

Er-Ping Li

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152
papers

2,441
citations

25
h-index

45
g-index

229
ext. papers

3,315
ext. citations

4.8
avg, IF

5.35
L-index

#	Paper	IF	Citations
152	Contacts between Two- and Three-Dimensional Materials: Ohmic, Schottky, and p-n Heterojunctions. <i>ACS Nano</i> , 2016 , 10, 4895-919	16.7	257
151	Full-Polarization 3D Metasurface Cloak with Preserved Amplitude and Phase. <i>Advanced Materials</i> , 2016 , 28, 6866-71	24	186
150	Deep-learning-enabled self-adaptive microwave cloak without human intervention. <i>Nature Photonics</i> , 2020 , 14, 383-390	33.9	113
149	Ab initio study of electronic and optical behavior of two-dimensional silicon carbide. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2131	7.1	111
148	Development of the Three-Dimensional Unconditionally Stable LOD-FDTD Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 3596-3600	4.9	83
147	Hyperbolic spoof plasmonic metasurfaces. <i>NPG Asia Materials</i> , 2017 , 9, e428-e428	10.3	77
146	Adaptive Passivity-Based Control of dc/dc Buck Power Converter With Constant Power Load in DC Microgrid Systems. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2019 , 7, 2029-2040	5.6	75
145	A Broadband Fluorographene Photodetector. <i>Advanced Materials</i> , 2017 , 29, 1700463	24	72
144	Performing optical logic operations by a diffractive neural network. <i>Light: Science and Applications</i> , 2020 , 9, 59	16.7	65
143	Gradient Chiral Metamirrors for Spin-Selective Anomalous Reflection. <i>Laser and Photonics Reviews</i> , 2017 , 11, 1700115	8.3	61
142	. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2018 , 60, 768-775	2	61
141	Investigation of SAR Reduction Using Flexible Antenna With Metamaterial Structure in Wireless Body Area Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 3076-3086	4.9	59
140	Experimental Observation of Superscattering. <i>Physical Review Letters</i> , 2019 , 122, 063901	7.4	54
139	A circuit method to integrate metamaterial and graphene in absorber design. <i>Optics Communications</i> , 2014 , 329, 76-80	2	51
138	Dual-Band Dual Circularly Polarized Microstrip Antenna With Two Eccentric Rings and an Arc-Shaped Conducting Strip. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 834-837	3.8	48
137	Concealing arbitrary objects remotely with multi-folded transformation optics. <i>Light: Science and Applications</i> , 2016 , 5, e16177	16.7	44
136	Highly efficient graphene-on-gap modulator by employing the hybrid plasmonic effect. <i>Optics Letters</i> , 2017 , 42, 1736-1739	3	40

135	Designing an Efficient Multimode Environmental Sensor Based on GrapheneSilicon Heterojunction. <i>Advanced Materials Technologies</i> , 2017 , 2, 1600262	6.8	38
134	A Low-Profile Broadband Bandpass Frequency Selective Surface With Two Rapid Band Edges for 5G Near-Field Applications. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2017 , 59, 670-676	2	37
133	High-performance photodetectors based on two-dimensional tin(II) sulfide (SnS) nanoflakes. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 10036-10041	7.1	37
132	The study of few-layer graphene based MachZehnder modulator. <i>Optics Communications</i> , 2014 , 323, 49-53	2	36
131	2012 ,		35
130	Tunable THz Multiband Frequency-Selective Surface Based on Hybrid MetalGraphene Structures. <i>IEEE Nanotechnology Magazine</i> , 2017 , 16, 1132-1137	2.6	32
129	Ultrawideband chromatic aberration-free meta-mirrors. <i>Advanced Photonics</i> , 2020 , 3,	8.1	29
128	Improved Slow Light Capacity In Graphene-based Waveguide. <i>Scientific Reports</i> , 2015 , 5, 15335	4.9	27
127	Valley Kink States and Topological Channel Intersections in Substrate-Integrated Photonic Circuitry. <i>Laser and Photonics Reviews</i> , 2019 , 13, 1900159	8.3	24
126	Toroidal Localized Spoof Plasmons on Compact Metadisks. <i>Advanced Science</i> , 2018 , 5, 1700487	13.6	21
125	A Graphene-Enhanced Fiber-Optic Phase Modulator With Large Linear Dynamic Range. <i>IEEE Photonics Technology Letters</i> , 2014 , 26, 1867-1870	2.2	20
124	Design of Ultracompact Graphene-Based Superscatterers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017 , 23, 130-137	3.8	19
123	Large-Scale Far-Infrared Invisibility Cloak Hiding Object from Thermal Detection. <i>Advanced Optical Materials</i> , 2015 , 3, 1738-1742	8.1	19
122	Realizing transmitted metasurface cloak by a tandem neural network. <i>Photonics Research</i> , 2021 , 9, B2296		18
121	A Particle Swarm Optimization-Based Approach for Predicting Maximum Radiated Emission From PCBs With Dominant Radiators. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2015 , 57, 1197-1205 ²		17
120	. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2021 , 63, 38-45	2	16
119	Diodelike Spin-Orbit Interactions of Light in Chiral Metasurfaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 7148-7155	4.9	16
118	Iteration-Free-Phase Retrieval for Directive Radiators Using Field Amplitudes on Two Closely Separated Observation Planes. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2016 , 58, 607-610	2	15

