBON	SCI(E)	0008-6223	10.1016/j.carbon.2018.10.036		142		107	201902	2	1	3	김태형	기타저자	석사	0.2	0.6404	0.1281	7.466	0.59	0.118	0.0852	0.9168	0.1834
2018년	138	Miniature ultrasound ring array transducers for transcranial ultrasound neuromodulation of freely-moving small-sized		rain Stimulati	SCI(E)	1935-861X	10.1016/j.brs.2018.11.007		12	2	251	201903	2	5	7	김형국	주저자	석사	0.4	6.147	2.4588	6.919	0.873	0.3492	0.0145	0.4476	0.179
2018년	139	Large-Scale, Low-Power Nonvolatile Memory based on Few-Layer MoS2 and Ultrathin Polymer Dielectrics		d Electronic	SCI(E)	2199-160X	10.1002/aelm.201800688		5	5	2E+06	201903	5	3	8	양상철	주저자	석사	0.1818	1.6928	0.3078	6.312	0.55	0.1	0.0119	0.1284	0.0233
2018년	140	Leakage Mitigation in Heterodyne FMCW RADAR for Small Drone Detection With Stationary Point Concentration		MICROWAVE	SCI(E)	0018-9480	10.1109/TMTT.2018.2889045		67	3	1221	201903	1	3	4	박승운	기타저자	석사	0.1666	1.0905	0.1817	3.756	0.57	0.095	0.0321	0.9182	0.153

2018년	141	Randomized Voting-based Rigid-body Motion Segmentation		ITS AND SYS	SCI(E)	1051-8215	10.1109/TCSVT.2018.2805838		29	3	698	201903	2	1	3	정희철	주저자	박사	0.4	0	0	4.046	0.614	0.2456	0.0163	0.4664	0.1866
2018년	142	Short-Range Radar based Real-Time Hand Gesture Recognition Using LSTM Encoder		IEEE Access	SCI(E)	2169-3536	10.1109/ACCESS.2019.2903586		7		33610	201903	2	1	3	최재우	주저자	석사	0.4	3.6249	1.45	4.098	0.73	0.292	0.0392	2.633	1.0532
2018년	143	A Hybrid Structure Dual-Path Step-Down Converter With 96.2% Peak Efficiency Using 250-m Omega Large-DCR		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2018.2882526		54	4	959	201904	2	1	3	허연희	주저자	박사	0.4	0	0	5.173	0.785	0.314	0.0242	0.6933	0.2773
2018년	144	Information Source Localization with Protector Diffusion in Network		MUNICATION	SCI(E)	1229-2370	10.1109/jcn.2019.000020		21	2	136	201904	2	1	3	최재영	주저자	박사	0.4		0	1.632	0.291	0.1164	0.0018	0.1188	0.0475
2018년	145	A Compact Circular Polarization Antenna Using Folded Ground Elements		ON ANTENNA	SCI(E)	0018-926X	10.1109/TAP.2019.2902736		67	5	3472	201905	3	3	6	김구	기타저자	석사	0.0476	1.0266	0.0489	4.435	0.673	0.032	0.048	1.4657	0.0698
2018년	146	Accurate Wirelength Prediction for Placement-Aware Synthesis through Machine Learning		n and Test in	국제학술대회	BKCSA088	10.23919/DATE.2019.8715016	regular				201905	2	1	3	Fan Yuepeng	주저자	석사	0.4	0	0	2	0.354	0.1416	0.0039	0.2322	0.0929
2018년	147	Neural Network Classifier-Based OPC With Imbalanced Training Data		DED DESIGN	SCI(E)	0278-0070	10.1109/TCAD.2018.2824255		38	5	938	201905	2	1	3	최수형	주저자	석사	0.4	0.9365	0.3746	2.402	0.43	0.172	0.0071	0.4657	0.1863
2018년	148	A 230-260-GHz Wideband and High-Gatin Amplifier in 65-nm CMOS Based on Dual-Peak Gmax Core		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2019.2899515		54	6	1613	201906	2	3	5	박대웅	주저자	박사	0.4	0	0	5.173	0.785	0.314	0.0242	0.6933	0.2773
2018년	149	An Optimized Design Technique of Low-bit Neural Network Training for Personalization on IoT Devices		utomation C	국제학술대회	BKCSA058	10.1145/3316781.3317769	regular				201906	2	2	4	최승규	주저자	석사	0.4	0	0	3	0.531	0.2124	0.0058	0.3483	0.1393
2018년	150	Learning What and Where to Transfer		nference on M	국제학술대회	BKCSA027	2-s2.0-85078075799	regular				201906	2	2	4	이한국	주저자	석사	0.4	0	0	4	0.708	0.2832	0.0077	0.4644	0.1858
2018년	151	Low Leakage Electromagnetic Field level and High Efficiency using A Novel Hybrid Loop-array Design for Wireless High Power Transfer		S ON INDUS	SCI(E)	0278-0046	10.1109/TIE.2018.2851988		66	6	4356	201906	1	14	15	박계영	기타저자	석사	0.0357	0	0	7.503	1.635	0.0584	0.1006	2.883	0.1029

2018년	152	Reference-Less Time-Division Duplex Transceiver IC for a Renal Denervation System		OF SOLID-ST	SCI(E)	0018-9200	10.1109/JSSC.2019.2900860		54	6	1657	201906	2	4	6	양재혁	주저자	박사	0.4	0	0	5.173	0.785	0.314	0.0242	0.6933	0.2773
2018년	153	Ultra-compact silicon waveguide-integrated Schottky photodetectors using perfect absorption from tapered metal nanobrick arrays		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.27.016413		27	12	16413	201906	2	2	4	권혁빈	주저자	석사	0.4	1.0395	0.4158	3.561	0.466	0.1864	0.1733	3.7318	1.4927
2018년	154	Optical analysis of the refractive index and birefringence of hexagonal boron nitride from the visible to near-infrared		PTICS LETTER	SCI(E)	0146-9592	10.1364/OL.44.003797		44	15	3797	201907	2	2	4	나윤혁	주저자	석사	0.4	3.1185	1.2474	3.866	0.506	0.2024	0.093	2.0015	0.8006
2018년	155	A 28-GHz CMOS Linear Power Amplifier With Low Output Phase Variation Over Dual Power Modes		WIRELESS C	SCI(E)	1531-1309	10.1109/LMWC.2019.2922507		29	8	551	201908	1	2	3	이승경	주저자	석사	0.5	0	0	2.374	0.36	0.18	0.0144	0.4137	0.2069
2018년	156	Efficient photodoping of graphene in perovskite–graphene heterostructure		d Electronic	SCI(E)	2199-160X	10.1002/aelm.201800940		5	3	2E+06	201908	3	0	3	김상훈	주저자	석사	0.3333	1.6928	0.5642	6.312	0.55	0.1833	0.0119	0.1284	0.0428
2018년	157	Pole-Controlled Wideband 120 GHz CMOS Power Amplifier for Wireless Chip-to-Chip Communication in 40-nm CMOS		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2018.2880308		66	8	1351	201908	2	4	6	손혁수	주저자	박사	0.4	1.0266	0.4106	3.25	0.493	0.1972	0.0121	0.3467	0.1387
2018년	158	Regularized Zero-forcing Precoder for Massive MIMO System with Transceiver I/Q Imbalances		s Communica	SCI(E)	2162-2337	10.1109/LWC.2019.2904496		8	4	1028	201908	1	2	3	지정주	주저자	석사	0.5	0	0	3.546	0.632	0.316	0.0108	0.7262	0.3631
2018년	159	An Accurate and Practical Core Loss Analysis for Compact High Step-Up Converters		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2018.2883420		34	9	8368	201909	2	3	5	신세운	기타저자	박사	0.0666	0	0	7.224	1.096	0.073	0.0745	2.1338	0.1421
2018년	160	Endometrium segmentation on transvaginal ultrasound image using key-point discriminator		EDICAL PHYSI	SCI(E)	0094-2405	10.1002/mp.13677		46	9	3974	201909	3	5	8	이홍주	주저자	석사	0.2857	0	0	3.177	0.554	0.1583	0.0309	0.9621	0.2749

