

Xin Shao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hierarchical Fe-Mn binary metal oxide core-shell nano-polyhedron as a bifunctional electrocatalyst for efficient water splitting. Dalton Transactions, 2021, 50, 17265-17274.	3.3	7
2	The Synthesis and Tribological Properties of Carbonized Polydopamine/Ag Composite Films. Journal of Materials Engineering and Performance, 2019, 28, 7213-7226.	2.5	7
3	2D Schottky Junction between Graphene Oxide and Transition-Metal Dichalcogenides: Photoresponsive Properties and Electrocatalytic Performance. Advanced Materials Interfaces, 2019, 6, 1801657.	3.7	13
4	Facial synthesis of a novel $\text{Ag}_4\text{V}_2\text{O}_7/\text{g-C}_3\text{N}_4$ heterostructure with highly efficient photoactivity. Journal of the American Ceramic Society, 2019, 102, 3897-3907.	3.8	20
5	One-pot combustion synthesis and efficient broad spectrum photoactivity of Bi/Bi ₂ O ₃ :Yb,Er/C photocatalyst. Journal of the American Ceramic Society, 2018, 101, 3424-3436.	3.8	74
6	Preparation and electrical properties of sintered copper powder compacts modified by polydopamine-derived carbon nanofilms. Journal of Materials Science, 2018, 53, 6562-6573.	3.7	16
7	Band-Gap Tuning of Organic-Inorganic Hybrid Palladium Perovskite Materials for a Near-Infrared Optoelectronics Response. ACS Omega, 2018, 3, 13960-13966.	3.5	29
8	Tuning Ni-Foam into NiOOH/FeOOH Heterostructures toward Superior Water Oxidation Catalyst via Three-Step Strategy. ACS Omega, 2018, 3, 11009-11017.	3.5	29
9	Earth-abundant and environment friendly organic-inorganic hybrid tetrachloroferrate salt $\text{CH}_3\text{NH}_3\text{FeCl}_4$: structure, adsorption properties and photoelectric behavior. RSC Advances, 2018, 8, 19958-19963.	3.6	21
10	Effect of Carbon Supports on Pd Catalyst for Hydrogenation Debenzylation of Hexabenzylhexaazaisowurtzitane (HBIW). Journal of Energetic Materials, 2017, 35, 251-264.	2.0	15
11	The synthesis and tribological properties of Ag/polydopamine nanocomposites as additives in poly-alpha-olefin. Tribology International, 2017, 114, 282-289.	5.9	22
12	The Electrical conductivities and Tribological properties of Vacuum Hot-Pressed Cu/Reduced Graphene Oxide Composite. Journal of Materials Engineering and Performance, 2017, 26, 4434-4441.	2.5	17
13	Combustion Synthesis and Enhancement of Bi ₂ O ₃ by Doping Eu ³⁺ for Photodegradation of Organic Dye. Journal of the American Ceramic Society, 2016, 99, 881-887.	3.8	36
14	Two New Dinuclear Metal Clusters (M ₂) (M = Ni and Co) Constructed from a Rare Multidentate Ligand Involving Addition Reaction for In Situ Ligand Synthesis. Journal of Cluster Science, 2016, 27, 1945-1952.	3.3	4
15	Structure Modulation in Four New Coordination Polymers by In Situ Ligands Synthesis of Anthracene Derivatives and Various Auxiliary N-donor Ligands. Journal of Cluster Science, 2016, 27, 1293-1306.	3.3	3
16	A New Metal-Organic Framework Constructed from Trinuclear {Cd ₃ } Clusters as Secondary Building Units. Journal of Cluster Science, 2015, 26, 1403-1411.	3.3	3
17	Synthesis, characterization and tribological properties of Cu/reduced graphene oxide composites. Tribology International, 2015, 88, 17-24.	5.9	94
18	One-step combustion synthesis of NiFe_2O_4 -reduced graphene oxide hybrid materials for photodegradation of methylene blue. Functional Materials Letters, 2014, 07, 1350065.	1.2	20

#	ARTICLE	IF	CITATIONS
19	Anodizing of etched aluminum foil coated with modified hydrous oxide film for aluminum electrolytic capacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 128-133.	2.2	23
20	Unique ZnS nanobuns decorated with reduced graphene oxide as an efficient and low-cost counter electrode for dye-sensitized solar cells. <i>Journal of Energy Chemistry</i> , 2014, 23, 559-563.	12.9	17
21	Thermal regeneration of recyclable reduced graphene oxide/Fe ₃ O ₄ composites with improved adsorption properties. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1859-1865.	3.2	28
22	Effect of chemical plating Zn on DC-etching behavior of Al foil in HCl/H ₂ SO ₄ . <i>Transactions of Nonferrous Metals Society of China</i> , 2013, 23, 3650-3657.	4.2	16
23	Synthesis, Characterization, and Tribological Behavior of Oleic Acid-Capped Calcium Borate Hydrate. <i>Tribology Transactions</i> , 2013, 56, 521-529.	2.0	9
24	Electrodeposition of Diamond-like Carbon (DLC) Films on Mg by Plasma Electrolysis. <i>Electrochemistry</i> , 2013, 81, 977-980.	1.4	5
25	Hydrothermal Synthesis and Luminescence Properties of Novel Red Y _{1-x} Eu _x W ₂ O ₆ (OH) ₃ Phosphors. <i>Journal of the American Ceramic Society</i> , 2010, 93, 2480-2483.	3.8	3
26	Tribological behavior of micrometer- and nanometer-Al ₂ O ₃ -particle-filled poly(phthalazine ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Science, 2005, 95, 993-1001.	2.6	17
27	The tribological behavior of micrometer and nanometer TiO ₂ particle-filled poly(phthalazine ether) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4 Science, 2005, 95, 993-1001.	2.6	38