

Shujie You

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,598
citations

411340

20
h-index

340414

39
g-index

50
all docs

50
docs citations

50
times ranked

2689
citing authors

#	ARTICLE	IF	CITATIONS
1	N-Doped Carbon Dot Hydrogels from Brewing Waste for Photocatalytic Wastewater Treatment. ACS Omega, 2022, 7, 4052-4061.	1.6	22
2	Decorating vertically aligned MoS ₂ nanoflakes with silver nanoparticles for inducing a bifunctional electrocatalyst towards oxygen evolution and oxygen reduction reaction. Nano Energy, 2021, 81, 105664.	8.2	46
3	Gram-scale synthesis of carbon quantum dots with a large Stokes shift for the fabrication of eco-friendly and high-efficiency luminescent solar concentrators. Energy and Environmental Science, 2021, 14, 396-406.	15.6	174
4	Ceria doping boosts methylene blue photodegradation in titania nanostructures. Materials Chemistry Frontiers, 2021, 5, 4138-4152.	3.2	23
5	Optical field coupling in ZnO nanorods decorated with silver plasmonic nanoparticles. Journal of Materials Chemistry C, 2021, 9, 15452-15462.	2.7	7
6	Biobased Carbon Dots: From Fish Scales to Photocatalysis. Nanomaterials, 2021, 11, 524.	1.9	25
7	Self-decoration of Barium Titanate with Rhodium-NP via a facile co-precipitation route for NO sensing in hot gas environment. Sensors and Actuators B: Chemical, 2021, 338, 129848.	4.0	11
8	Vertically aligned Co ₃ O ₄ nanorods as a platform for inverted Al ₂ O ₃ /oxide heterojunctions. Nano Select, 2021, 2, 967-978.	1.9	3
9	Luminescent Cu(I) complex with bis(indazol-1-yl)phenylmethane as chelating ligand. Inorganic Chemistry Communication, 2020, 116, 107894.	1.8	8
10	Tuning ZnO nanorods photoluminescence through atmospheric plasma treatments. APL Materials, 2019, 7, .	2.2	20
11	Self-Powered Photodetectors Based on Core-Shell ZnO-Co ₃ O ₄ Nanowire Heterojunctions. ACS Applied Materials & Interfaces, 2019, 11, 23454-23462.	4.0	71
12	Ag ₂ S/MoS ₂ Nanocomposites Anchored on Reduced Graphene Oxide: Fast Interfacial Charge Transfer for Hydrogen Evolution Reaction. ACS Applied Materials & Interfaces, 2019, 11, 22380-22389.	4.0	55
13	Electronically-Coupled Phase Boundaries in Î±-Fe ₂ O ₃ /Fe ₃ O ₄ Nanocomposite Photoanodes for Enhanced Water Oxidation. ACS Applied Nano Materials, 2019, 2, 334-342.	2.4	32
14	Impact of Oxalate Ligand in Co-Precipitation Route on Morphological Properties and Phase Constitution of Undoped and Rh-Doped BaTiO ₃ Nanoparticles. Nanomaterials, 2019, 9, 1697.	1.9	8
15	Plasma assisted vapor solid deposition of Co ₃ O ₄ tapered nanorods for energy applications. Journal of Materials Chemistry A, 2019, 7, 26302-26310.	5.2	5
16	Influence of oriented CNT forest on thermoelectric properties of polymer-based materials. Journal of Alloys and Compounds, 2018, 741, 392-397.	2.8	27
17	Thermoelectrics: Flexible Thermoelectric Polymer Composites Based on a Carbon Nanotubes Forest (Adv. Funct. Mater. 40/2018). Advanced Functional Materials, 2018, 28, 1870285.	7.8	3
18	ZnO-Cu ₂ O core-shell nanowires as stable and fast response photodetectors. Nano Energy, 2018, 51, 308-316.	8.2	94