2018년	161	A 2.92-μW Capacitance-to-Digital Converter With Differential Bondwire Accelerometer, On-Chip Air Pressure, and Humidity Sensor in 0.18-μm CMOS		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2019.2930140		54	10	2845	201910	2	1	3	박수진	주저자	석사	0.4	0	0	5.173	0.785	0.314	0.0242	0.6933	0.2773
2018년	162	A Fully Integrated 490-GHz CMOS Heterodyne Imager Adopting Second Subharmonic Resistive Mixer Structure		O WIRELESS C	SCI(E)	1531-1309	10.1109/LMWC.2019.2936685		29	10	673	201910	2	1	3	최경식	주저자	석사	0.4	0	0	2.374	0.36	0.144	0.0144	0.4137	0.1655
2018년	163	Deep SR-ITM: Joint Learning of Super-Resolution and Inverse Tone-Mapping for 4K UHD HDR Applications		nference on	국제학술대회	BKCSA025	10.1109/ICCV.2019.00321	regular				201910	2	1	3	김수예	주저자	석사	0.4		0	4	0.708	0.2832	0.0077	0.4644	0.1858
2018년	164	A Fully Digital Semirotational Frequency Detection Algorithm for Bang-Bang CDRs		LARGE SCALE	SCI(E)	1063-8210	10.1109/TVLSI.2019.2940438		27	12	2944	201912	1	1	2	권순원	주저자	박사	0.5	0	0	1.946	0.318	0.159	0.0111	0.7289	0.3644
2018년	165	A Noninverting Buck-Boost Converter With State-Based Current Control for Li-ion Battery Management in Mobile		S ON INDUST	SCI(E)	0278-0046	10.1109/TIE.2018.2883257		66	12	9623	201912	2	2	4	김기덕	주저자	박사	0.4	0	0	7.503	1.635	0.654	0.1006	2.883	1.1532
2018년	166	COOPERATION OF SIMULATION AND DATA MODEL FOR PERFORMANCE ANALYSIS OF COMPLEX SYSTEMS		urnal of Simu	SCI(E)	1726-4529	10.2507/IJSIMM18(4)491		18	4	608	201912	2	0	2	김병수	주저자	박사	0.5	1.014	0.507	1.825	0.402	0.201	0.0008	0.0495	0.0247
2018년	167	Mining GOLD Samples for Conditional GANs		al Informatio	국제학술대회	BKCSA015	https://papers.nips.cc/paper/8848-mining-gold-samples-for-conditional-gans.pdf	regular				201912	1	3	4	모상우	주저자	석사	0.5		0	4	0.708	0.354	0.0077	0.4644	0.2322
2019년	1	Phoneme Classification using Constrained Variational Gaussian Process Dynamical System		al Informatio	국제학술대회	BKCSA015	2-s2.0-84877747334	regular				201212	2	3	5	박현신	주저자	박사	0.4	2.25	0.9	4	0.708	0.2832	0.0077	0.4644	0.1858

2019년	2	Breast mass detection using slice conspicuity in 3D reconstructed digital breast volumes		MEDICINE AN	SCI(E)	0031-9155	10.1088/0031-9155/59/17/5003		59	17	5003	201409	2	1	3	김성태	주저자	박사	0.4	0.93	0.372	3.03	0.528	0.2112	0.032	1.3281	0.5312
2019년	3	Self-Cleaning Hybrid Energy Harvester to Generate Power from Raindrop and Sunlight		Nano Energy	SCI(E)	2211-2855	10.1016/j.nanoen.2015.01.039		12		636	201503	2	2	4	전승배	주저자	박사	0.4	2.7318	1.0927	15.548	1.354	0.5416	0.0873	0.9387	0.3755
2019년	4	Face Alignment Using Cascade Gaussian Process Regression Trees		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2015.7299048	regular				201506	2	1	3	이동훈	주저자	박사	0.4	4.8342	1.9337	4	0.708	0.2832	0.0077	0.4644	0.1858
2019년	5	Multispectral pedestrian detection: Benchmark dataset and baseline		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2015.7298706	regular				201506	2	3	5	황순민	주저자	박사	0.4	11.528	4.6111	4	0.708	0.2832	0.0077	0.4644	0.1858
2019년	6	A 15 μm-Pitch, 8.7-ENOB, 13-Mcells/sec Logarithmic Readout Circuit for Multi-Level Cell Phase Change		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2015.2453236		50	10	2431	201510	2	5	7	진동환	주저자	박사	0.4	0.3499	0.14	5.173	0.785	0.314	0.0242	0.6933	0.2773
2019년	7	Calibration-spur reduction in current-steering DAC utilising digital-and-analogue hybrid return-to-zero (HRZ) method		TRONICS LET	SCI(E)	0013-5194	10.1049/el.2015.2161		51	21	1649	201510	2	4	6	김우철	주저자	박사	0.4	0	0	1.343	0.204	0.0816	0.0218	0.6251	0.2501
2019년	8	A 79-GHz Adaptive-Gain and Low-Noise UWB Radar Receiver Front-End in 65-nm CMOS		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2016.2523511		64	3	859	201603	2	2	4	장진규	주저자	박사	0.4	2.0306	0.8122	3.756	0.57	0.228	0.0321	0.9182	0.3673
2019년	9	Triboelectric nanogenerator with nanostructured metal surface using water-assisted oxidation		Nano Energy	SCI(E)	2211-2855	10.1016/j.nanoen.2016.01.021		21		258	201603	2	3	5	박상재	주저자	박사	0.4	1.7486	0.6994	15.548	1.354	0.5416	0.0873	0.9387	0.3755
2019년	10	LPC: A local power controller using the frequency scheduling approach for virtualized sensors		of Networks	SCI(E)	1386-7857	10.1007/s10586-016-0562-0		19	2	663	201604	1	5	6	awaz Alhazen	주저자	박사	0.5	0.4225	0.2113	1.851	0.36	0.18	0.0031	0.2601	0.13
2019년	11	A 0.6 V 12 b 10 MS/s Low-Noise Asynchronous SAR-Assisted Time-Interleaved SAR (SATI-SAR) ADC		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2016.2563780		51	8	1826	201608	2	7	9	조동신	기타저자	박사	0.0285	2.149	0.0612	5.173	0.785	0.0224	0.0242	0.6933	0.0198
2019년	12	Neural Probes for Chronic Applications		Micromachine	SCI(E)	2072-666X	10.3390/mi7100179		7	10	179	201610	2	3	5	이성우	기타저자	석사	0.0666	0.6326	0.0421	2.426	0.529	0.0352	0.0049	0.1262	0.0084

