

Qing-Song Chen

List of Publications by Year in descending order

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33
papers

1,847
citations

304368

22
h-index

414034

32
g-index

33
all docs

33
docs citations

33
times ranked

2483
citing authors

#	ARTICLE	IF	CITATIONS
1	Helical PdPtAu nanowires bounded with high-index facets selectively switch the pathway of ethanol electrooxidation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10902-10908.	5.2	17
2	Oxygen vacancies enriched Bi based catalysts for enhancing electrocatalytic CO ₂ reduction to formate. <i>Electrochimica Acta</i> , 2021, 367, 137478.	2.6	36
3	Shape-dependent catalytic properties of electrochemically synthesized PdPt nanoparticles towards alcohols electrooxidation. <i>Journal of Electroanalytical Chemistry</i> , 2021, 896, 115189.	1.9	6
4	Enhancing Electroreduction of CO ₂ to Formate of Pd Catalysts Loaded on TiO ₂ Nanotubes Arrays by N, B Support Modification. <i>ChemistrySelect</i> , 2019, 4, 8626-8633.	0.7	6
5	Extracellular electron transfer of <i>Enterobacter cloacae</i> SgZ-5T via bi-mediators for the biorecovery of palladium as nanorods. <i>Environment International</i> , 2019, 123, 1-9.	4.8	23
6	An enhanced Nonenzymatic Electrochemical Glucose Sensor Based on Copper-Palladium Nanoparticles Modified Glassy Carbon Electrodes. <i>Electroanalysis</i> , 2018, 30, 1811-1819.	1.5	29
7	Review on the synthesis of dimethyl carbonate. <i>Catalysis Today</i> , 2018, 316, 2-12.	2.2	124
8	Screw-like PdPt nanowires as highly efficient electrocatalysts for methanol and ethylene glycol oxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2327-2336.	5.2	117
9	Active Pd complexes: enhancing catalytic activity by ligand effect for carbonylation of methyl nitrite to dimethyl carbonate. <i>Catalysis Science and Technology</i> , 2017, 7, 3785-3790.	2.1	29
10	Insight into composition evolution in the synthesis of high-performance Cu/SiO ₂ catalysts for CO ₂ hydrogenation. <i>RSC Advances</i> , 2016, 6, 25185-25190.	1.7	21
11	One-step electrochemical synthesis of preferentially oriented (111) Pd nanocrystals supported on graphene nanoplatelets for formic acid electrooxidation. <i>Journal of Power Sources</i> , 2015, 282, 471-478.	4.0	33
12	Enhanced Stability of Pd/ZnO Catalyst for CO Oxidative Coupling to Dimethyl Oxalate: Effect of Mg ²⁺ Doping. <i>ACS Catalysis</i> , 2015, 5, 4410-4417.	5.5	84
13	High-Performance and Long-Lived Cu/SiO ₂ Nanocatalyst for CO ₂ Hydrogenation. <i>ACS Catalysis</i> , 2015, 5, 4255-4259.	5.5	200
14	(Pd-CuCl ₂)/ γ -Al ₂ O ₃ : a high-performance catalyst for carbonylation of methyl nitrite to dimethyl carbonate. <i>Catalysis Science and Technology</i> , 2015, 5, 3333-3339.	2.1	24
15	Photochromism and Photomagnetism of a 3d ⁴ f Hexacyanoferrate at Room Temperature. <i>Journal of the American Chemical Society</i> , 2015, 137, 10882-10885.	6.6	135
16	Facile synthesis of ternary homogeneous ZnS _{1-x} Se _x nanosheets with tunable bandgaps. <i>CrystEngComm</i> , 2014, 16, 6823-6826.	1.3	6
17	Manipulating the concavity of rhodium nanocubes enclosed by high-index facets via site-selective etching. <i>Chemical Communications</i> , 2014, 50, 1662-1664.	2.2	44
18	MgO: an excellent catalyst support for CO oxidative coupling to dimethyl oxalate. <i>Catalysis Science and Technology</i> , 2014, 4, 1925-1930.	2.1	52

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19	An ultra-low Pd loading nanocatalyst with high activity and stability for CO oxidative coupling to dimethyl oxalate. <i>Chemical Communications</i> , 2013, 49, 5718.	2.2	54
20	Electrodeposition of nanostructured CoNi thin films and their anomalous infrared properties. <i>Electrochimica Acta</i> , 2013, 113, 694-705.	2.6	20
21	High-Performance and Long-Lived Pd Nanocatalyst Directed by Shape Effect for CO Oxidative Coupling to Dimethyl Oxalate. <i>ACS Catalysis</i> , 2013, 3, 118-122.	5.5	138
22	Role of surface defect sites: from Pt model surfaces to shape-controlled nanoparticles. <i>Chemical Science</i> , 2012, 3, 136-147.	3.7	109
23	Effects of the surface mobility on the oxidation of adsorbed CO on platinum electrodes in alkaline media. The role of the adlayer and surface defects. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 16762.	1.3	34
24	Significantly Enhancing Catalytic Activity of Tetrahedral Pt Nanocrystals by Bi Adatom Decoration. <i>Journal of the American Chemical Society</i> , 2011, 133, 12930-12933.	6.6	132
25	Kinetic study of CO oxidation on step decorated Pt(111) vicinal single crystal electrodes. <i>Electrochimica Acta</i> , 2011, 56, 5993-6000.	2.6	13
26	The potential of zero total charge of Pt nanoparticles and polycrystalline electrodes with different surface structure: The role of anion adsorption in fundamental electrocatalysis. <i>Electrochimica Acta</i> , 2010, 55, 7982-7994.	2.6	171
27	Specific reactivity of step sites towards CO adsorption and oxidation on platinum single crystals vicinal to Pt(111). <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11407.	1.3	45
28	Synthesis, Electrocatalytic and Anomalous IR Properties of Hollow CoPt Chainlike Nanomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 2392-2397.	0.9	14
29	Electrochemical preparation of iron cuboid nanoparticles and their catalytic properties for nitrite reduction. <i>Electrochimica Acta</i> , 2008, 53, 6938-6943.	2.6	31
30	CoPt nanoparticles and their catalytic properties in electrooxidation of CO and CH ₃ OH studied by in situ FTIRS. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 3645.	1.3	47
31	In situ microscope FTIR studies of methanol adsorption and oxidation on an individually addressable array of nanostructured Pt microelectrodes. <i>Electrochimica Acta</i> , 2007, 52, 5725-5732.	2.6	16
32	Electrochemical Preparation and Structural Characterization of Co Thin Films and Their Anomalous IR Properties. <i>Langmuir</i> , 2006, 22, 10575-10583.	1.6	26
33	Ce-doped Bi based catalysts for highly efficient electroreduction of CO ₂ to formate. <i>Journal of Materials Chemistry C</i> , 0, , .	2.7	11