117	A Novel Tunable Absorber Based on Vertical Graphene Strips. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 10-12	2.6	15
116	Design of Wideband Implantable Antenna for Wireless Capsule Endoscope System. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 2706-2710	3.8	14
115	Hydrothermal synthesis and fast photoresponsive characterization of SnS ₂ hexagonal nanoflakes. <i>Journal of Materials Science</i> , 2019 , 54, 2059-2065	4.3	14
114	Type-I hyperbolic metasurfaces for highly-squeezed designer polaritons with negative group velocity. <i>Nature Communications</i> , 2019 , 10, 2002	17.4	13
113	Electrothermal Effects on Hot-Carrier Reliability in SOI MOSFETs Versus Circuit-Speed Random Stress. <i>IEEE Transactions on Electron Devices</i> , 2016 , 63, 3669-3676	2.9	13
112	Recent developments in graphene-based optical modulators. <i>Frontiers of Optoelectronics</i> , 2014 , 7, 277-292	2.8	12
111	Cross-Diablo Nanoantenna for Localizing and Enhancing Magnetic Field With Arbitrary Polarization. <i>Journal of Lightwave Technology</i> , 2012 , 30, 829-833	4	12
110	A Compact Meander Line-Resonator Hybrid Structure for Wideband Common-Mode Suppression. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2015 , 57, 1255-1261	2	12
109	Direct current remote cloak for arbitrary objects. <i>Light: Science and Applications</i> , 2019 , 8, 30	16.7	11
108	Miniaturized Polarization Insensitive Metamaterial Absorber Applied on EMI Suppression. <i>IEEE Access</i> , 2020 , 8, 6583-6590	3.5	11
107	Acetone Sensing Properties and Mechanism of Rh-Loaded WO Nanosheets. <i>Frontiers in Chemistry</i> , 2018 , 6, 385	5	11
106	Electrothermal Investigation on Vertically Aligned Single-Walled Carbon Nanotube Contacted Phase-Change Memory Array for 3-D ICs. <i>IEEE Transactions on Electron Devices</i> , 2015 , 62, 3258-3263	2.9	10
105	PCB PDN Prelayout Library for Top-Layer Inductance and the Equivalent Model for Decoupling Capacitors. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2018 , 60, 1898-1906	2	10
104	Scaling Analysis of High Gain Monolayer MoS ₂ Photodetector for Its Performance Optimization. <i>IEEE Transactions on Electron Devices</i> , 2016 , 63, 1608-1614	2.9	10
103	A Novel Package Lid Using Mushroom-Type EBG Structures for Unintentional Radiation Mitigation. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2018 , 60, 1882-1888	2	10
102	Support Vector Regression-Based Active Subspace (SVR-AS) Modeling of High-Speed Links for Fast and Accurate Sensitivity Analysis. <i>IEEE Access</i> , 2020 , 8, 74339-74348	3.5	10
101	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 848-852	3.8	10
100	Non-contact radio frequency shielding and wave guiding by multi-folded transformation optics method. <i>Scientific Reports</i> , 2016 , 6, 36846	4.9	9