2019년	13	Toward High-Output Organic Vertical Field Effect Transistors: Key Design Parameters		FUNCTIONAL	SCI(E)	1616-301X	10.1002/adfm.201601956		26	38	6888	201610	4	2	6	권혁윤	주저자	박사	0.2222	1.0658	0.2368	15.621	1.36	0.3022	0.176	1.893	0.4206
2019년	14	Multiband Full-Metal-Rimmed Antenna Design for Smartphones		d Wireless Pr	SCI(E)	1536-1225	10.1109/LAWP.2016.2548018		15		1987	201612	1	2	3	Aziz Rao Shah	주저자	박사	0.5	1.8097	0.9049	3.51	0.533	0.2665	0.0317	0.9696	0.4848
2019년	15	Design of Maximum Efficiency Tracking Control Scheme for Closed Loop Wireless Power Charging System Employing Series Resonant Tank		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2016.2523121		32	1	471	201701	2	2	4	여태동	주저자	박사	0.4	8.3493	3.3397	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2019년	16	Large-scale synthesis of uniform hexagonal boron nitride films by plasma-enhanced atomic layer deposition		cientific Repo	SCI(E)	2045-2322	10.1038/srep40091		7		40091	201701	2	4	6	박하민	주저자	박사	0.4	2.0077	0.8031	4.011	0.299	0.1196	1.0614	1.8297	0.7319
2019년	17	Low-Noise and Wide-Dynamic-Range ROIC With a Self-Selected Capacitor for SWIR Focal Plane Arrays		SENSORS JOU	SCI(E)	1530-437X	10.1109/JSEN.2016.2625322		17	1	179	201701	2	3	5	김영선	주저자	박사	0.4	1.01	0.404	3.076	0.67	0.268	0.0293	0.8406	0.3362
2019년	18	Through Silicon Via (TSV) Defect Modeling, Measurement, and Analysis		nts Packaging	SCI(E)	2156-3950	10.1109/TCPMT.2016.2631731		7	1	138	201701	1	11	12	NG DANIEL	주저자	박사	0.5	2.861	1.4305	1.86	0.339	0.1695	0.0066	0.3705	0.1852
2019년	19	Normalized-Full-Scale-Referencing Digital-Domain Linearity Calibration for SAR ADC		RCUITS AND S	SCI(E)	1549-8328	10.1109/TCSI.2016.2612692		64	2	322	201702	2	3	5	창동진	주저자	박사	0.4	1.1718	0.4687	3.934	0.597	0.2388	0.0218	0.6257	0.2503
2019년	20	Device architecture for efficient, low-hysteresis flexible perovskite solar cells:. Replacing TiO2 with C-60 assisted by polyethylenimine ethoxylated		MATERIALS A	SCI(E)	0927-0248	10.1016/j.solmat.2016.11.031		161		338	201703	2	4	6	하재원	주저자	박사	0.4	2.4061	0.9624	6.019	0.524	0.2096	0.0318	0.357	0.1428
2019년	21	How can a recurrent neurodynamic predictive coding model cope with fluctuation in temporal patterns? Robotic experiments on imitative		URAL NETWO	SCI(E)	0893-6080	10.1016/j.neunet.2017.02.015		92		3	201703	2	0	2	hmadi Ahmad	주저자	박사	0.5	0.5524	0.2762	5.785	0.837	0.4185	0.0161	0.6615	0.3308

2019년	22	Sticker-Type Hybrid Photoplethysmogram Monitoring System Integrating CMOS IC With Organic Optical Sensor		nd Selected T	SCI(E)	2156-3357	10.1109/JETCAS.2016.2630301		7	1	50	201703	3	6	9	이용수	주저자	박사	0.2857	0.5859	0.1674	3.433	0.521	0.1488	0.004	0.1152	0.0329
2019년	23	Efficient Large-Area Transparent OLEDs Based on a Laminated Top Electrode with an Embedded Auxiliary Mesh		ACS Photonic	SCI(E)	2330-4022	10.1021/acsphotonics.6b00942		4	5	1114	201704	6	4	10	박성희	주저자	박사	0.1538	1.4234	0.2189	7.143	0.935	0.1438	0.0337	0.7247	0.1115
2019년	24	Reliability improvement of a flexible FD-SOI MOSFET via heat management		D PHYSICS L	SCI(E)	0003-6951	10.1063/1.4986475		110	25	252101	201706	2	4	6	봉재훈	주저자	박사	0.4	0.2594	0.1038	3.521	0.307	0.1228	0.2247	2.1124	0.845
2019년	25	A Gift from Knowledge Distillation: Fast Optimization, Network Minimization and Transfer Learning		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2017.754	regular				201707	2	2	4	임준호	주저자	박사	0.4	11.327	4.5308	4	0.708	0.2832	0.0077	0.4644	0.1858
2019년	26	Active Convolution: Learning the Shape of Convolution for Image Classification		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2017.200	regular				201707	2	0	2	전윤호	주저자	박사	0.5	4.8054	2.4027	4	0.708	0.354	0.0077	0.4644	0.2322
2019년	27	Optimal Content Placement for Wireless Femto-Caching Network		ON WIRELES	SCI(E)	1536-1276	10.1109/TWC.2017.2698447		16	7	4433	201707	2	1	3	송재영	주저자	박사	0.4	3.1398	1.2559	6.394	0.97	0.388	0.0584	1.7837	0.7135
2019년	28	Surface-Localized Sealing of Porous Ultralow-k Dielectric Films with Ultrathin (<2 nm) Polymer Coating		ACS Nano	SCI(E)	1936-0851	10.1021/acsnano.7b01998		11	8	7841	201707	3	4	7	윤성준	주저자	박사	0.2857	0.6499	0.1857	13.903	1.099	0.314	0.3257	3.5037	1.001
2019년	29	Uplink SCMA System with Multiple Antennas		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2017.2664894		66	8	6982	201708	2	1	3	임승찬	주저자	박사	0.4	2.9584	1.1834	5.339	0.957	0.3828	0.0466	2.4192	0.9677
2019년	30	Mechanical Stability Analysis via Neutral Mechanical Plane for High-Performance Flexible Si Nanomembrane		d Materials I	SCI(E)	2196-7350	10.1002/admi.201700618		4	21	2E+06	201709	2	4	6	김승윤	주저자	박사	0.4	0.2819	0.1128	4.713	0.36	0.144	0.0165	0.1775	0.071
2019년	31	Weakly-and Self-Supervised Learning for Content-Aware Deep Image Retargeting		nference on	국제학술대회	BKCSA025	10.1109/ICCV.2017.488	regular				201710	2	3	5	조동현	주저자	박사	0.4	2.5458	1.0183	4	0.708	0.2832	0.0077	0.4644	0.1858

2019년	32	A 1.4-mΩ-Sensitivity 94-dB Dynamic-Range Electrical Impedance Tomography SoC and 48-Channel Hub-SoC for 3-D Lung Ventilation Monitoring		OF SOLID-ST	SCI(E)	0018-9200	10.1109/JSSC.2017.2753234		52	11	2829	201711	2	9	11	김민서	주저자	박사	0.4	1.6112	0.6445	5.173	0.785	0.314	0.0242	0.6933	0.2773
2019년	33	Geometry Guided Three-Dimensional Propagation for Depth From Small Motion		AL PROCESSIN	SCI(E)	1070-9908	10.1109/LSP.2017.2761557		24	12	1857	201712	2	3	5	신승학	주저자	박사	0.4	0.162	0.0648	3.268	0.496	0.1984	0.0249	0.7145	0.2858
2019년	34	Nonsaturated Throughput Analysis of Coexistence of Wi-Fi and Cellular With Listen-Before-Talk in Unlicensed		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2017.2734109		66	12	11425	201712	3	1	4	김용재	주저자	박사	0.2857	0.5916	0.169	5.339	0.957	0.2734	0.0466	2.4192	0.6912
2019년	35	Head motion correction based on filtered backprojection for x-ray CT imaging		EDICAL PHYSI	SCI(E)	0094-2405	10.1002/mp.12705		45	2	589	201802	2	2	4	장석환	주저자	박사	0.4	1.1823	0.4729	3.177	0.554	0.2216	0.0309	0.9621	0.3848
2019년	36	Microwave measurement of initial properties of ferrites using mode splitting phenomenon by the rod resonator method		AGNETIC WA	SCI(E)	0920-5071	10.1080/09205071.2018.1434017		32	10	1306	201802	1	2	3	정찬용	기타저자	석사	0.25	0	0	1.351	0.205	0.0513	0.0026	0.0736	0.0184
2019년	37	Mixed-valence perovskite Cs2Au2I6: a potential material for thin-film Pb-free photovoltaic cells with utrahigh efficiency		ANCED MATE	SCI(E)	0935-9648	10.1002/adma.201707001		30	12	2E+06	201802	4	3	7	이송주	주저자	석사	0.2222	6.3462	1.4101	25.809	2.248	0.4995	0.4094	4.404	0.9786
2019년	38	A 2.7-M Pixels 64-mW CMOS Image Sensor With Multicolumn-Parallel Noise-Shaping SAR ADCs		ONS ON ELE	SCI(E)	0018-9383	10.1109/TED.2018.2795905		65	3	1119	201803	2	7	9	황선일	주저자	박사	0.4	0.2437	0.0975	2.704	0.41	0.164	0.0251	0.72	0.288
2019년	39	Enhanced Transconductance in a Double-Gate Graphene Field-Effect Transistor		STATE ELECTI	SCI(E)	0038-1101	10.1016/j.sse.2017.12.008		141		65	201803	2	4	6	황병운	주저자	박사	0.4	0.4817	0.1927	1.492	0.226	0.0904	0.0044	0.1266	0.0507
2019년	40	MDS Coded Caching Leveraged by Coordinated Multi-point Transmission		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2018.2820683		22	6	1220	201803	2	2	4	김기범	주저자	박사	0.4	0.2696	0.1078	3.457	0.464	0.1856	0.0285	0.87	0.348