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19	Flexible Thermoelectric Polymer Composites Based on a Carbon Nanotubes Forest. <i>Advanced Functional Materials</i> , 2018, 28, 1801246.	7.8	37
20	Ag nanoaggregates as efficient broadband sensitizers for Tb ³⁺ ions in silica-zirconia ion-exchanged sol-gel glasses and glass-ceramics. <i>Optical Materials</i> , 2018, 84, 668-674.	1.7	14
21	Graphite oxide swelling in molten sugar alcohols and their aqueous solutions. <i>Carbon</i> , 2018, 140, 157-163.	5.4	15
22	The structure of graphene oxide membranes in liquid water, ethanol and water-ethanol mixtures. <i>Nanoscale</i> , 2014, 6, 272-281.	2.8	180
23	Effect of synthesis method on solvation and exfoliation of graphite oxide. <i>Carbon</i> , 2013, 52, 171-180.	5.4	148
24	Enormous Lattice Expansion of Hummers Graphite Oxide in Alcohols at Low Temperatures. <i>ACS Nano</i> , 2013, 7, 1395-1399.	7.3	66
25	Selective Intercalation of Graphite Oxide by Methanol in Water/Methanol Mixtures. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1963-1968.	1.5	51
26	Pressure-Induced Water Insertion in Synthetic Clays. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3891-3895.	7.2	23
27	Solvation of graphite oxide in water-methanol binary polar solvents. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 2568-2571.	0.7	15
28	Phase Transitions in Graphite Oxide Solvates at Temperatures Near Ambient. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 812-817.	2.1	56
29	High-Pressure Synthesized Nanostructural MgB_2 Materials With High Performance of Superconductivity, Suitable for Fault Current Limitation and Other Applications. <i>IEEE Transactions on Applied Superconductivity</i> , 2011, 21, 2694-2697.	1.1	6
30	Probing structural stability of double-walled carbon nanotubes at high non-hydrostatic pressure by Raman spectroscopy. <i>High Pressure Research</i> , 2011, 31, 186-190.	0.4	17
31	Effects of High Pressure on the Physical Properties of MgB ₂ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 137-150.	0.8	8
32	ELECTRONIC AND MAGNETIC STRUCTURE OF THE HIGH PRESSURE PHASE OF Li_2CuO_2 . <i>International Journal of Modern Physics B</i> , 2011, 25, 3409-3414.	1.0	4
33	Structural stability and Raman scattering of InN nanowires under high pressure. <i>Journal of Materials Research</i> , 2010, 25, 2330-2335.	1.2	14
34	Structural stability of Zn ₃ N ₂ under high pressure. <i>Physica B: Condensed Matter</i> , 2010, 405, 1836-1838.	1.3	15
35	Structural modulation and magnetic properties of hexagonal Ba(Ti _{1-x} Fe _x)O ₃ ceramics. <i>Physica B: Condensed Matter</i> , 2010, 405, 4851-4854.	1.3	6
36	Structural phase transition of Cu ₃ N under high pressure. <i>Solid State Communications</i> , 2010, 150, 1521-1524.	0.9	22

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37	<i>In situ</i> electrical conductivity and Raman study of C ₆₀ tetragonal polymer at high pressures up to 30 GPa. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 3068-3071.	0.7	6
38	Phase transition of Zn ₂ SnO ₄ nanowires under high pressure. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	34
39	High pressure induced coordination evolution in chain compound Li ₂ CuO ₂ . <i>Journal of Solid State Chemistry</i> , 2009, 182, 3085-3090.	1.4	6
40	Structural stability and Raman scattering of ZnSe nanoribbons under high pressure. <i>Journal of Alloys and Compounds</i> , 2009, 480, 798-801.	2.8	26
41	Hydrostaticity of Pressure Media in Diamond Anvil Cells. <i>Chinese Physics Letters</i> , 2009, 26, 096202.	1.3	22
42	Structural stability of multiferroics BiMnO ₃ under high pressure. <i>Journal of Electroceramics</i> , 2008, 21, 863-866.	0.8	8
43	Structural Stability of CaCuMn ₆ O ₁₂ under High Pressure and Low Temperature. <i>Chinese Physics Letters</i> , 2007, 24, 536-538.	1.3	92
44	Crystal structural phase transition in CaCrO ₄ under high pressure. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 2421-2428.	0.7	20
45	Pressure-Induced Phase Transition in BaTiO ₃ Nanocrystals. <i>Chinese Physics Letters</i> , 2006, 23, 1249-1252.	1.3	6
46	Pressure-induced metallization and structural evolution of Cu ₃ N. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 573-578.	0.7	14
47	Isostructural Phase Transition of TiN under High Pressure. <i>Chinese Physics Letters</i> , 2005, 22, 1199-1201.	1.3	20
48	Spark Plasma Synthesis and Sintering of Superconducting MgB ₂ -Based Materials. <i>Materials Science Forum</i> , 0, 721, 3-8.	0.3	9