Guanghui Zhao

List of Publications by Year
in descending order

18 papers	344 citations	1305906 8 h-index	1336881 12 g-index
18 all docs	18 docs citations	18 times ranked	341 citing authors

#	Article	IF	Citations
1	Significantly enhancing the dielectric constant and breakdown strength of linear dielectric polymers by utilizing ultralow loadings of nanofillers. Journal of Materials Chemistry A, 2021, 9, 23028-23036.	5.2	54
2	Accelerated search for ABO3-type the electronic contribution of polycrystalline dielectric constants by machine learning. Computational Materials Science, 2021, 193, 110404.	1.4	8
3	Significant Improvements in Dielectric Constant and Energy Density of Ferroelectric Polymer Nanocomposites Enabled by Ultralow Contents of Nanofillers. Advanced Materials, 2021, 33, e2102392.	11.1	102
4	Polymer dielectrics exhibiting an anomalously improved dielectric constant simultaneously achieved high energy density and efficiency enabled by $CdSe/Cd_{1-x}Zn_xS$ quantum dots. Journal of Materials Chemistry A, 2020, 8, 13659-13670.	5.2	25
5	A progressive learning method for predicting the band gap of ABO_3 perovskites using an instrumental variable. Journal of Materials Chemistry C, 2020, 8, 3127-3136.	2.7	23
6	Face template protection using deep LDPC codes learning. IET Biometrics, 2019, 8, 190-197.	1.6	19
7	Understanding Interfacial Mechanics and Mechanisms of Exfoliation and Stabilization of Graphene Using Urea/Glycerol Solvents. Advanced Theory and Simulations, 2019, 2, 1900155.	1.3	5
8	Exploration of teaching method of Python Programming based on the case of technical problem. , 2017, , .		1
9	Real-Time Traffic Sign Classification Using Combined Convolutional Neural Networks. , 2017, , .		6
10	Synthesis and characterization of layered perovskite-type organic-inorganic hybrids (R-NH3)2(CH3NH3)Pb2I7. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 957-961.	0.4	2
11	The structural significance of the interlayer distances of the layered hybrids (CnH2n+1NH3)2MCl4. Journal of Physics and Chemistry of Solids, 2012, 73, 688-695.	1.9	25
12	Adaptive Background Updating Algorithm in Complex Scene. , 2009, , .		1
13	First-principles study of the difference in permittivity between Ba(Mg1 / 3Ta2 / 3)O3 and Ba(Mg1 / 3Nb2 /) Tj ETQq1 1 0.784314 rgBT	0.9	16
14	Research and Implementation of Data Transfer in Grid. , 2009, , .		0
15	Numerical Parallel Processing Based on GPU with CUDA Architecture. , 2009, , .		8
16	Software Architecture Design and Implementation of Document Filter System. , 2009, , .		0
17	Sandwich magnetoelectric composites of polyvinylidene fluoride, Tb-Dy-Fe alloy, and lead zirconate titanate. Journal Wuhan University of Technology, Materials Science Edition, 2007, 22, 596-599.	0.4	3
18	Polyvinyl-butyral/lead zirconate titanates composites with high dielectric constant and low dielectric loss. Scripta Materialia, 2006, 55, 835-837.	2.6	46