Guodong Wang

List of Publications by Year in descending order

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43 papers	512 citations	623734 14 h-index	677142 22 g-index
43 all docs	43 docs citations	43 times ranked	514 citing authors

#	Article	IF	Citations
1	High energy storage properties of lead-free Mn-doped (1-x)AgNbO3-xBi0.5Na0.5TiO3 antiferroelectric ceramics. Journal of the European Ceramic Society, 2020, 40, 56-62.	5.7	66
2	Sensing platform of PdO-ZnO-In2O3 nanofibers using MOF templated catalysts for triethylamine detection. Sensors and Actuators B: Chemical, 2021, 343, 130126.	7.8	50
3	Description of Cretaceous Sedimentary Sequence of the First Member of the Qingshankou Formation Recovered by CCSD-SK-Is Borehole in Songliao Basin: Lithostratigraphy, Sedimentary Facies, and Cyclic Stratigraphy. Earth Science Frontiers, 2009, 16, 314-323.	0.6	40
4	Antiferroelectricity in tantalum doped (Bi0.5Na0.5)0.94Ba0.06TiO3 lead-free ceramics. Ceramics International, 2016, 42, 4313-4322.	4.8	33
5	Preparation of Pd/PdO@ZnO-ZnO nanorods by using metal organic framework templated catalysts for selective detection of triethylamine. Sensors and Actuators B: Chemical, 2022, 350, 130840.	7.8	33
6	Modulated band structure and phase transitions in calcium hafnate titanate modified silver niobate ceramics for energy storage. Chemical Engineering Journal, 2021, 426, 131047.	12.7	31
7	Description of Cretaceous Sedimentary Sequence of the Second and Third Member of the Qingshankou Formation Recovered by CCSD-SK-Is Borehole in Songliao Basin: Lithostratigraphy, Sedimentary Facies and Cyclic Stratigraphy. Earth Science Frontiers, 2009, 16, 288-313.	0.6	26
8	Constructions of new abundant traveling wave solutions for system of the ion sound and Langmuir waves by the variational direct method. Results in Physics, 2021, 26, 104375.	4.1	24
9	Description of Cretaceous Sedimentary Sequence of the Quantou Formation Recovered by CCSD-SK-Is Borehole in Songliao Basin: Lithostratigraphy, Sedimentary Facies and Cyclic Stratigraphy. Earth Science Frontiers, 2009, 16, 324-338.	0.6	21
10	A high extinction ratio THz polarizer fabricated by double-bilayer wire grid structure. AIP Advances, 2016, 6, .	1.3	17
11	Comparative study of photoluminescence from In_{0.3}Ga_{0.7}As/GaAs surface and buried quantum dots. Nanotechnology, 2016, 27, 465701.	2.6	17
12	Crystal structure and electrical properties of AgNbO3-based lead-free ceramics. Ceramics International, 2016, 42, 18791-18797.	4.8	17
13	Solution Processed Organic Transistor Nonvolatile Memory With a Floating-Gate of Carbon Nanotubes. IEEE Electron Device Letters, 2018, 39, 111-114.	3.9	17
14	Au nanoparticles enhanced fluorescence detection of DNA hybridization in picoliter microfluidic droplets. Biomedical Microdevices, 2014, 16, 479-485.	2.8	15
15	Transmission property of one-dimensional multilayer grapheneâ€“dielectric stack. Optik, 2016, 127, 2030-2035.	2.9	13
16	Electronic and hyperbolic dielectric properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Zr</mml:mi><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:mi>Hf</mml:mi><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> heterostructures. Physical Review B, 2019, 100, .	3.2	12
17	Enhanced energy-storage performance in silver niobate-based dielectric ceramics sintered at low temperature. Journal of Alloys and Compounds, 2022, 913, 165313.	5.5	11
18	Rational Design of SnO2 Hollow Microspheres Functionalized with Derivatives of Pt Loaded MOFs for Superior Formaldehyde Detection. Nanomaterials, 2022, 12, 1881.	4.1	9

