

Shengxiang Huang

List of Publications by Year in descending order

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59
papers

875
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable and broadband high-performance microwave absorption of ZnFe ₂ O ₄ nanoparticles decorated Ti ₃ C ₂ T _x MXene composites. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 541, 168544.	2.3	15
2	Metamaterial-based frequency reconfigurable microstrip antenna for wideband and improved gain performance. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2022, 32, e22988.	1.2	2
3	Dual-function flexible metasurface for absorption and polarization conversion and its application for radar cross section reduction. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	11
4	Enhancement of Electrochromic Properties of Polyaniline Induced by Copper Ions. <i>Nanoscale Research Letters</i> , 2022, 17, 51.	5.7	12
5	Active metasurface microwave absorber with reconfigurable bandwidth and absorption intensity. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 344003.	2.8	7
6	Design of Real-Time Automatic Gain Control Circuit for Ultra-Low-Frequency (ULF) Communications. , 2022, , .		0
7	Microwave Wireless Power Transfer System Based on a Frequency Reconfigurable Microstrip Patch Antenna Array. <i>Energies</i> , 2021, 14, 415.	3.1	10
8	A mV-level real-time peak-voltage detection circuit based on differential structure. <i>Review of Scientific Instruments</i> , 2021, 92, 034713.	1.3	4
9	Mechanism analysis of irradiation location dependent leakage current for zinc oxide thin-film transistors. <i>AIP Advances</i> , 2021, 11, 075108.	1.3	0
10	Porous Carbon Substrate Improving the Sensing Performance of Copper Nanoparticles Toward Glucose. <i>Nanoscale Research Letters</i> , 2021, 16, 127.	5.7	7
11	Implementation of Fuzzy C-Means (FCM) Clustering Based Camouflage Image Generation Algorithm. <i>IEEE Access</i> , 2021, 9, 120203-120209.	4.2	5
12	Hypersensitized Metamaterials Based on a Corona-Shaped Resonator for Efficient Detection of Glucose. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 103.	2.5	12
13	Chaos patterned metasurface absorber with multi-peak and broadband. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	2
14	N,N-Dimethyl Formamide Regulating Fluorescence of MXene Quantum Dots for the Sensitive Determination of Fe ³⁺ . <i>Nanoscale Research Letters</i> , 2021, 16, 160.	5.7	14
15	Design of Microstrip Patch Antenna Array with Enhanced Gain Based on the Metamaterial. , 2021, , .		0
16	Fractal Order Dependent Frequency-Shifting of Perfect Absorber Based on Fractal Pattern Enabled Metasurface. , 2021, , .		0
17	Comptibility of optical transparency and microwave absorption in C-band for the metamaterial with second-order cross fractal structure. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 116, 113756.	2.7	10
18	Tunable Magnetoelectric Response in Cofired (Bi _{0.5} Na _{0.5} TiO ₃ -Bi _{0.5} K _{0.5} TiO ₃)/CoFe ₂ O ₄ Laminated Composite. <i>Journal of Electronic Materials</i> , 2020, 49, 650-658.	2.2	2

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19	Tailoring microwave electromagnetic responses in Ti ₃ C ₂ T _x MXene with CoNi-alloy nanoparticles decoration via mild hydrothermal method. Results in Physics, 2020, 19, 103516.	4.1	26
20	The Detection of Chemical Materials with a Metamaterial-Based Sensor Incorporating Oval Wing Resonators. Electronics (Switzerland), 2020, 9, 825.	3.1	25
21	Design and study of a metamaterial based sensor for the application of liquid chemicals detection. Journal of Materials Research and Technology, 2020, 9, 10291-10304.	5.8	60
22	Multipurpose chemical liquid sensing applications by microwave approach. PLoS ONE, 2020, 15, e0232460.	2.5	12
23	A sensitivity-enhanced capacitance readout circuit with symmetric cross-coupling structure. Review of Scientific Instruments, 2020, 91, 035001.	1.3	1
24	An AMOLED Pixel Circuit Based on LTPS Thin-film Transistors with Mono-Type Scanning Driving. Electronics (Switzerland), 2020, 9, 574.	3.1	4
25	Electromagnetic simulations of polarization-insensitive and wide-angle multiband metamaterial absorber by incorporating double asterisk resonator. Bulletin of Materials Science, 2020, 43, 1.	1.7	16
26	A Low-Profile Antenna Based on Single-Layer Metasurface for Ku-Band Applications. International Journal of Antennas and Propagation, 2020, 2020, 1-8.	1.2	19
27	Omnidirectional wireless power transfer system with a multidirectional receiver inside a cubic transmitter. IEICE Electronics Express, 2020, 17, 20200257-20200257.	0.8	2
28	Multipurpose chemical liquid sensing applications by microwave approach. , 2020, 15, e0232460.		0
29	Multipurpose chemical liquid sensing applications by microwave approach. , 2020, 15, e0232460.		0
30	Multipurpose chemical liquid sensing applications by microwave approach. , 2020, 15, e0232460.		0
31	Multipurpose chemical liquid sensing applications by microwave approach. , 2020, 15, e0232460.		0
32	Omnidirectional magnetic resonant coupling wireless power transfer system with a cubic spiral transmitter. AIP Advances, 2019, 9, .	1.3	5
33	The underlying mechanisms of enhanced microwave absorption performance for the NiFe ₂ O ₄ -decorated Ti ₃ C ₂ T _x MXene. Results in Physics, 2019, 15, 102750.	4.1	33
34	Design of a multilayer composite absorber working in the P-band by NiZn ferrite and cross-shaped metamaterial. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	17
35	Magnetic Resonated Bilayer Square-Ring Enabled Dual-Peak Metamaterial Absorber in P-Band. Journal of Superconductivity and Novel Magnetism, 2019, 32, 3593-3600.	1.8	5
36	Infrared emissivity and microwave transmission behavior of flaky aluminum functionalized pyramidal-frustum shaped periodic structure. Infrared Physics and Technology, 2019, 99, 123-128.	2.9	29