2019년	41	Polyphase-Basis Discrete Cosine Transform for Real-Time Measurement of Heart Rate With CW Doppler Radar		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2017.2772782		66	3	1644	201803	1	6	7	김도훈	기타저자	석사	0.0833	0.8961	0.0746	3.756	0.57	0.0475	0.0321	0.9182	0.0765
2019년	42	Deep feature classification of angiomyolipoma without visible fat and renal cell carcinoma in abdominal contrast-enhanced CT images with texture image patches and hand-crafted feature concatenation		EDICAL PHYSI	SCI(E)	0094-2405	10.1002/mp.12828		45	4	1550	201804	2	2	4	이한상	주저자	박사	0.4	2.6602	1.0641	3.177	0.554	0.2216	0.0309	0.9621	0.3848
2019년	43	Deep Learning based Pilot Allocation Scheme (DL-PAS) for 5G Massive MIMO System		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2018.2803054		22	4	828	201804	3	0	3	김귀훈	주저자	박사	0.3333	5.1239	1.7078	3.457	0.464	0.1547	0.0285	0.87	0.29
2019년	44	Spreading factor allocation for massive connectivity in LoRa systems		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2018.2797274		22	4	800	201804	2	0	2	임진택	주저자	박사	0.5	8.36	4.18	3.457	0.464	0.232	0.0285	0.87	0.435
2019년	45	Seamless integration and coordination of cognitive skills in humanoid robots: A deep learning approach		ognitive and	SCI(E)	2379-8920	10.1109/TCDS.2017.2714170		10	2	345	201806	2	0	2	황중식	주저자	박사	0.5	0.3846	0.1923	2.755	0.399	0.1995	0.0003	0.0348	0.0174
2019년	46	Cooperation Strategies for Partly Wireless C-RAN		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2018.2807814		22	6	1248	201806	2	2	4	김동구	주저자	박사	0.4	0.5393	0.2157	3.457	0.464	0.1856	0.0285	0.87	0.348
2019년	47	Depth extraction with offset pixels		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.26.015825		26	12	15825	201806	1	8	9	윤우진	주저자	석사	0.5	0.5094	0.2547	3.561	0.466	0.233	0.1733	3.7318	1.8659
2019년	48	Fast ISAR Image Formations Over Multiaspect Angles Using the Shooting and Bouncing Rays		d Wireless Pr	SCI(E)	1536-1225	10.1109/LAWP.2018.2829826		17	6	1020	201806	1	4	5	이재인	주저자	박사	0.5	0	0	3.51	0.533	0.2665	0.0317	0.9696	0.4848
2019년	49	Incentivizing Hosts via Multilateral Cooperation in User-Provided Networks: A Fluid Shapley Value Approach		n Mobile Ad	국제학술대회	BKCSA046	10.1145/3209582.3209597	regular				201806	1	2	3	방지환	기타저자	석사	0.25	0	0	3	0.531	0.1328	0.0058	0.3483	0.0871
2019년	50	Dynamic Reconfiguration of Thermoelectric Generators for Vehicle Radiators Energy Harvesting Under Location-Dependent Temperature		LARGE SCALE	SCI(E)	1063-8210	10.1109/TVLSI.2018.2812705		26	7	1241	201807	2	8	10	조영후	기타저자	석사	0.025	0.239	0.006	1.946	0.318	0.008	0.0111	0.7289	0.0182

2019년	51	Edge-Lit LCD Backlight Unit for 2D Local Dimming		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.26.020802		26	16	20802	201807	2	2	4	윤건욱	주저자	박사	0.4	0	0	3.561	0.466	0.1864	0.1733	3.7318	1.4927
2019년	52	High-Power 268-GHz Push-Push Transformer-Based Oscillator with Capacitive Degeneration		D WIRELESS C	SCI(E)	1531-1309	10.1109/LMWC.2018.2835770		28	7	612	201807	1	3	4	tomo Dzuhri	주저자	박사	0.5	0.2524	0.1262	2.374	0.36	0.18	0.0144	0.4137	0.2069
2019년	53	Nonlinear equalizer based on neural networks for PAM-4 signal transmission using DML		ICS TECHNOI	SCI(E)	1041-1135	10.1109/LPT.2018.2852327		30	15	1416	201807	2	0	2	A.Galib Reza	주저자	박사	0.5	1.9795	0.9898	2.553	0.387	0.1935	0.0218	0.6249	0.3124
2019년	54	Modulation spectrum-constrained trajectory error training for mixture density networkbased speech synthesis		COUSTICAL S	SCI(E)	0001-4966	10.1121/1.5052206		144	3	EL151	201808	2	0	2	박상준	주저자	박사	0.5	0	0	1.819	0.646	0.323	0.0259	2.2076	1.1038
2019년	55	Nano-sinusoidal Surface Zinc Oxide for Optical Out-coupling of Inverted Organic Light-Emitting Diodes		ACS Photonic	SCI(E)	2330-4022	10.1021/acsphotonics.8b00710		5	10	4061	201808	2	5	7	김도홍	주저자	박사	0.4	0.495	0.198	7.143	0.935	0.374	0.0337	0.7247	0.2899
2019년	56	Performance Improvement of NOMA Scheme Based on Gain of Narrow and Wide Beams		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2018.2835668		67	8	7821	201808	2	0	2	이강민	주저자	박사	0.5	0	0	5.339	0.957	0.4785	0.0466	2.4192	1.2096
2019년	57	Towards Flatter Loss Surface via Nonmonotonic Learning Rate Scheduling		certainty in A	국제학술대회	BKCSA057	2-s2.0-85059402235	regular				201808	2	3	5	성시현	주저자	박사	0.4	0	0	3	0.531	0.2124	0.0058	0.3483	0.1393
2019년	58	Voice Activity Detection Using an Adaptive Context Attention Model		AL PROCESSIN	SCI(E)	1070-9908	10.1109/LSP.2018.2811740		25	8	1181	201808	2	0	2	김준태	주저자	박사	0.5	3.6517	1.8259	3.268	0.496	0.248	0.0249	0.7145	0.3573
2019년	59	A Real-Time Convolutional Neural Network for Super-Resolution on FPGA with Applications to 4K UHD 60 fps Video		ITS AND SYS	SCI(E)	1051-8215	10.1109/TCSVT.2018.2864321		29	8	2521	201808	2	1	3	김용우	주저자	박사	0.4	0.9556	0.3823	4.046	0.614	0.2456	0.0163	0.4664	0.1866
2019년	60	A Novel Proactive Caching Strategy With Community-Aware Learning in CoMP-Enabled Small-Cell Networks		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2018.2856761		22	9	1918	201809	2	1	3	안준섭	주저자	박사	0.4	0.2696	0.1078	3.457	0.464	0.1856	0.0285	0.87	0.348

