

Guifeng Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cobalt Supported on BN Catalyst with High BO Defects and Its Efficient Hydrodeoxygenation Performance of HMF to DMF**. <i>ChemistrySelect</i> , 2022, 7, .	1.5	7
2	Anisotropic porous designed polymer coatings for high-performance passive all-day radiative cooling. <i>IScience</i> , 2022, 25, 104126.	4.1	12
3	Cu-related defects and optical properties in copper In selenide quantum dots by a green synthesis. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	2
4	Synthesis of Weyl Semi-Metal $\text{Co}_3\text{Sn}_2\text{S}_2$ by Hydrothermal Method and Its Physical Properties. <i>Metals</i> , 2022, 12, 830.	2.3	0
5	Pentagonal B_2C monolayer with extremely high theoretical capacity for Li-/Na-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 6278-6285.	2.8	30
6	Investigations of the photoelectrochemical properties of different contents In of $\text{In}_x\text{Ga}_{1-x}\text{N}$ in CO_2 reduction. <i>Research on Chemical Intermediates</i> , 2021, 47, 4825-4835.	2.7	3
7	Improved photocatalytic activity and stability of InGaN quantum dots/ C_3N_4 heterojunction photoelectrode for CO_2 reduction and hydrogen production. <i>Nanotechnology</i> , 2021, 32, 505705.	2.6	1
8	Influence of nitrogen flow ratio on properties of c-axis oriented AlN films grown by RF magnetron sputtering. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	5
9	Prediction of two-dimensional CP_3 as a promising electrode material with a record-high capacity for Na ions. <i>Nanoscale Advances</i> , 2020, 2, 5271-5279.	4.6	12
10	A green synthesis of ClSe nanocrystal ink and preparation of quantum dot sensitized solar cells. <i>Functional Materials Letters</i> , 2020, 13, 2050028.	1.2	3
11	Improved ability of artificial photosynthesis by using $\text{InGaN}/\text{AlGaIn}/\text{GaIn}$ electrode. <i>Applied Physics Express</i> , 2019, 12, 111003.	2.4	3
12	$\text{CuZnSn}(\text{SxSe}_{1-x})_4$ Solar Cell Prepared by the Sol-Gel Method Following a Modified Three-Step Selenization Process. <i>Crystals</i> , 2019, 9, 474.	2.2	2
13	Centrosymmetric Li_2NaN : a superior topological electronic material with critical-type triply degenerate nodal points. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1316-1320.	5.5	63
14	Phase Transition-Promoted Hydrogen Evolution Performance of MoS_2/VO_2 Hybrids. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2618-2623.	3.1	20
15	Two-Dimensional GaIn : An Excellent Electrode Material Providing Fast Ion Diffusion and High Storage Capacity for Li-Ion and Na-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38978-38984.	8.0	97
16	Electric field tunable half-metallic characteristic at $\text{Fe}_3\text{O}_4/\text{BaTiO}_3$ interfaces. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 4330-4336.	2.8	4
17	Geometric distortion and spin-dependent electronic structure of C_6H_6 -adsorbed $\text{Fe}_3\text{O}_4(001)$: A first-principles study. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	10
18	Competitive Growth Mechanism of WS_2/MoS_2 Vertical Heterostructures at High Temperature. <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1700219.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Prediction of the electronic structure of single-walled black phosphorus nanotubes. Physical Chemistry Chemical Physics, 2016, 18, 15177-15181.	2.8	11
20	Defect assisted coupling of a MoS ₂ /TiO ₂ interface and tuning of its electronic structure. Nanotechnology, 2016, 27, 355203.	2.6	24
21	Annealing induced amorphous/crystalline silicon interface passivation by hydrogen atom diffusion. Journal of Materials Science: Materials in Electronics, 2016, 27, 705-710.	2.2	5
22	Study on the temperature dependence of the OH ⁻ absorption band in Hf-doped LiNbO ₃ crystals. Journal of Materials Science, 2014, 49, 3775-3779.	3.7	2
23	Magnetic and electronic properties of Cu ^{1-x} Fe _x O from first principles calculations. RSC Advances, 2013, 3, 4447.	3.6	3
24	Magnetic and electronic properties of Fe ₃ O ₄ /graphene heterostructures: First principles perspective. Journal of Applied Physics, 2013, 113, .	2.5	6
25	Photorefractive Properties Varied With Li Composition in $\text{LiNbO}_3\text{:Fe}$ Crystals. IEEE Photonics Journal, 2012, 4, 1892-1899.	2.0	3
26	Suppression of the photoinduced light scattering in LiNbO ₃ :Fe by redox treatment and incoherent homogeneous illumination. Applied Physics A: Materials Science and Processing, 2012, 108, 615-620.	2.3	5
27	Neutron irradiation defects in Czochralski silicon. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 669-676.	0.8	1
28	Investigation of irradiation donors in electron irradiated CZ-Si. , 2006, , .		1
29	Structure and Optical Properties of AlN Crystals Grown by Metal Nitride Vapor Phase Epitaxy with Different V/III Ratios. ACS Omega, 0, , .	3.5	8