99	Implementation of ultra-miniaturised frequency-selective structures based on 2.5D convoluted segments. <i>Electronics Letters</i> , 2018 , 54, 476-478	1.1	9
98	Dynamic Thermal Management for 3-D ICs With Time-Dependent Power Map Using Microchannel Cooling and Machine Learning. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 1244-1252	1.7	9
97	Efficient Isolation of an MIMO Antenna Using Defected Ground Structure. <i>Electronics (Switzerland)</i> , 2020 , 9, 1265	2.6	9
96	Spurious-Free Dual-Band Bandpass Frequency-Selective Surfaces With Large Band Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1065-1072	4.9	9
95	Three-dimensional tunable frequency selective surface based on vertical graphene micro-ribbons. <i>Journal of Electromagnetic Waves and Applications</i> , 2015 , 29, 2130-2138	1.3	8
94	Experimental Realization of an Extreme-Parameter Omnidirectional Cloak. <i>Research</i> , 2019 , 2019, 82826418	4.18	8
93	A Shielding Structure for Crosstalk Reduction in Silicon Interposer. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 246-248	2.6	8
92	Comparison of Machine Learning Techniques for Predictive Modeling of High-Speed Links 2019 ,		8
91	Miniaturised FSS structure with excellent angular stability based on strong coupling for millimetre-wave communication. <i>Electronics Letters</i> , 2018 , 54, 511-513	1.1	8
90	An Active Absorber Based on Nonvolatile Floating-Gate Graphene Structure. <i>IEEE Nanotechnology Magazine</i> , 2017 , 16, 189-195	2.6	7
89	Visible Phototransistors Based on Vertical Nanolayered Heterostructures of SnS/SnS ₂ p _n and SnSe ₂ /SnS ₂ n _n Nanoflakes. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6847-6854	5.6	7
88	Electromagnetic and Thermal Characteristics of Graphite for Radiation Suppression in Wire-Bonded Package Heat Sink. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2018 , 60, 1445-1453	2	7
87	A novel heatsink with mushroom-type EBG structure for EMI radiation suppression 2018 ,		7
86	Enhanced Photoresponse of Indium-Doped Tin Disulfide Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 2607-2614	9.5	7
85	Improved Hybrid Leapfrog ADI-FDTD Method for Simulating Near-Field Coupling Effects Among Multiple Thin Wire Monopole Antennas on a Complex Platform. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2017 , 59, 618-626	2	6
84	. <i>IEEE Access</i> , 2019 , 7, 93772-93780	3.5	6
83	A Full-Parameter, Broadband, Homogeneous, and Compact Waveguide Coupler Designed With Transformation Optics. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 634-637	3.8	6
82	PDN Impedance Modeling for Multiple Through Vias Array in Doped Silicon. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2014 , 56, 1202-1209	2	6

81	Design of Conformal Spiral Dual-Band Antenna for Wireless Capsule System. <i>IEEE Access</i> , 2021 , 9, 117349-117367	4.1	5
80	Dynamic recognition and mirage using neuro-metamaterials.. <i>Nature Communications</i> , 2022 , 13, 2694	17.4	6
79	. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4459-4468	4.9	5
78	Reconfigurable Parallel Plasmonic Transmission Lines With Nanometer Light Localization and Long Propagation Distance. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013 , 19, 4601809-4601809	3.8	5
77	Machine learning for complex EMI prediction, optimization and localization 2017 ,		5
76	Broadband Janus Scattering from Tilted Dipolar Metagratings. <i>Laser and Photonics Reviews</i> , 2100369	8.3	5
75	Demonstration of Spider-Eyes-Like Intelligent Antennas for Dynamically Perceiving Incoming Waves. <i>Advanced Intelligent Systems</i> , 2021 , 3, 2100066	6	5
74	Wide-Band Modeling On-Chip Spiral Inductors Using Frequency-Dependent Conformal ADI-FDTD Method. <i>IEEE Access</i> , 2019 , 7, 184940-184949	3.5	5
73	Spoof Surface Plasmonic Graphene for Controlling the Transports and Emissions of Electromagnetic Waves. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 50-56	4.1	5
72	Hierarchical Attention-Based Machine Learning Model for Radiation Prediction of WB-BGA Package. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2021 , 1-9	2	5
71	In Situ Customized Illusion Enabled by Global Metasurface Reconstruction. <i>Advanced Functional Materials</i> , 2109331	15.6	4
70	Deep Learning Method for Prediction of Planar Radiating Sources from Near-Field Intensity Data 2019 ,		4
69	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-11	3.9	4
68	Enhanced Photodetection Performance of Photodetectors Based on Indium-Doped Tin Disulfide Few Layers. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 35889-35896	9.5	4
67	Low-Dispersion Leapfrog WCS-FDTD With Artificial Anisotropy Parameters and Simulation of Hollow Dielectric Resonator Antenna Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5801-5811	4.9	4
66	. <i>IEEE Access</i> , 2020 , 8, 9480-9487	3.5	3
65	Electrical-thermal co-analysis of through silicon via with equivalent circuit model 2017 ,		3
64	Quantification of EMI for power-ground plane and novel EBG structure for SSN suppression 2018 ,		3

