Dingfeng Yang

List of Publications by Year
in descending order

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Version: 2024-02-01

19	340	1040056	839539
papers	citations	9	18
		h-index	g-index

19	19	19	540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Photogenerated Hole Oxidation Capability of Li2SnO3 by Sb Incorporation in Photocatalysis Through Band Structure Modification. Catalysis Letters, 2023, 153, 1109-1119.	2.6	1
2	Theoretical prediction of layered boron-rich ZnB12O14(OH)10 with higher carrier separation and strong oxidation potential for photocatalysis. Journal of Physics and Chemistry of Solids, 2022, 161, 110431.	4.0	3
3	The facet-regulated oxidative dehydrogenation of lactic acid to pyruvic acid on Î±-Fe₂O₃. Green Chemistry, 2021, 23, 328-332.	9.0	18
4	Thermoelectric CoGeTe with an Orthorhombic Crystal Symmetry and Balance of the Electrical and Thermal Properties. Inorganic Chemistry, 2021, 60, 12331-12338.	4.0	1
5	First principles investigation of elastic and thermodynamic properties of CoSbS thermoelectric material. Journal of Solid State Chemistry, 2021, 302, 122443.	2.9	6
6	Lattice Thermal Transport in the Homogeneous Cageâ€Like Compounds Cu₃VSe₄ and Cu₃NbSe₄: Interplay between Phononâ€Phase Space, Anharmonicity, and Atomic Mass. ChemPhysChem, 2021, 22, 2579-2584.	2.1	3
7	In Situ Construction of a MgSn(OH)6 Perovskite/SnO2 Type-II Heterojunction: A Highly Efficient Photocatalyst towards Photodegradation of Tetracycline. Nanomaterials, 2020, 10, 53.	4.1	10
8	Zn₄B₆O₁₃: Efficient Borate Photocatalyst with Fast Carrier Separation for Photodegradation of Tetracycline. Inorganic Chemistry, 2020, 59, 13136-13143.	4.0	29
9	Novel P-n Li2SnO3/g-C3N4 Heterojunction With Enhanced Visible Light Photocatalytic Efficiency Toward Rhodamine B Degradation. Frontiers in Chemistry, 2020, 8, 75.	3.6	17
10	2D/2D pâ€n Heterojunctions of CaSb₂O₆/gâ€C₃N₄ for Visible Lightâ€Driven Photocatalytic Degradation of Tetracycline. European Journal of Inorganic Chemistry, 2020, 2020, 3852-3858.	2.0	12
11	High-Efficiency Visible Light Responsive Sulfide KSb5S8 Photocatalyst with a Layered Crystal Structure. Catalysts, 2019, 9, 529.	3.5	4
12	Regular Double-Cube [Cr₇S₈]⁵⁺ in [Cr₇S₈(SCN)₄(NH₃)₁₄](HS): An Ideal Model Compound for Investigation of Geometrical Magnetic Frustration. Crystal Growth and Design, 2019, 19, 6028-6032.	3.0	2
13	Novel High Efficiency Layered Oxide Photocatalyst Li2SnO3 for Rhodamine B and Tetracycline Degradation. Catalysts, 2019, 9, 712.	3.5	11
14	Natural sulvanite Cu3MX4 (Mâ€¯=â€¯Nb, Ta; Xâ€¯=â€¯S, Se): Promising visible-light photocatalysts for water splitting. Computational Materials Science, 2019, 165, 137-143.	3.0	9
15	Rapid fabrication of SnO₂ nanoparticle photocatalyst: computational understanding and photocatalytic degradation of organic dye. Inorganic Chemistry Frontiers, 2018, 5, 3005-3014.	6.0	85
16	Intrinsically low thermal conductivity from a quasi-one-dimensional crystal structure and enhanced electrical conductivity network via Pb doping in SbCrSe3. NPG Asia Materials, 2017, 9, e387-e387.	7.9	37
17	Large-Scale Colloidal Synthesis of Co-doped Cu2SnSe3 Nanocrystals for Thermoelectric Applications. Journal of Electronic Materials, 2016, 45, 1935-1941.	2.2	14
18	Cr₂Ge₂Te₆: High Thermoelectric Performance from Layered Structure with High Symmetry. Chemistry of Materials, 2016, 28, 1611-1615.	6.7	78

#	Article	IF	Citations
19	Synergistically Photo-Thermo-Catalytic Effect of Metal-Oxide Semiconductors with d10 Electronic Configuration for Hydrogen Generation in NaBH4 Hydrolyzation. Catalysis Letters, 0, , 1.	2.6	0