

Dong Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8673290/publications.pdf>

Version: 2024-02-01

27
papers

590
citations

759233

12
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1110
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise control over shape and size of iron oxide nanocrystals suitable for assembly into ordered particle arrays. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 055010.	6.1	90
2	Hexagonal mesocrystals formed by ultra-thin tungsten oxide nanowires and their electrochemical behaviour. <i>Chemical Communications</i> , 2010, 46, 7718.	4.1	65
3	Controlled synthesis of defect-rich ultrathin two-dimensional WO ₃ nanosheets for NO ₂ gas detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 828-834.	7.8	61
4	High-performance gas sensing achieved by mesoporous tungsten oxide mesocrystals with increased oxygen vacancies. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8653.	10.3	60
5	Hollow cubic ZnSnO ₃ with abundant oxygen vacancies for H ₂ S gas sensing. <i>Journal of Hazardous Materials</i> , 2020, 391, 122226.	12.4	44
6	Hydrothermal Synthesis of a CaNb ₂ O ₆ Hierarchical Micro/Nanostructure and Its Enhanced Photocatalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1275-1282.	2.0	37
7	Helical bowl-like SnS ₂ with structure-induced conversion efficiency for enhanced photothermal therapy. <i>Chemical Engineering Journal</i> , 2020, 400, 125814.	12.7	33
8	Spray-Coated Commercial PTFE Membrane from MoS ₂ /LaF ₃ /PDMS Ink as Solar Absorber for Efficient Solar Steam Generation. <i>Solar Rrl</i> , 2020, 4, 2000126.	5.8	31
9	Room temperature elemental mercury sensor using MoS ₂ -PANI nano-sheet-flowers composite. <i>Analytical Methods</i> , 2013, 5, 6576.	2.7	28
10	Ag functionalized SnS ₂ with enhanced photothermal activity for safe and efficient wound disinfection. <i>Biomaterials Science</i> , 2021, 9, 4728-4736.	5.4	18
11	Hydrothermal synthesis and characterization of rare-earth ruthenate pyrochlore compounds R ₂ Ru ₂ O ₇ (R = Pr ³⁺ , Sm ³⁺ -Ho ³⁺). <i>Science China Chemistry</i> , 2011, 54, 941-946.	8.2	14
12	Probing planar defects in nanoparticle superlattices by 3D small-angle electron diffraction tomography and real space imaging. <i>Nanoscale</i> , 2014, 6, 13803-13808.	5.6	12
13	Facile synthesis of CuO@Co ₃ O ₄ prickly-sphere-like composite for non-enzymatic glucose sensors. <i>Rare Metals</i> , 2022, 41, 1911-1920.	7.1	12
14	Controlled Crystallization of Sodium Chloride Nanocrystals in Microdroplets Produced by Electrospray from an Ultra-Dilute Solution. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1860-1865.	2.0	11
15	Preparation and magnetic properties of Fe ³⁺ -Nb ⁵⁺ co-doped SnO ₂ . <i>Journal of Solid State Chemistry</i> , 2008, 181, 217-220.	2.9	8
16	The direct synthesis of Au nanocrystals in microdroplets using the spray-assisted method. <i>New Journal of Chemistry</i> , 2016, 40, 7294-7298.	2.8	8
17	Electric-field-induced assembly of Ag nanoparticles on a CuO nanowire using ambient electrospray ionization. <i>New Journal of Chemistry</i> , 2017, 41, 2878-2882.	2.8	8
18	Facile Synthesis of CoFe ₂ O ₄ -CoFe _x /C Nanofibers Electrocatalyst for the Oxygen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , 2019, 166, H412-H417.	2.9	8

#	ARTICLE	IF	CITATIONS
19	Direct Electrochemistry of Eugenol at a Glassy Carbon Electrode Modified with Electrochemically Reduced Graphene Oxide. <i>International Journal of Electrochemical Science</i> , 2019, 14, 3618-3627.	1.3	8
20	Role of A (A = Ca, Mg, Sr) over Hexaaluminates La _{0.8} A _{0.2} NiAl ₁₁ O ₁₉ for Carbon Dioxide Reforming of Methane. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 10955-10961.	3.7	7
21	Carbon electrode modified by KOH solution to improve performance of capacitive desalination. <i>Desalination and Water Treatment</i> , 2016, 57, 17731-17737.	1.0	7
22	Preparation of sulfur-doped PANI/TiO ₂ nanowires and its sensing properties to mercury. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 581-584.	2.6	5
23	Facile synthesis of urchin-like LaWO ₄ Cl assemblies and their near-infrared photothermal conversion. <i>Nanoscale</i> , 2019, 11, 14237-14241.	5.6	5
24	Zirconium-substituted Hexaaluminates La _{0.8} Zr _x NiAl ₁₁ O ₁₉ for Carbon Dioxide Reforming of Methane. <i>Chemistry Letters</i> , 2010, 39, 692-694.	1.3	4
25	Direct Fabrication of Reduced Graphene Oxide@SnO ₂ Hollow Nanofibers by Single-Capillary Electrospinning as Fast NO ₂ Gas Sensor. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-7.	2.7	3
26	Detection of elemental mercury in flue-gas by a chemiresistive SnS@SnO ₂ composite sensor. <i>Sensors and Actuators B: Chemical</i> , 2020, 318, 128290.	7.8	3
27	The development of AgCl-H ₂ Ti ₂ O ₅ nanowires composite as a room temperature sensor for the detection of element mercury. <i>International Journal of Sensor Networks</i> , 2015, 17, 238.	0.4	0