

Junfeng Liu

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Branch-Regulated Palladium-Antimony Nanoparticles Boost Ethanol Electro-oxidation to Acetate. <i>Inorganic Chemistry</i> , 2022, 61, 6337-6346.	1.9	10
2	Pd ₂ Ga nanorods as highly active bifunctional catalysts for electrosynthesis of acetic acid coupled with hydrogen production. <i>Chemical Engineering Journal</i> , 2022, 446, 136878.	6.6	11
3	Effect of the Annealing Atmosphere on Crystal Phase and Thermoelectric Properties of Copper Sulfide. <i>ACS Nano</i> , 2021, 15, 4967-4978.	7.3	39
4	Phosphorous incorporation in Pd ₂ Sn alloys for electrocatalytic ethanol oxidation. <i>Nano Energy</i> , 2020, 77, 105116.	8.2	48
5	Stability of Pd ₃ Pb Nanocubes during Electrocatalytic Ethanol Oxidation. <i>Chemistry of Materials</i> , 2020, 32, 2044-2052.	3.2	62
6	Porous NiTiO ₃ /TiO ₂ nanostructures for photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17053-17059.	5.2	33
7	A low temperature solid state reaction to produce hollow Mn _x Fe _{3-x} O ₄ nanoparticles as anode for lithium-ion batteries. <i>Nano Energy</i> , 2019, 66, 104199.	8.2	21
8	Superior methanol electrooxidation performance of (110)-faceted nickel polyhedral nanocrystals. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22036-22043.	5.2	38
9	Chromium phosphide CrP as highly active and stable electrocatalysts for oxygen electroreduction in alkaline media. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117846.	10.8	20
10	Graphene-supported palladium phosphide PdP ₂ nanocrystals for ethanol electrooxidation. <i>Applied Catalysis B: Environmental</i> , 2019, 242, 258-266.	10.8	76
11	NiSn bimetallic nanoparticles as stable electrocatalysts for methanol oxidation reaction. <i>Applied Catalysis B: Environmental</i> , 2018, 234, 10-18.	10.8	142
12	Triphenyl Phosphite as the Phosphorus Source for the Scalable and Cost-Effective Production of Transition Metal Phosphides. <i>Chemistry of Materials</i> , 2018, 30, 1799-1807.	3.2	65
13	Colloidal Ni _x Co _x Sn nanoparticles as efficient electrocatalysts for the methanol oxidation reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22915-22924.	5.2	85
14	SnP nanocrystals as anode materials for Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10958-10966.	5.2	56
15	Colloidal Ni _x Co _x P nanocrystals for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11453-11462.	5.2	57
16	The synthesis of polyamidoamine modified gold nanoparticles/SnO ₂ /graphene sheets nanocomposite and its application in biosensor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 668-675.	2.3	13
17	Dual signal amplification strategy of Au nanoparticles/ZnO nanorods hybridized reduced graphene nanosheet and multi-enzyme functionalized Au@ZnO composites for ultrasensitive electrochemical detection of tumor biomarker. <i>Biosensors and Bioelectronics</i> , 2017, 97, 218-225.	5.3	64
18	Sensitive electrochemical immunosensor for α -fetoprotein based on graphene/SnO ₂ /Au nanocomposite. <i>Biosensors and Bioelectronics</i> , 2015, 71, 82-87.	5.3	79

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19	Colorimetric determination of neomycin using melamine modified gold nanoparticles. <i>Mikrochimica Acta</i> , 2015, 182, 1501-1507.	2.5	26
20	Sensitive colorimetric detection of melamine with 1,4-dithiothreitol modified gold nanoparticles. <i>Analytical Methods</i> , 2015, 7, 924-929.	1.3	19
21	Colorimetric and visual determination of dicyandiamide using gallic acid-capped gold nanoparticles. <i>Mikrochimica Acta</i> , 2015, 182, 435-441.	2.5	13