63	. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2019 , 61, 495-503	2	3
62	Lumped 3-D Equivalent Thermal Circuit Model for Transient Thermal Analysis of TSV Array 2019 ,		3
61	Frequency-Response-Oriented Design and Optimization of N+ Diffusion Guard Ring in Lightly Doped CMOS Substrate. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2017 , 59, 481-487	2	3
60	A novel semi-analytical solution of impedance of grid-type power distribution network 2015 ,		3
59	Experimental Characterization of Radio Channel in Ruins Environment. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 1-1	3.8	3
58	A Novel Hybrid Analytical Method for Impedance Calculation of Power and Ground Planes. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2013 , 55, 949-955	2	3
57	Angle-Insensitive Toroidal Metasurface for High-Efficiency Sensing. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 1511-1517	4.1	3
56	Independent Bifocal Metalens Design Based on Deep Learning Algebra. <i>IEEE Photonics Technology Letters</i> , 2021 , 33, 403-406	2.2	3
55	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 2048-2059	4.1	3
54	Investigation of Leaky-Wave Antenna with Stable Wide Beam Scanning Characteristic. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	3
53	Large modulation capacity in graphene-based slot modulators by enhanced hybrid plasmonic effects. <i>Scientific Reports</i> , 2018 , 8, 16830	4.9	3
52	. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2021 , 11, 1369-1379	1.7	3
51	Implementation of convolutional perfectly matched layer for three-dimensional hybrid implicit-explicit finite-difference time-domain method. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21741	1.5	2
50	High-Speed Link Design Optimization Using Machine Learning SVR-AS Method 2020 ,		2
49	Magnetic Metamirrors as Spatial Frequency Filters. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 5505-5511	4.9	2
48	Applications of anisotropic one-step leapfrog HIE-FDTD method in microwave circuit and antenna. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22151	1.5	2
47	Electrical-thermal Cosimulation of Coaxial TSVs With Temperature-Dependent MOS Effect Using Equivalent Circuit Models. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2020 , 62, 2247-2256	2	2
46	Ultra-compact graphene-embedded optical phase modulators 2014 ,		2

45	Mitigation of unintentional radiation from the package lid using PMC packaging 2017 ,		2
44	Modeling and characterization of Joule heating in metal core of TSV 2014 ,		2
43	Full RLGC model extraction of Through Silicon Via (TSV) with charge distribution effects. <i>Journal of Electromagnetic Waves and Applications</i> , 2014 , 28, 1596-1609	1.3	2
42	A Novel Miniaturized Multi-Band Strong Coupled-FSS Structure Insensitive to Almost-All Angles and All Polarizations. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2
41	Design of resistor-loaded coding metasurface for independent amplitude and phase control. <i>Journal of Electromagnetic Waves and Applications</i> , 2021 , 35, 1575-1586	1.3	2
40	A transparent broadband absorber based on graphene 2016 ,		2
39	First principles calculation of effect of graphene coating on transmission coefficient of Cu thin film with low surface roughness. <i>Journal of Applied Physics</i> , 2019 , 125, 065305	2.5	2
38	Optimization of Graphene-Based Slot Waveguides for Efficient Modulation. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2020 , 26, 1-5	3.8	2
37	Photodetectors: A Broadband Fluorographene Photodetector (Adv. Mater. 22/2017). <i>Advanced Materials</i> , 2017 , 29,	24	1
36	Equivalent Inductance Analysis and Quantification for PCB PDN Design 2019 ,		1
35	A hybrid domain decomposition and optimization method for predicting electromagnetic emissions from printed circuit boards. <i>Journal of Electromagnetic Waves and Applications</i> , 2015 , 29, 1082-1092	1.3	1
34	. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 329-335	1.7	1
33	Intelligent Traffic Guidance System Based on Dynamic Toll Collection Policy 2014 ,		1
32	Dual-band bandpass filter using centrally coupled resonators (CCRs). <i>Journal of Electromagnetic Waves and Applications</i> , 2013 , 27, 1059-1067	1.3	1
31	A circular-shaped perfectly matched layer strategy for rectangular FDTD grids 2017 ,		1
30	A tunable wideband absorber based on periodic resistive patterned graphene 2015 ,		1
29	Frequency optimization of permeability metamaterial for enhanced resolution. <i>Applied Optics</i> , 2019 , 58, 3200-3208	1.7	1
28	Ultrathin, Electrically Small Noise Suppression Sheet for Microwave Cavities of 3-D Integrated Circuits: Design Methodology and Realization. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	1

