

# Chen Zhang

## List of Publications by Year in descending order

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18  
papers

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1307594

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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	Phase shifter based on voltage-controlled magnetic domain walls. <i>AIP Advances</i> , 2021, 11, 075225.	1.3	3
3	Dynamic thermal trapping enables cross-species smart nanoparticle swarms. <i>Science Advances</i> , 2021, 7, .	10.3	1
4	Thermal conductivity in self-assembled CoFe <sub>2</sub> O <sub>4</sub> /BiFeO <sub>3</sub> vertical nanocomposite films. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	5
5	Characterization and genome analysis of a butanol- and isopropanol-producing <i>Clostridium beijerinckii</i> strain BGS1. <i>Biotechnology for Biofuels</i> , 2018, 11, 280.	6.2	33
6	Magnetic and Photoluminescent Coupling in SrTi <sub>0.87</sub> Fe <sub>0.13</sub> O <sub>3</sub> /ZnO Vertical Nanocomposite Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 32359-32368.	8.0	5
7	Modeling tunnel profile in the presence of coordinate errors: A Gaussian process-based approach. <i>IIEE Transactions</i> , 2017, 49, 1065-1077.	2.4	4
8	Dependence of the Thermal Conductivity of $\text{BiFeO}_3$ Thin Films on Polarization and Structure. <i>Physical Review Applied</i> , 2017, 8, .	3.8	31
9	State space modeling of autocorrelated multivariate Poisson counts. <i>IIEE Transactions</i> , 2017, 49, 518-531.	2.4	12
10	Spectral network approach for multi-channel profile data analysis with applications in advanced manufacturing. , 2017, , .		2
11	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
12	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
13	Robust Multivariate Control Chart Based on Goodness-of-Fit Test. <i>Journal of Quality Technology</i> , 2016, 48, 139-161.	2.5	16
14	Statistical monitoring of longitudinal categorical survey data. , 2015, , .		0
15	Robust on-line monitoring for univariate processes based on two sample goodness-of-fit test. , 2014, , .		0
16	Combinatorial Pulsed Laser Deposition of Magnetic and Magneto-optical Sr(Ga <sub>x</sub> Ti <sub>y</sub> Fe <sub>0.34-0.40</sub> )O <sub>3</sub> Perovskite Films. <i>ACS Combinatorial Science</i> , 2014, 16, 640-646.	3.8	9
17	Diode-pumped actively Q-switched intracavity BaWO <sub>4</sub> Raman laser with a ceramic Nd:YAG as the gain medium. , 2009, , .		1
18	Measuring the weak coherent backscattering with CCD. , 2009, , .		0