Feng Qin

List of Publications by Year
in descending order

31 papers	1,265 citations	516710 16 h-index	526287 27 g-index
31 all docs	31 docs citations	31 times ranked	812 citing authors

#	Article	IF	Citations
1	Lightweight Ni/CNT decorated melamine sponge with sensitive strain sensing performance for ultrahigh electromagnetic absorption in both GHz and THz bands. Chemical Engineering Journal, 2022, 429, 132393.	12.7	29
2	Realization of 18.97% theoretical efficiency of 0.9 Î¼m thick c-Si/ZnO heterojunction ultrathin-film solar cells via surface plasmon resonance enhancement. Physical Chemistry Chemical Physics, 2022, 24, 4871-4880.	2.8	156
3	A Model to Evaluate the Device-Level Performance of Thermoelectric Cooler with Thomson Effect Considered. Journal of Thermal Science, 2022, 31, 712-726.	1.9	2
4	Ultra-wideband circularly polarized cavity-backed crossed-dipole antenna. Scientific Reports, 2022, 12, 4569.	3.3	8
5	Flexible and Lightweight Ni/MXene Decorated Polyurethane Sponge Composite with Sensitive Strain Sensing Performance for Ultrahigh Terahertz Absorption. Advanced Optical Materials, 2022, 10, .	7.3	10
6	Grating Structure Broadband Absorber Based on Gallium Arsenide and Titanium. Coatings, 2022, 12, 588.	2.6	2
7	Broadband solar absorbers with excellent thermal radiation efficiency based on Wâ€“Al2O3 stack of cubes. International Journal of Thermal Sciences, 2022, 179, 107683.	4.9	12
8	Minimum Sample Size Estimation Method of Electromagnetic Effect Test Based on Confidence Interval. , 2022, , .		0
9	Highly Uniform and Stable Transparent Electromagnetic Interference Shielding Film Based on Silver Nanowireâ€“PEDOT:PSS Composite for High Power Microwave Shielding. Macromolecular Materials and Engineering, 2021, 306, 2000607.	3.6	24
10	Response Characteristics of Gas Discharge Tube to High-Power Microwave. IEEE Access, 2021, 9, 111486-111492.	4.2	6
11	Shielding Performance of Materials Under the Excitation of High-Intensity Transient Electromagnetic Pulse. IEEE Access, 2021, 9, 49697-49704.	4.2	4
12	Ultra-wideband and wide-angle perfect solar energy absorber based on Ti nanorings surface plasmon resonance. Physical Chemistry Chemical Physics, 2021, 23, 17041-17048.	2.8	219
13	PET/Ag NW/PMMA transparent electromagnetic interference shielding films with high stability and flexibility. Nanoscale, 2021, 13, 8067-8076.	5.6	40
14	Transparent, Flexible, and Stable Polyethersulfone/Copperâ€Nanowires/Polyethylene Terephthalate Sandwichâ€Structured Films for Highâ€Performance Electromagnetic Interference Shielding. Advanced Engineering Materials, 2021, 23, 2100283.	3.5	20
15	The better photoelectric performance of thin-film TiO2/c-Si heterojunction solar cells based on surface plasmon resonance. Results in Physics, 2021, 28, 104628.	4.1	27
16	Broadband polarization-insensitive and wide-angle solar energy absorber based on tungsten ring-disc array. Nanoscale, 2020, 12, 23077-23083.	5.6	143
17	Multifunctional Electromagnetic Interference Shielding Ternary Alloy (Niâ€“Wâ€“P) Decorated Fabric with Wide-Operating-Range Joule Heating Performances. ACS Applied Materials & Interfaces, 2020, 12, 48016-48026.	8.0	44
18	Metal carbide/Ni hybrids for high-performance electromagnetic absorption and absorption-based electromagnetic interference shielding. Inorganic Chemistry Frontiers, 2020, 7, 4832-4844.	6.0	31

#	Article	IF	Citations
19	Ultrawideband Harmonic Suppression in Microstrip Patch Antenna Using Novel Defected Ground Structures. International Journal of Antennas and Propagation, 2020, 2020, 1-8.	1.2	0
20	Highly efficient and stable transparent electromagnetic interference shielding films based on silver nanowires. Nanoscale, 2020, 12, 14589-14597.	5.6	78
21	Shielding Effectiveness of Materials Under the Excitation of High-Power Microwave. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2317-2320.	2.2	3
22	Ultra-broadband and wide-angle perfect solar absorber based on TiN nanodisk and Ti thin film structure. Solar Energy Materials and Solar Cells, 2020, 211, 110535.	6.2	193
23	Study on the solar energy absorption of hybrid solar cells with trapezoid-pyramidal structure based PEDOT:PSS/c-Ge. Solar Energy, 2020, 204, 635-643.	6.1	99
24	Ultra-Wideband Harmonic Suppression of Microstrip Antennas Using Compact Defected Ground Structure. , 2020, , .		1
25	Study on the Characterization of Shielding Effectiveness of Materials under Wide Band Electromagnetic Pulse. , 2020, , .		0
26	A Sprayed Graphene Pattern-Based Flexible Strain Sensor with High Sensitivity and Fast Response. Sensors, 2019, 19, 1077.	3.8	22
27	An Adjustable Magnetic Preloading and Stepping Controlled Piezoelectric Traveling-Wave Ultrasonic Micromotor. Journal of Microelectromechanical Systems, 2019, 28, 264-270.	2.5	9
28	Molecular Tunnel Junction-Controlled High-Order Charge Transfer Plasmon and Fano Resonances. ACS Nano, 2018, 12, 12541-12550.	14.6	24
29	A Novel PZT-Based Traveling-Wave Micromotor With High Performance and Unconstrained Coaxial Rotation. Journal of Microelectromechanical Systems, 2018, 27, 635-642.	2.5	13
30	High Dynamic Micro Vibrator with Integrated Optical Displacement Detector for In-Situ Self-Calibration of MEMS Inertial Sensors. Sensors, 2018, 18, 2055.	3.8	1
31	Role of shape in substrate-induced plasmonic shift and mode uncovering on gold nanocrystals. Nanoscale, 2016, 8, 17645-17657.	5.6	45