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19	Preparation of Au@ZnO Nanofilms by Combining Magnetron Sputtering and Post-Annealing for Selective Detection of Isopropanol. Chemosensors, 2022, 10, 211.	3.6	8
20	High responsivity GaN nanowire UVA photodetector synthesized by hydride vapor phase epitaxy. Journal of Applied Physics, 2020, 128, .	2.5	7
21	Development of hard high-temperature piezoelectric ceramics for actuator applications. Journal of Materials Science: Materials in Electronics, 2015, 26, 9350-9354.	2.2	6
22	Refining the phase diagram of PbZr 1â^'xâ^'y Sn x Ti y O 3 ceramics with 0.40â‰¤ x â‰¤0.54 by crystal structural, dielectric response and hysteresis loop investigations. Ceramics International, 2016, 42, 9926-9934.	4.8	5
23	Optical properties of bimodally distributed InAs quantum dots grown on digital AlAs0.56Sb0.44matrix for use in intermediate band solar cells. Journal of Applied Physics, 2017, 121, 214304.	2.5	5
24	Gas Sensitivity of In0.3Ga0.7As Surface QDs Coupled to Multilayer Buried QDs. Photonic Sensors, 2020, 10, 283-290.	5.0	5
25	Strong Influence of Temperature and Vacuum on the Photoluminescence of In0.3Ga0.7As Buried and Surface Quantum Dots. Photonic Sensors, 2018, 8, 213-219.	5.0	4
26	Study on actuating voltage and switching time of a MOEMS optical switch. Optics and Laser Technology, 2005, 37, 601-607.	4.6	3
27	Enhanced multiferroic properties of Bi0.85Nd0.15FeO3 ceramics with excess Bi2O3. Journal of Alloys and Compounds, 2019, 791, 200-207.	5.5	3
28	Two kinds of tension in fiber Bragg gratings with cladding etched as the sinusoidal function. Optoelectronics Letters, 2010, 6, 48-50.	0.8	2
29	Optimization of top coupling grating for very long wavelength QWIP based on surface plasmon. Photonic Sensors, 2017, 7, 278-282.	5.0	2
30	Photovoltaic effect of ITO/Bi_{3.15}Nd_{0.85}Ti₃O₁₂/Pt heterojunction structure. Ferroelectrics, 2019, 553, 36-42.	0.6	2
31	Strong sulfur passivation effects on the gas sensitivity of an In0.3Ga0.7As surface quantum dots coupling structure. Journal of Crystal Growth, 2021, 560-561, 126058.	1.5	2
32	Squeeze film damping effect on switching time of a MOEMS optical switch. Optik, 2004, 115, 380-384.	2.9	1
33	Decoupling Control Based on Dynamic Surface Control for MIMO Nonlinear Systems. , 2011, , .		1
34	Axial strain sensitivity analysis of long period fiber grating by new transfer matrix method. Frontiers of Optoelectronics in China, 2011, 4, 430-433.	0.2	1
35	Refractive index sensitivity analysis of long period fiber grating by new transfer matrix method. Optik, 2013, 124, 1767-1769.	2.9	1
36	Enhanced the optical transmission efficiency by funnel-shaped nanopore. , 2016, , .		1

#	Article	IF	Citations
37	Near-ultraviolet chip-based phosphor-converted solar-spectrum white light-emitting diode. Optical Engineering, 2020, 59, 1.	1.0	1
38	Study of dynamic response on a MOEMS 2x2 optical switch. , 2005, 5625, 386.		0
39	Design of chirped fiber Bragg grating with ideal box spectra and smoothly time delay. , 2010, , .		0
40	Indirect Adaptive Dynamic Surface Control. Lecture Notes in Electrical Engineering, 2012, , 43-49.	0.4	0
41	Photoluminescence study of the In0.3Ga0.7As surface quantum dots coupling structure. Optoelectronics Letters, 2021, 17, 302-307.	0.8	0
42	Sensor Sensitivity Analysis of Long Period Fiber Grating by New Transfer Matrix Method. Lecture Notes in Electrical Engineering, 2012, , 503-509.	0.4	0
43	Temperature Sensitivity Analysis of LPFG by New Transfer Matrix Method. Lecture Notes in Electrical Engineering, 2012, , 1207-1213.	0.4	0