

Chen Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

191
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fast Autonomous Healing Magnetic Elastomer for Instantly Recoverable, Modularly Programmable, and Thermorecyclable Soft Robots. <i>Advanced Functional Materials</i> , 2021, 31, 2101825.	14.9	56
2	Characterization and genome analysis of a butanol- α -isopropanol-producing <i>Clostridium beijerinckii</i> strain BGS1. <i>Biotechnology for Biofuels</i> , 2018, 11, 280.	6.2	33
3	Dependence of the Thermal Conductivity of BiFeO_3 Thin Films on Polarization and Structure. <i>Physical Review Applied</i> , 2017, 8, .	3.8	31
4	Robust Multivariate Control Chart Based on Goodness-of-Fit Test. <i>Journal of Quality Technology</i> , 2016, 48, 139-161.	2.5	16
5	Large-area zinc oxide nanorod arrays templated by nanoimprint lithography: control of morphologies and optical properties. <i>Nanotechnology</i> , 2016, 27, 485604.	2.6	12
6	State space modeling of autocorrelated multivariate Poisson counts. <i>IIE Transactions</i> , 2017, 49, 518-531.	2.4	12
7	Combinatorial Pulsed Laser Deposition of Magnetic and Magneto-optical $\text{Sr}(\text{Ga}_{1-x}\text{Ti}_x\text{Fe}_{0.34-0.40})\text{O}_{3-\delta}$ Perovskite Films. <i>ACS Combinatorial Science</i> , 2014, 16, 640-646.	3.8	9
8	Magnetic and Photoluminescent Coupling in $\text{SrTi}_{0.87}\text{Fe}_{0.13}\text{O}_{3-\delta}/\text{ZnO}$ Vertical Nanocomposite Films. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32359-32368.	8.0	5
9	Thermal conductivity in self-assembled $\text{CoFe}_2\text{O}_4/\text{BiFeO}_3$ vertical nanocomposite films. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	5
10	Modeling tunnel profile in the presence of coordinate errors: A Gaussian process-based approach. <i>IIE Transactions</i> , 2017, 49, 1065-1077.	2.4	4
11	Phase shifter based on voltage-controlled magnetic domain walls. <i>AIP Advances</i> , 2021, 11, 075225.	1.3	3
12	Spectral network approach for multi-channel profile data analysis with applications in advanced manufacturing. , 2017, , .		2
13	Diode-pumped actively Q-switched intracavity BaWO_4 ; Raman laser with a ceramic $\text{Nd}:\text{YAG}$ as the gain medium. , 2009, , .		1
14	Photoluminescence: Ultrafast and Robust UV Luminescence from Cu-Doped ZnO Nanowires Mediated by Plasmonic Hot Electrons (<i>Advanced Optical Materials</i> 6/2016). <i>Advanced Optical Materials</i> , 2016, 4, 959-959.	7.3	1
15	Dynamic thermal trapping enables cross-species smart nanoparticle swarms. <i>Science Advances</i> , 2021, 7, .	10.3	1
16	Measuring the weak coherent backscattering with CCD. , 2009, , .		0
17	Robust on-line monitoring for univariate processes based on two sample goodness-of-fit test. , 2014, , .		0
18	Statistical monitoring of longitudinal categorical survey data. , 2015, , .		0