2019년	61	A Theoretical Model for Resonant Frequency and Radiation Pattern on Rectangular Microstrip Patch Antenna on Liquid Crystal Substrate		ON ANTENNA	SCI(E)	0018-926X	10.1109/TAP.2018.2851304		66	9	4533	201809	1	2	3	김태완	주저자	박사	0.5	0.2558	0.1279	4.435	0.673	0.3365	0.048	1.4657	0.7329
2019년	62	Assessment of cerebral autoregulation using continuouswave near-infrared spectroscopy during squat-stand maneuvers in subjects with symptoms of orthostatic		cientific Repo	SCI(E)	2045-2322	10.1038/s41598-018-31685-y		8	1	13257	201809	2	5	7	김재명	주저자	박사	0.4	0.163	0.0652	4.011	0.299	0.1196	1.0614	1.8297	0.7319
2019년	63	On the Feasibility of Full-duplex Large-scale MIMO Cellular Systems		ON WIRELES	SCI(E)	1536-1276	10.1109/TWC.2018.2857765		17	9	6231	201809	2	2	4	고정완	주저자	박사	0.4	1.1324	0.453	6.394	0.97	0.388	0.0584	1.7837	0.7135
2019년	64	An experimental study of a-Si/ZnO-stacked hetero-structures for potential thermoelectric energy harvesting electrothermal		D PHYSICS L	SCI(E)	0003-6951	10.1063/1.5052037		113	17	173901	201810	2	2	4	하재권	주저자	석사	0.4	0	0	3.521	0.307	0.1228	0.2247	2.1124	0.845
2019년	65	Annealing to Enhance the Electrical Performance of an Exfoliated MoS2 Field-Effect Transistor		TRON DEVICI	SCI(E)	0741-3106	10.1109/LED.2018.2867569		39	10	1532	201810	2	7	9	한준규	주저자	석사	0.4	0.7313	0.2925	3.753	0.569	0.2276	0.0202	0.5787	0.2315
2019년	66	Self-Powered Data Erasing of Nanoscale Flash Memory by Triboelectricity		Nano Energy	SCI(E)	2211-2855	10.1016/j.nanoen.2018.07.040		52		63	201810	2	11	13	진익경	주저자	석사	0.4	0.1781	0.0712	15.548	1.354	0.5416	0.0873	0.9387	0.3755
2019년	67	A 16.5 nW 12-bit 1-kS/s Reset-Energy Saving SAR ADC for Bio-Signal Acquisition in 0.18- μ m CMOS		CUITS AND S	SCI(E)	1549-8328	10.1109/TCSI.2018.2851576		65	11	3617	201811	2	5	7	서민재	주저자	박사	0.4	0.2558	0.1023	3.934	0.597	0.2388	0.0218	0.6257	0.2503
2019년	68	A Recoverable Synapse Device Using a Three-Dimensional Silicon Transistor		FUNCTIONAL	SCI(E)	1616-301X	10.1002/adfm.201804844		28	47	2E+06	201811	4	8	12	허재	주저자	박사	0.2222	0.7772	0.1727	15.621	1.36	0.3022	0.176	1.893	0.4206
2019년	69	CBAM: Convolutional Block Attention Module		ference on C	국제학술대회	BKCSA092	10.1007/978-3-030-01234-2_1	regular				201811	3	2	5	우상현	주저자	석사	0.2857	93.877	26.821	2	0.354	0.1011	0.0039	0.2322	0.0663
2019년	70	Integration of SPDT Antenna Switch With CMOS Power Amplifier and LNA for FMICW Radar Front-End		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2018.2860970		66	11	5087	201811	1	3	4	김백현	주저자	박사	0.5	0.2987	0.1494	3.756	0.57	0.285	0.0321	0.9182	0.4591

2019년	71	Learning Self-Informed Feature Contribution for Deep Learning-Based Acoustic Modeling		Audio Speech	SCI(E)	2329-9290	10.1109/TASLP.2018.2858923		26	11	2204	201811	1	3	4	김영관	주저자	박사	0.5	0.38	0.19	3.531	0.781	0.3905	0.0068	0.3618	0.1809
2019년	72	Machine Learning-based Self-powered Acoustic Sensor for Speaker Recognition		Nano Energy	SCI(E)	2211-2855	10.1016/j.nanoen.2018.09.030		53		658	201811	5	7	12	배강민	주저자	석사	0.1818	2.8509	0.5183	15.548	1.354	0.2462	0.0873	0.9387	0.1706
2019년	73	NID: Processing Binary Convolutional Neural Network in Commodity DRAM		Conference on	국제학술대회	BKCSA065	10.1145/3240765.3240831	regular				201811	2	1	3	심재형	주저자	박사	0.4	1.3177	0.5271	3	0.531	0.2124	0.0058	0.3483	0.1393
2019년	74	A Reusable Code-Based SAR ADC Design With CDAC Compiler and Synthesizable Analog Building Blocks		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2018.2822811		65	12	1904	201812	2	4	6	김예담	기타저자	석사	0.05	0.2558	0.0128	3.25	0.493	0.0247	0.0121	0.3467	0.0173
2019년	75	Modeling and Analysis of TSV Noise Coupling Effects on RF LC-VCO and Shielding Structures in 3D IC		N ELECTROMA	SCI(E)	0018-9375	10.1109/TEMC.2018.2800120		60	6	1939	201812	2	6	8	임재민	주저자	박사	0.4	1.2662	0.5065	2.274	0.345	0.138	0.0053	0.1631	0.0653
2019년	76	A Memory Model based on the Siamese Network for Long-term Tracking		ference on Co	국제학술대회	BKCSA092	10.1007/978-3-030-11009-3_5	regular				201901	2	1	3	이한결	주저자	석사	0.4	4.3453	1.7381	2	0.354	0.1416	0.0039	0.2322	0.0929
2019년	77	A 65-nm CMOS 6-bit 2.5-GS/s 7.5-mW 8 × Time-Domain Interpolating Flash ADC With Sequential Slope-Matching Offset		OF SOLID-ST	SCI(E)	0018-9200	10.1109/JSSC.2018.2870554		54	1	288	201901	2	4	6	오동렬	주저자	박사	0.4	1.0266	0.4106	5.173	0.785	0.314	0.0242	0.6933	0.2773
2019년	78	Contextual Information Based Quality Assessment for Contrast-Changed Images		AL PROCESSIN	SCI(E)	1070-9908	10.1109/LSP.2018.2882916		26	1	109	201901	2	1	3	김대영	주저자	박사	0.4	1.0133	0.4053	3.268	0.496	0.1984	0.0249	0.7145	0.2858
2019년	79	Crash to Not Crash: Learn to Identify Dangerous Vehicles using a Simulator		nce on Artific	국제학술대회	BKCSA001	10.1609/aaai.v33i01.3301978	regular				201901	2	2	4	김훈	주저자	석사	0.4		0	4	0.708	0.2832	0.0077	0.4644	0.1858
2019년	80	Deep Learning-Based Sustainable Data Center Energy Cost Minimization With Temporal MACRO/MICRO Scale		IEEE Access	SCI(E)	2169-3536	10.1109/ACCESS.2018.2888839		7		5477	201901	2	1	3	강동기	주저자	박사	0.4	0	0	4.098	0.73	0.292	0.0392	2.633	1.0532