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37	High Sensitive Readout Circuit for Capacitance Touch Panel With Large Size. IEEE Sensors Journal, 2019, 19, 1412-1415.	4.7	5
38	A Fast Ramp-Voltage-Based Current Programming Driver for AMOLED Display. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1129-1133.	3.0	10
39	Electromagnetic matching and microwave absorption abilities of Ti ₃ SiC ₂ encapsulated with Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ shell. Journal of Magnetism and Magnetic Materials, 2019, 473, 184-189.	2.3	47
40	Realization of Wideband Magnetolectric Response Utilizing Three-Phase Particulate Ceramics. Journal of Superconductivity and Novel Magnetism, 2019, 32, 2193-2197.	1.8	1
41	Effects of Co ₂ O ₃ on electromagnetic properties of NiCuZn ferrites. Journal of Magnetism and Magnetic Materials, 2018, 452, 349-353.	2.3	25
42	A polarization-independent and broadband microwave metamaterial absorber based on three-dimensional structure. Journal of Modern Optics, 2018, 65, 1521-1528.	1.3	5
43	Magnetic effects on polarization response in particulate magnetolectric Bi _{0.5} Na _{0.5} TiO ₃ -La _{0.67} Sr _{0.33} MnO ₃ composites. Materials Letters, 2018, 212, 139-142.	2.6	12
44	Enhanced magnetolectric coupling in La-modified Bi ₅ Co _{0.5} Fe _{0.5} Ti ₃ O ₁₅ multiferroic ceramics. Journal of Materials Science, 2018, 53, 1014-1023.	3.7	17
45	Size-dependent magnetolectric response of (Bi _{0.5} Na _{0.5} TiO ₃ -Bi _{0.5} K _{0.5} TiO ₃)-(Ni _{0.8} Zn _{0.2})Fe ₂ O ₄ particulate composites. Ceramics International, 2018, 44, 3712-3717.	4.8	12
46	Analytical drain current model for symmetric dual-gate amorphous indium gallium zinc oxide thin-film transistors. Japanese Journal of Applied Physics, 2018, 57, 014301.	1.5	8
47	Wide-angle microwave absorption performance of polyurethane foams combined with cross-shaped metamaterial absorber. Results in Physics, 2018, 11, 769-776.	4.1	39
48	Effect of temperature on dielectric response in X-band of silicon nitride ceramics prepared by gelcasting. AIP Advances, 2018, 8, 075127.	1.3	9
49	Investigation on microwave dielectric behavior of flaky carbonyl iron composites. Journal of Materials Science: Materials in Electronics, 2018, 29, 15112-15118.	2.2	19
50	Magnetolectric Effect in Cofired Lead-Free Laminated (Bi _{0.5} Na _{0.5} TiO ₃ -20Bi _{0.5} K _{0.5} TiO ₃)-(Ni _{0.8} Zn _{0.2})Fe ₂ O ₄ Particulate Composites. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700533.	1.8	2
51	Magnetolectric properties of lead-free (80Bi _{0.5} Na _{0.5} TiO ₃ -20Bi _{0.5} K _{0.5} TiO ₃)-Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ particulate composites prepared by <i>in situ</i> sol-gel. Journal of Applied Physics, 2017, 122, .	2.5	22
52	Enhanced microwave absorption properties of Fe ₃ O ₄ -modified flaky FeSiAl. Journal of Magnetism and Magnetic Materials, 2017, 444, 49-53.	2.3	75
53	Investigation on magnetolectric behavior of (80Bi _{0.5} Na _{0.5} TiO ₃ -20Bi _{0.5} K _{0.5} TiO ₃)-CoFe ₂ O ₄ particulate composites. Journal of Magnetism and Magnetic Materials, 2017, 444, 284-290.	2.3	9
54	Effect of Nd-doping on structure and microwave electromagnetic properties of BiFeO ₃ . Journal of Magnetism and Magnetic Materials, 2017, 426, 267-272.	2.3	43

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55	Poly-Si TFTs integrated gate driver circuit with charge-sharing structure. Journal of Semiconductors, 2017, 38, 055001.	3.7	3
56	Electromagnetic responses of magnetic conductive hollow fibers. Journal of Applied Physics, 2012, 111, 084506.	2.5	4
57	Effect of Ag substitution on the electromagnetic property and microwave absorption of LaMnO ₃ . Journal of Magnetism and Magnetic Materials, 2012, 324, 3149-3153.	2.3	23
58	Electromagnetic properties and microwave absorption of W-type hexagonal ferrites doped with La ³⁺ . Journal of Magnetism and Magnetic Materials, 2011, 323, 1895-1898.	2.3	117
59	Low-profile linear polarization conversion metasurfaces using degenerate modes for high-selectivity. Journal Physics D: Applied Physics, 0, , .	2.8	1