

# Junfeng Liu

## List of Publications by Year in descending order

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21  
papers

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citations

471371

17  
h-index

713332

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21  
all docs

21  
docs citations

21  
times ranked

1504  
citing authors

#	ARTICLE	IF	CITATIONS
1	NiSn bimetallic nanoparticles as stable electrocatalysts for methanol oxidation reaction. Applied Catalysis B: Environmental, 2018, 234, 10-18.	10.8	142
2	Colloidal Ni-Co-Sn nanoparticles as efficient electrocatalysts for the methanol oxidation reaction. Journal of Materials Chemistry A, 2018, 6, 22915-22924.	5.2	85
3	Sensitive electrochemical immunosensor for $\alpha$ -fetoprotein based on graphene/SnO <sub>2</sub> /Au nanocomposite. Biosensors and Bioelectronics, 2015, 71, 82-87.	5.3	79
4	Graphene-supported palladium phosphide PdP <sub>2</sub> nanocrystals for ethanol electrooxidation. Applied Catalysis B: Environmental, 2019, 242, 258-266.	10.8	76
5	Triphenyl Phosphite as the Phosphorus Source for the Scalable and Cost-Effective Production of Transition Metal Phosphides. Chemistry of Materials, 2018, 30, 1799-1807.	3.2	65
6	Dual signal amplification strategy of Au nanoparticles/ZnO nanorods hybridized reduced graphene nanosheet and multienzyme functionalized Au@ZnO composites for ultrasensitive electrochemical detection of tumor biomarker. Biosensors and Bioelectronics, 2017, 97, 218-225.	5.3	64
7	Stability of Pd <sub>3</sub> Pb Nanocubes during Electrocatalytic Ethanol Oxidation. Chemistry of Materials, 2020, 32, 2044-2052.	3.2	62
8	Colloidal Ni <sub>2</sub> Co <sub>x</sub> P nanocrystals for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 11453-11462.	5.2	57
9	SnP nanocrystals as anode materials for Na-ion batteries. Journal of Materials Chemistry A, 2018, 6, 10958-10966.	5.2	56
10	Phosphorous incorporation in Pd <sub>2</sub> Sn alloys for electrocatalytic ethanol oxidation. Nano Energy, 2020, 77, 105116.	8.2	48
11	Effect of the Annealing Atmosphere on Crystal Phase and Thermoelectric Properties of Copper Sulfide. ACS Nano, 2021, 15, 4967-4978.	7.3	39
12	Superior methanol electrooxidation performance of (110)-faceted nickel polyhedral nanocrystals. Journal of Materials Chemistry A, 2019, 7, 22036-22043.	5.2	38
13	Porous NiTiO <sub>3</sub> /TiO <sub>2</sub> nanostructures for photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2019, 7, 17053-17059.	5.2	33
14	Colorimetric determination of neomycin using melamine modified gold nanoparticles. Mikrochimica Acta, 2015, 182, 1501-1507.	2.5	26
15	A low temperature solid state reaction to produce hollow Mn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> nanoparticles as anode for lithium-ion batteries. Nano Energy, 2019, 66, 104199.	8.2	21
16	Chromium phosphide CrP as highly active and stable electrocatalysts for oxygen electroreduction in alkaline media. Applied Catalysis B: Environmental, 2019, 256, 117846.	10.8	20
17	Sensitive colorimetric detection of melamine with 1,4-dithiothreitol modified gold nanoparticles. Analytical Methods, 2015, 7, 924-929.	1.3	19
18	Colorimetric and visual determination of dicyandiamide using gallic acid-capped gold nanoparticles. Mikrochimica Acta, 2015, 182, 435-441.	2.5	13

#	ARTICLE	IF	CITATIONS
19	The synthesis of polyamidoamine modified gold nanoparticles/SnO <sub>2</sub> /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
20	Pd <sub>2</sub> 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
21	Branch-Regulated Palladium-Antimony Nanoparticles Boost Ethanol Electro-oxidation to Acetate. <i>Inorganic Chemistry</i> , 2022, 61, 6337-6346.	1.9	10