27	Efficient Nonlinear Behavior Modeling Method for Voltage-Variable Capacitors. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2021 , 11, 462-470	1.7	1
26	Modeling and measurement of a novel shielding design in silicon interposer 2016 ,		1
25	2.5D methodologies for electronic package and PCB modeling: Review and latest development 2016 ,		1
24	Modeling and Analysis for MOS Capacitance of TSV Considering Temperature Dependence 2019 ,		1
23	Investigation of Multilayer Print Circuit Board Probe With Temperature Compensation for Ultra-Wideband Near-Field Measurement. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2020 , 62, 840-847	2	1
22	Sliding Mode Control of Parallel-Connected DC-DC Buck Power Converters in DC Microgrid Systems 2018 ,		1
21	Metantenna design with one-dimensional holographic concept. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, mmce22536	1.5	1
20	A novel continuous control set model predictive control to guarantee stability and robustness for buck power converter in DC microgrids. <i>Energy Reports</i> , 2021 , 7, 1400-1415	4.6	1
19	A Neuro-Space Mapping Method for Harmonic Interference Prediction of SOIFET Radio Frequency Switches. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2022 , 1-7	2	1
18	Au/SnS ₂ /Al Schottky Structure for High Detectivity and Low Dark Current Visible Light Detector. <i>IEEE Electron Device Letters</i> , 2022 , 43, 76-79	4.4	0
17	Investigation of Axial Mode Dielectric Helical Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	0
16	Improved Leapfrog LOD-FDTD Method With Controlling Parameters. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 1-4	2.6	0
15	. <i>IEEE Access</i> , 2021 , 9, 161854-161861	3.5	0
14	Cubic lattice-based spherical uniaxial perfectly matched layer for the FDTD method. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , 2020 , 33, e2621	1	0
13	Diffusion Barrier Prediction of Graphene and Boron Nitride for Copper Interconnects by Deep Learning. <i>IEEE Access</i> , 2020 , 8, 210542-210549	3.5	0
12	Multiphysics Modeling and Simulation of Carrier Dynamics and Thermal Transport in Monolayer MoS ₂ /WSe ₂ Heterojunction. <i>IEEE Transactions on Electron Devices</i> , 2018 , 65, 4542-4547	2.9	0
11	Design and Analysis of a Novel Compact Metamaterial Absorber Based on Double-Layer ITO Resistive Film for Improving Signal Integrity. <i>IEEE Access</i> , 2022 , 10, 24067-24079	3.5	0
10	A robust passivity based model predictive control for buck converter supplying constant power load. <i>Energy Reports</i> , 2021 , 7, 792-813	4.6	0

- 9 Wideband Compartment Shielding Technique for Miniaturized Packages Based on Electrically Small Single-Negative Meta-Diaphragm. *IEEE Transactions on Microwave Theory and Techniques*, **2022**, 1-1 4.1 0
- 8 Modeling and Optimization of Substrate Electromagnetic Coupling and Isolation in Modern Lightly Doped CMOS Substrate. *IEEE Transactions on Electromagnetic Compatibility*, **2017**, 59, 662-669 2
- 7 Electron Transport in Graphene-Versus Al/Pd-Coated Thin Cu Films With Low-Surface Roughness: A First Principles Study. *IEEE Access*, **2019**, 7, 84858-84865 3.5
- 6 An offset surface to reduce radar cross section for airborne antenna out-band. *International Journal of RF and Microwave Computer-Aided Engineering*, **2019**, 29, e21924 1.5
- 5 Design of the Addressable Test Structure for S -Parameter-Based RF Device Characterization. *IEEE Transactions on Microwave Theory and Techniques*, **2017**, 65, 2122-2131 4.1
- 4 A novel electromagnetic bandgap design applied for suppression of printed circuit board electromagnetic radiation. *International Journal of RF and Microwave Computer-Aided Engineering*, **2020**, 30, e21990 1.5
- 3 . *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1 4.9
- 2 Stop band blocking window modeling with energy absorber in 5G mid-band cellular communications. *International Journal of RF and Microwave Computer-Aided Engineering*, **2021**, 31, e22533^{1.5}
- 1 Analysis of a Novel Resistive Film Absorber for Suppression of Electromagnetic Radiation in System-in-Packages. *International Journal of Antennas and Propagation*, **2022**, 2022, 1-15 1.2