2019년	81	Enhanced see-through near-eye display using time-division multiplexing of a Maxwellian-view and holographic display		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.27.000689		27	2	689	201901	2	2	4	이진수	주저자	박사	0.4	4.158	1.6632	3.561	0.466	0.1864	0.1733	3.7318	1.4927
2019년	82	High-Dynamic-Range ROIC With Asynchronous Self-Controlled Two-Gain Modes for MWIR Focal Plane Arrays		SENSORS JOU	SCI(E)	1530-437X	10.1109/JSEN.2018.2878580		19	2	615	201901	2	1	3	김치연	주저자	박사	0.4	0	0	3.076	0.67	0.268	0.0293	0.8406	0.3362
2019년	83	Layout Modification of a PD-SOI n-MOSFET for Total Ionizing Dose Effect Hardening		ONS ON ELE	SCI(E)	0018-9383	10.1109/TED.2018.2881668		66	1	308	201901	1	1	2	노영탁	주저자	박사	0.5	0	0	2.704	0.41	0.205	0.0251	0.72	0.36
2019년	84	Textile-based washable polymer solar cells for optoelectronic modules: Toward self-powered smart clothing		Environment	SCI(E)	1754-5692	10.1039/c8ee03271h		12	6	1878	201901	3	1	4	정은교	주저자	박사	0.2857	9.8335	2.8094	33.25	4.804	1.3725	0.1601	3.7308	1.0659
2019년	85	Virtual Beamforming and User Scheduling for Sub-Array Architecture in mmWave Networks		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2018.2878726		23	1	168	201901	2	1	3	김은경	주저자	박사	0.4	0	0	3.457	0.464	0.1856	0.0285	0.87	0.348
2019년	86	A 99.4 fps Optical Flow Estimation Processor with Image Tiling for Action Recognition in Mobile Devices		nductor Techn	SCI(E)	1598-1657	10.5573/JSTS.2019.19.1.116		19	1	116	201902	1	4	5	이주형	주저자	석사	0.5	0	0	0.407	0.062	0.031	0.0006	0.0169	0.0085
2019년	87	A Four-Camera VGA-Resolution Capsule Endoscope System With 80-Mb/s Body Channel Communication Transceiver and Sub-Centimeter Range Capsule		OF SOLID-ST	SCI(E)	0018-9200	10.1109/JSSC.2018.2873630		54	2	538	201902	1	7	8	장재은	주저자	박사	0.5	2.0533	1.0267	5.173	0.785	0.3925	0.0242	0.6933	0.3467
2019년	88	Achievable Rate-Energy Region in Two-Way Decode-and-Forward Energy Harvesting Relay Systems		ONS ON COM	SCI(E)	0090-6778	10.1109/TCOMM.2019.2901783		67	6	3923	201902	2	1	3	인창돈	주저자	박사	0.4	2.0533	0.8213	5.69	0.863	0.3452	0.0387	1.1825	0.473
2019년	89	Joint Transmit Power and Time-Switching Control for Device-to-Device Communications in SWIPT Cellular Networks		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2018.2883432		23	2	322	201902	2	2	4	임동우	주저자	박사	0.4	1.0182	0.4073	3.457	0.464	0.1856	0.0285	0.87	0.348

2019년	90	Three-dimensionally patterned Ag–Pt alloy catalyst on planar Si photocathodes for photoelectrochemical H 2 evolutionThree-dimensionally patterned Ag-Pt alloy catalyst on planar Si photocathodes for photoelectrochemical H 2 evolutionThree-dimensionally patterned Ag-Pt alloy catalyst on planar Si photocathodes for		MISTRY CHEM	SCI(E)	1463-9076	10.1039/c8cp07304j		21	8	4184	201902	6	1	7	하헌학	주저자	석사	0.1538	1.629	0.2505	3.567	0.491	0.0755	0.1913	1.779	0.2736
2019년	91	Robust and Globally Optimal Manhattan Frame Estimation in Near Real Time		RN ANALYSIS	SCI(E)	0162-8828	10.1109/TPAMI.2018.2799944		41	3	682	201903	2	3	5	주경돈	주저자	박사	0.4	0	0	17.73	2.69	1.076	0.0688	2.837	1.1348
2019년	92	A 0.9-V 12-Gb/s Two-FIR Tap Direct DFE With Feedback-Signal Common-Mode Control		LARGE SCALE	SCI(E)	1063-8210	10.1109/TVLSI.2018.2882606		27	3	724	201903	2	2	4	이대웅	주저자	박사	0.4	1.7825	0.713	1.946	0.318	0.1272	0.0111	0.7289	0.2916
2019년	93	A Capacitive Micromachined Ultrasonic Transducer-Based Resonant Sensor Array for Portable Volatile Organic Compound Detection with		SENSORS	SCI(E)	1424-8220	10.3390/s19061401		19	6	1401	201903	3	3	6	윤인욱	주저자	석사	0.2857	1.8547	0.5299	3.031	0.661	0.1888	0.0614	1.5969	0.4562
2019년	94	An efficient time-shifted random access scheme for cellular-based IoT networks		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2019.2892139		23	3	522	201903	2	1	3	박은혜	주저자	박사	0.4	2.0365	0.8146	3.457	0.464	0.1856	0.0285	0.87	0.348
2019년	95	Differential Phase Doppler Radar With Collocated Multiple Receivers for Noncontact Vital Signal Detection		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2018.2884406		67	3	1233	201903	1	1	2	한가원	주저자	석사	0.5	0	0	3.756	0.57	0.285	0.0321	0.9182	0.4591
2019년	96	High-Performance Copper Oxide Visible-Light Photodetector via Grain-Structure Model		cientific Repo	SCI(E)	2045-2322	10.1038/s41598-019-43667-9		9		7334	201903	3	3	6	송현주	주저자	석사	0.2857	1.7972	0.5135	4.011	0.299	0.0854	1.0614	1.8297	0.5228
2019년	97	Integrated Approach of Airgap Insertion for Circuit Timing Optimization		GN AUTOMA	SCI(E)	1084-4309	10.1145/3306494		24	2	1.0007	201903	2	0	2	현대준	주저자	박사	0.5	0.9921	0.4961	0.942	0.228	0.114	0.0015	0.1354	0.0677

2019년	98	Longer distance continuous variable quantum key distribution protocol with photon subtraction at the sender		Information	SCI(E)	1570-0755	10.1007/s11128-018-2167-4		18	3	73	201903	2	1	3	임경천	주저자	박사	0.4	2.1082	0.8433	2.222	0.839	0.3356	0.0082	0.3818	0.1527
2019년	99	Semimetallicity and Negative Differential Resistance from Hybrid Halide Perovskite Nanowires		FUNCTIONAL	SCI(E)	1616-301X	10.1002/adfm.201807620		29	13	2E+06	201903	2	2	4	변성재	기타저자	석사	0.1	2.1339	0.2134	15.621	1.36	0.136	0.176	1.893	0.1893
2019년	100	UV-Curable Silver Electrode for Screen-Printed Thermoelectric Generator		FUNCTIONAL	SCI(E)	1616-301X	10.1002/adfm.201901505		29	20	1	201903	2	11	13	김성호	기타저자	석사	0.0181	0.7113	0.0129	15.621	1.36	0.0246	0.176	1.893	0.0343
2019년	101	Accurate 3D Reconstruction from Small Motion Clip for Rolling Shutter Cameras		RN ANALYSIS	SCI(E)	0162-8828	10.1109/TPAMI.2018.2819679		41	4	775	201904	2	4	6	임성훈	주저자	박사	0.4	0	0	17.73	2.69	1.076	0.0688	2.837	1.1348
2019년	102	Alternative Method for Obtaining Antenna Current Green's Function Based on Infinitesimal Dipole Modeling		ON ANTENNA	SCI(E)	0018-926X	10.1109/TAP.2019.2894279		67	4	2583	201904	2	2	4	양성준	주저자	박사	0.4	1.0266	0.4106	4.435	0.673	0.2692	0.048	1.4657	0.5863
2019년	103	Bird-MAC : Energy-Efficient MAC for Quasi-Periodic IoT Applications by Avoiding Early Wake-upBird-MAC: Energy-Efficient MAC for Quasi-Periodic IoT Applications by Avoiding Early Wake-upBird-MAC: Energy-Efficient MAC for Quasi-Periodic IoT Applications by		ONS ON MOB	SCI(E)	1536-1233	10.1109/TMC.2019.2899572		19	4	788	201904	2	2	4	김대우	주저자	박사	0.4	1.906	0.7624	4.474	0.797	0.3188	0.0145	0.9719	0.3887
2019년	104	Developmental Resonance Network		eural Network	SCI(E)	2162-237X	10.1109/TNNLS.2018.2863738		30	4	1278	201904	2	1	3	박경문	주저자	박사	0.4	1.6937	0.6775	11.683	2.272	0.9088	0.0402	3.3518	1.3407
2019년	105	Multi-objective based spatio-temporal feature representation learning robust to expression intensity variations for facial expression		ons on Affect	SCI(E)	1949-3045	10.1109/TAFFC.2017.2695999		10	2	223	201904	3	1	4	HAJ BADDAR	주저자	박사	0.2857	3.778	1.0794	6.288	0.917	0.262	0.003	0.1731	0.0494
2019년	106	Probabilistically shaped coded modulation for IM/DD system		PTICS EXPRES	SCI(E)	1094-4087	10.1364/OE.27.012126		27	9	12126	201904	2	1	3	He Zonglong	주저자	석사	0.4	4.158	1.6632	3.561	0.466	0.1864	0.1733	3.7318	1.4927

