

Zhanbo Sun

List of Publications by Year in descending order

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papers

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687363

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocatalytic performance for methanol oxidation on nanoporous Pd/NiO composites prepared by one-step dealloying. <i>Fuel</i> , 2016, 181, 269-276.	6.4	65
2	Baize-like CeO ₂ and NiO/CeO ₂ nanorod catalysts prepared by dealloying for CO oxidation. <i>Nanotechnology</i> , 2017, 28, 045602.	2.6	45
3	Photocatalytic hydrogen evolution of nanoporous CoFe ₂ O ₄ and NiFe ₂ O ₄ for water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 5369-5377.	7.1	36
4	Nanoporous Ag@CeO ₂ ribbons prepared by chemical dealloying and their electrocatalytic properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4974.	10.3	34
5	Nanoporous Ag prepared from the melt-spun Cu-Ag alloys. <i>Solid State Sciences</i> , 2011, 13, 1379-1384.	3.2	30
6	Novel CeO ₂ nanorod framework prepared by dealloying for supercapacitors applications. <i>Ionics</i> , 2018, 24, 2063-2072.	2.4	28
7	Nanoporous CuO ribbons modified by Au nanoparticles through chemical dealloying and calcination for CO oxidation. <i>Microporous and Mesoporous Materials</i> , 2016, 226, 61-70.	4.4	25
8	Nanoporous Pd/TiO ₂ composites prepared by one-step dealloying and their electrocatalytic performance for methanol/ethanol oxidation. <i>Materials Chemistry and Physics</i> , 2015, 161, 153-161.	4.0	23
9	Nanoporous Ag@ZrO ₂ composites prepared by chemical dealloying for borohydride electro-oxidation. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 15646-15655.	7.1	20
10	Monolithic Au/CeO ₂ nanorod framework catalyst prepared by dealloying for low-temperature CO oxidation. <i>Nanotechnology</i> , 2018, 29, 095606.	2.6	18
11	Sm ₂ O ₃ /Co ₃ O ₄ catalysts prepared by dealloying for low-temperature CO oxidation. <i>RSC Advances</i> , 2018, 8, 11289-11295.	3.6	16
12	Au/CeO ₂ nanorods modified by TiO ₂ through a combining dealloying and calcining method for low-temperature CO oxidation. <i>Applied Surface Science</i> , 2019, 484, 354-364.	6.1	16
13	Co ₃ O ₄ Nanosheet/Au Nanoparticle/CeO ₂ Nanorod Composites as Catalysts for CO Oxidation at Room Temperature. <i>ACS Applied Nano Materials</i> , 2020, 3, 12416-12426.	5.0	15
14	Novel dealloying-fabricated NiCo ₂ S ₄ nanoparticles with excellent cycling performance for supercapacitors. <i>Nanotechnology</i> , 2019, 30, 235402.	2.6	13
15	Three-dimensional architecture of Ag/CeO ₂ nanorod composites prepared by dealloying and their electrocatalytic performance. <i>RSC Advances</i> , 2017, 7, 32442-32451.	3.6	12
16	Bimetallic nanoporous Pd@Ag prepared by dealloying with polyvinylpyrrolidone and their electrocatalytic properties. <i>Nanotechnology</i> , 2018, 29, 485401.	2.6	11
17	Improving the photocatalytic performance of a sea-cucumber-like nanoporous TiO ₂ loaded with Pt Ag for water splitting. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 13040-13051.	7.1	11
18	Novel nanorod Au/Sm ₂ O ₃ catalyst synthesized by dealloying combined with calcination for low-temperature CO oxidation. <i>Journal of Alloys and Compounds</i> , 2020, 818, 152879.	5.5	9

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19	Nanoporous Pt/TiO ₂ nanocomposites with greatly enhanced photocatalytic performance. Journal of the Chinese Chemical Society, 2018, 65, 1286-1292.	1.4	8
20	Zero-thermal-hysteresis magnetocaloric effect induced by magnetic transition at a morphotropic phase boundary in Heusler Ni ₅₀ Mn ₃₆ Sb ₁₄ xIn _x alloys. Physical Chemistry Chemical Physics, 2018, 20, 18484-18490.	2.8	8
21	The Preparation and Catalytic Properties of Nanoporous Pt/CeO ₂ Composites with Nanorod Framework Structures. Nanomaterials, 2019, 9, 683.	4.1	7
22	Rod-Like Nanoporous CeO ₂ Modified by PdO Nanoparticles for CO Oxidation and Methane Combustion with High Catalytic Activity and Water Resistance. Nanoscale Research Letters, 2019, 14, 199.	5.7	6
23	Preparation of nanoporous Ag@TiO ₂ ribbons through dealloying and their electrocatalytic properties. Journal of Solid State Electrochemistry, 2015, 19, 967-974.	2.5	5
24	NANOPOROUS COPPER-SILICON COMPOSITE PREPARED BY CHEMICAL DEALLOYING AS ANODE MATERIAL FOR LITHIUM-ION BATTERIES. Functional Materials Letters, 2013, 06, 1350033.	1.2	4
25	Fabrication of Ag/La(OH) ₃ Nanorod Framework Composites Through Dealloying for CO Oxidation. Jom, 2019, 71, 522-530.	1.9	4
26	Nanoporous Oxides and Nanoporous Composites. , 2020, , .		2
27	The microstructural refinement and performance improvement of a nanoporous Ag/CeO ₂ catalyst for NaBH ₄ oxidation. Nanotechnology, 2021, 32, 205706.	2.6	2
28	Nanoporous CoFe ₂ O ₄ Loaded with Pt-Ag for Photocatalytic Hydrogen Evolution. Jom, 2021, 73, 2798-2807.	1.9	2
29	Effects of Ce Content in Precursor Alloys on Catalytic Properties of CeO ₂ Nanorods. Jom, 2020, 72, 706-710.	1.9	1
30	Porous graphene nanocages with wrinkled surfaces enhancing electrocatalytic activity of lithium/sulfuryl chloride batteries. RSC Advances, 2021, 11, 9469-9475.	3.6	1