2019년	107	VRSA Net: VR Sickness Assessment Considering Exceptional Motion for 360 degree VR Video		ONS ON IMA	SCI(E)	1057-7149	10.1109/TIP.2018.2880509		28	4	1646	201904	2	2	4	김학구	주저자	박사	0.4	1.783	0.7132	6.79	1.03	0.412	0.0615	2.5328	1.0131
2019년	108	A Low-Power Deep Neural Network Online Learning Processor for Real-Time Object Tracking Application		CUITS AND S	SCI(E)	1549-8328	10.1109/TCSI.2018.2880363		66	5	1794	201905	1	3	4	한동현	주저자	석사	0.5	1.0266	0.5133	3.934	0.597	0.2985	0.0218	0.6257	0.3129
2019년	109	Depth Completion with Deep Geometry and Context Guidance		ference on Ro	국제학술대회	BKCSA157	10.1109/ICRA.2019.8794161	regular				201905	2	2	4	이병욱	주저자	석사	0.4	0	0	1	0.177	0.0708	0.0019	0.1161	0.0464
2019년	110	Method to reduce the aberration of a polygonal aperture focus-tunable lens array for high fill factor		PTICS LETTER	SCI(E)	0146-9592	10.1364/OL.44.002554		44	10	2554	201905	2	1	3	김준오	주저자	박사	0.4	1.0395	0.4158	3.866	0.506	0.2024	0.093	2.0015	0.8006
2019년	111	Quasi-Yagi Antenna Array With Modified Folded Dipole Driver for mmWave 5G Cellular Devices		d Wireless Pr	SCI(E)	1536-1225	10.1109/LAWP.2019.2906775		18	5	971	201905	2	3	5	황인준	주저자	박사	0.4	2.0533	0.8213	3.51	0.533	0.2132	0.0317	0.9696	0.3878
2019년	112	Secrecy-Aware Altitude Optimization for Quasi-Static UAV Base Station Without Eavesdropper Location		MUNICATION	SCI(E)	1089-7798	10.1109/LCOMM.2019.2909880		23	5	851	201905	2	2	4	강홍구	주저자	석사	0.4	3.0548	1.2219	3.457	0.464	0.1856	0.0285	0.87	0.348
2019년	113	BitNet: Learning-Based Bit-Depth Expansion		rence on Con	국제학술대회	BKCSA138	10.1007/978-3-030-20890-5_5	regular				201906	2	1	3	변준영	주저자	석사	0.4	0	0	1	0.177	0.0708	0.0019	0.1161	0.0464
2019년	114	Edge-Labeling Graph Neural Network for Few-shot Learning		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2019.00010	regular				201906	2	2	4	김종민	주저자	박사	0.4	3.4189	1.3676	4	0.708	0.2832	0.0077	0.4644	0.1858
2019년	115	Efficient Atomistic Simulation of Heterostructure Field-Effect Transistors		the Electron	SCI(E)	2168-6734	10.1109/JEDS.2019.2925402		7		668	201906	2	0	2	안용수	주저자	박사	0.5	0	0	2	0.303	0.1515	0.0026	0.0742	0.0371
2019년	116	QTRAN: Learning to Factorize with Transformation for Cooperative Multi-Agent Reinforcement Learning		nference on M	국제학술대회	BKCSA027	2-s2.0-85078242578	regular				201906	2	3	5	손경환	주저자	석사	0.4	0	0	4	0.708	0.2832	0.0077	0.4644	0.1858
2019년	117	2-D Synthesized Magnetic Field Focusing Technology With Loop Coils Distributed in a Rectangular Formation		S ON INDUST	SCI(E)	0278-0046	10.1109/TIE.2018.2869362		66	7	5558	201907	2	2	4	김지훈	주저자	석사	0.4	0	0	7.503	1.635	0.654	0.1006	2.883	1.1532

2019년	118	Discovering Latent Topics with Saliency-weighted LDA for Image Scene Understanding		EE MULTIMED	SCI(E)	1070-986X	10.1109/MMUL.2018.2883127		26	3	56	201907	2	0	2	전진	주저자	박사	0.5	0	0	3.556	0.861	0.4305	0.0015	0.1309	0.0655
2019년	119	Learning Loss for Active Learning		uter Vision an	국제학술대회	BKCSA014	10.1109/CVPR.2019.00018	regular				201907	2	0	2	유동근	주저자	박사	0.5	5.1284	2.5642	4	0.708	0.354	0.0077	0.4644	0.2322
2019년	120	Robust water-fat separation for multi-echo gradient-recalled echo sequence using convolutional neural network		RESONANCE I	SCI(E)	0740-3194	10.1002/mrm.27697		82	1	476	201907	2	0	2	조재진	주저자	박사	0.5	0	0	3.858	0.673	0.3365	0.035	1.0903	0.5451
2019년	121	Two-Step Approach to Time-Domain Channel Estimation for Wideband Millimeter Wave Systems with Bybrid		ONS ON COI	SCI(E)	0090-6778	10.1109/TCOMM.2019.2906873		67	7	5139	201907	2	1	3	김효지	주저자	박사	0.4	0	0	5.69	0.863	0.3452	0.0387	1.1825	0.473
2019년	122	Ultrahigh omnidirectional, broadband, and polarization-independent optical absorption over the visible wavelengths by effective dispersion		cientific Repo	SCI(E)	2045-2322	10.1038/s41598-019-46413-3		9		9866	201907	2	3	5	진영훈	주저자	석사	0.4	0	0	4.011	0.299	0.1196	1.0614	1.8297	0.7319
2019년	123	A Novel Eye-Diagram Estimation Method for Pulse Amplitude Modulation With N-Level (PAM-N) on Stacked Through-Silicon		N ELECTROMA	SCI(E)	0018-9375	10.1109/TEMC.2018.2843813		61	4	1198	201908	1	9	10	박준용	주저자	박사	0.5	0.9731	0.4866	2.274	0.345	0.1725	0.0053	0.1631	0.0816
2019년	124	A 9.1-ENOB 0.[illegible] mW 10-Bit 500-MS/s Pipelined-SAR ADC With Current-Mode Residue Processing in 28-nm CMOS		OF SOLID-ST	SCI(E)	0018-9200	10.1109/JSSC.2019.2926648		54	9	2532	201909	2	4	6	문경준	주저자	박사	0.4	1.0266	0.4106	5.173	0.785	0.314	0.0242	0.6933	0.2773
2019년	125	An Improved Symbol-flipping Algorithm for Nonbinary LDPC Codes and Its Application to NAND Flash Memory		ACTIONS ON	SCI(E)	0018-9464	10.1109/TMAG.2019.2918985		55	9	4E+06	201909	2	1	3	한석주	기타저자	석사	0.2	0	0	1.651	0.251	0.0502	0.0258	0.7389	0.1478
2019년	126	An Investigation of Surficial Conduction Heat Loss in Perfectly Aligned Micro-Wire Array		D PHYSICS L	SCI(E)	0003-6951	10.1063/1.5123523		115	13	131901	201909	3	2	5	박재현	주저자	석사	0.2857	0	0	3.521	0.307	0.0877	0.2247	2.1124	0.6035

2019년	127	Fast and Accurate Power Distribution Network Modeling of a Silicon Interposer for 2.5-D/3-D ICs with Multiarray TSVs		nts Packaging	SCI(E)	2156-3950	10.1109/TCPMT.2019.2895083		9	9	1835	201909	1	9	10	조경준	주저자	박사	0.5	0	0	1.86	0.339	0.1695	0.0066	0.3705	0.1852
2019년	128	A High DR, DC-Coupled, Time-Based Neural-Recording IC With Degeneration R-DAC for Bidirectional Neural Interface		OF SOLID-S	SCI(E)	0018-9200	10.1109/JSSC.2019.2930903		54	10	2658	201910	1	4	5	정윤태	기타저자	석사	0.125	0	0	5.173	0.785	0.0981	0.0242	0.6933	0.0867
2019년	129	A New No-Reference Method for Judder Artifact Assessment		ITS AND SYS	SCI(E)	1051-8215	10.1109/TCSVT.2018.2875157		29	10	2888	201910	2	4	6	오세리	주저자	박사	0.4	0	0	4.046	0.614	0.2456	0.0163	0.4664	0.1866
2019년	130	An On-Chip Thermal Monitoring System with a Temperature Sensing Area of 52 μm2 in 180nm CMOS		RCUITS AND	SCI(E)	1549-7747	10.1109/TCSII.2019.2925132		66	10	1638	201910	3	0	3	정동균	주저자	석사	0.3333	0	0	3.25	0.493	0.1643	0.0121	0.3467	0.1155
2019년	131	Fourier Phase Retrieval With Extended Support Estimation via Deep Neural Network		AL PROCESSIN	SCI(E)	1070-9908	10.1109/LSP.2019.2935814		26	10	1506	201910	1	1	2	김경수	주저자	박사	0.5	0	0	3.268	0.496	0.248	0.0249	0.7145	0.3573
2019년	132	Preserving Semantic and Temporal Consistency for Unpaired Video-to-Video Translation		ultimedia Co	국제학술대회	BKCSA005	10.1145/3343031.3350864	regular				201910	2	3	5	박관용	주저자	석사	0.4	0	0	4	0.708	0.2832	0.0077	0.4644	0.1858
2019년	133	Self-training and Adversarial Background Regularization for Unsupervised Domain Adaptive One-Stage Object Detection		nference on	국제학술대회	BKCSA025	10.1109/ICCV.2019.00619	regular				201910	1	3	4	김승현	주저자	석사	0.5	0	0	4	0.708	0.354	0.0077	0.4644	0.2322
2019년	134	Achievable Ergodic Secrecy Rate in Bursty Interference Channels With Opportunistic User Scheduling		ONS ON CO	SCI(E)	0090-6778	10.1109/TCOMM.2019.2935196		67	11	7686	201911	2	1	3	이재환	주저자	박사	0.4	0	0	5.69	0.863	0.3452	0.0387	1.1825	0.473
2019년	135	Cut Optimization for Redundant Via Insertion in Self-Aligned Double Patterning		GN AUTOMA	SCI(E)	1084-4309	10.1145/3355391		24	6	2.5424	201911	2	3	5	송영수	주저자	박사	0.4	0	0	0.942	0.228	0.0912	0.0015	0.1354	0.0542
2019년	136	Efficient hybrid colloidal quantum dot/organic solar cells mediated by near-infrared sensitizing small molecules		Nature Energ	SCI(E)	2058-7546	10.1038/s41560-019-0492-1		4	11	969	201911	6	12	18	김병수	주저자	석사	0.1538	1.3066	0.201	54	4.163	0.6403	0.0406	0.4559	0.0701

2019년	137	Genome classification improvements based on k-mer intervals in sequences		GENOMICS	SCI(E)	0888-7543	10.1016/j.ygeno.2018.11.001		111	6	1574	201911	2	0	2	한규범	주저자	박사	0.5	0	0	3.16	0.355	0.1775	0.0055	0.1148	0.0574
2019년	138	Latent Question Interpretation Through Variational Adaptation		Audio Speec	SCI(E)	2329-9290	10.1109/TASLP.2019.2929647		27	11	1713	201911	2	3	5	rshakova Teti	주저자	석사	0.4	0	0	3.531	0.781	0.3124	0.0068	0.3618	0.1447
2019년	139	Phase-Shifted Full-Bridge DC–DC Converter With High Efficiency and High Power Density Using Center-Tapped Clamp Circuit for Battery Charging in Electric Vehicles		ONS ON POW	SCI(E)	0885-8993	10.1109/TPEL.2019.2899960		34	11	10945	201911	2	1	3	임천용	주저자	박사	0.4	0	0	7.224	1.096	0.4384	0.0745	2.1338	0.8535
2019년	140	A 60 GHz Wideband, Low-Power Active Receiving Antenna With Adjustable Polarization for SNR Improvement		ON ANTENNA	SCI(E)	0018-926X	10.1109/TAP.2019.2935673		67	12	7296	201912	2	5	7	장태환	주저자	박사	0.4	0	0	4.435	0.673	0.2692	0.048	1.4657	0.5863
2019년	141	A PVT-robust Customized 4T Embedded DRAM Cell Array for Accelerating Binary Neural Networks		Conference on	국제학술대회	BKCSA065	10.1109/ICCAD45719.2019.8942072	regular				201912	2	2	4	신혜인	주저자	석사	0.4	0	0	3	0.531	0.2124	0.0058	0.3483	0.1393
2019년	142	A Strategy for Optimizing Low Operating Voltage in a Silicon Biristor		ONS ON NAN	SCI(E)	1536-125X	10.1109/TNANO.2019.2956092		19		5	201912	2	3	5	손준우	주저자	석사	0.4		0	2.292	0.348	0.1392	0.0048	0.1387	0.0555
2019년	143	An Energy-efficient Processing-in-memory Architecture for Long Short Term Memory in Spin Orbit Torque		Conference on	국제학술대회	BKCSA065	10.1109/ICCAD45719.2019.8942129	regular				201912	2	3	5	김경한	주저자	석사	0.4	0	0	3	0.531	0.2124	0.0058	0.3483	0.1393
2019년	144	Cascade RPN: Delving into High-Quality Region Proposal Network with Adaptive Convolution		al Information	국제학술대회	BKCSA015	https://papers.nips.cc/paper/8423-cascade-rpn-delving-into-high-quality-region-proposal-network-with-adaptive-convolution	regular				201912	2	2	4	Vu Thang	주저자	석사	0.4		0	4	0.708	0.2832	0.0077	0.4644	0.1858

2019년	145	CNNP-V2: An Memory-centric Architecture for Low-power CNN Processor on Domain-Specific Mobile Devices		nd Selected T	SCI(E)	2156-3357	10.1109/JETCAS.2019.2952457		9	4	598	201912	1	3	4	최성필	주저자	박사	0.5	0	0	3.433	0.521	0.2605	0.004	0.1152	0.0576
2019년	146	Effect of ZrO2 interfacial layer on forming ferroelectric HfxZryOz on Si substrate		AIP Advances	SCI(E)	2158-3226	10.1063/1.5124402		9	12	125020	201912	2	7	9	이상재	주저자	석사	0.4	0	0	1.579	0.138	0.0552	0.0254	0.2737	0.1095
2019년	147	Joint power and time allocation for two-way cooperative NOMA		S ON VEHICU	SCI(E)	0018-9545	10.1109/TVT.2019.2949129		68	12	12443	201912	2	0	2	배지민	주저자	박사	0.5	0	0	5.339	0.957	0.4785	0.0466	2.4192	1.2096
2019년	148	Wide Locking-Range Frequency Multiplier by 1.5 Employing Quadrature Injection-Locked Frequency Tripler with Embedded		MICROWAVE T	SCI(E)	0018-9480	10.1109/TMTT.2019.2937480		67	12	4791	201912	2	3	5	신새벽	주저자	석사	0.4	0	0	3.756	0.57	0.228	0.0321	0.9182	0.3673