Ping Li

List of Publications by Year
in descending order

43	2,293	147801 31	254184 43
papers	citations	h-index	g-index

44	44	44	3700
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced hydrogen evolution electrocatalysis enabled by ruthenium phosphide with tailored hydrogen binding strength via interfacial electronic interaction. Chemical Engineering Journal, 2022, 429, 132557.	12.7	26
2	Activating transition metal via synergistic anomalous phase and doping engineering towards enhanced dehydrogenation of ammonia borane. Applied Catalysis B: Environmental, 2022, 300, 120725.	20.2	26
3	Coordination environment and architecture engineering over Co4N-based nanocomposite for accelerating advanced oxidation processes. Applied Catalysis B: Environmental, 2022, 302, 120850.	20.2	24
4	Encapsulated RuP₂â€“RuS₂ nanoheterostructure with regulated interfacial charge redistribution for synergistically boosting hydrogen evolution electrocatalysis. Nanoscale, 2022, 14, 6258-6267.	5.6	10
5	Cobalt phosphide with porous multishelled hollow structure design realizing promoted ammonia borane dehydrogenation: Elucidating roles of architectural and electronic effect. Applied Catalysis B: Environmental, 2022, 313, 121444.	20.2	22
6	General approach to facile synthesis of MgO-based porous ultrathin nanosheets enabling high-efficiency CO2 capture. Chemical Engineering Journal, 2021, 404, 126459.	12.7	34
7	Defect-engineered Co3O4 with porous multishelled hollow architecture enables boosted advanced oxidation processes. Applied Catalysis B: Environmental, 2021, 298, 120596.	20.2	90
8	Architecture control and electronic structure engineering over Ni-based nitride nanocomposite for boosting ammonia borane dehydrogenation. Applied Catalysis B: Environmental, 2021, 298, 120523.	20.2	42
9	General approach to construct hierarchical-structured porous Coâ€“Ni bimetallic oxides for efficient oxygen evolution. Inorganic Chemistry Frontiers, 2020, 7, 2611-2620.	6.0	7
10	Boosting the Oxygen Evolution Electrocatalysis Performance of Iron Phosphide via Architectural Design and Electronic Modulation. ACS Sustainable Chemistry and Engineering, 2020, 8, 9206-9216.	6.7	15
11	Construction of a hierarchical-structured MgO-carbon nanocomposite from a metalâ€“organic complex for efficient CO2 capture and organic pollutant removal. Dalton Transactions, 2020, 49, 5183-5191.	3.3	18
12	Highly Conductive Bimetallic Niâ€“Fe Metal Organic Framework as a Novel Electrocatalyst for Water Oxidation. ACS Sustainable Chemistry and Engineering, 2019, 7, 9743-9749.	6.7	123
13	Efficient Oxygen Evolution Catalysis Triggered by Nickel Phosphide Nanoparticles Compositing with Reduced Graphene Oxide with Controlled Architecture. ACS Sustainable Chemistry and Engineering, 2019, 7, 9566-9573.	6.7	34
14	Preparation of a magnetic reduced-graphene oxide/tea waste composite for high-efficiency sorption of uranium. Scientific Reports, 2019, 9, 6471.	3.3	22
15	Promoting Electrocatalytic Oxygen Evolution over Transition-Metal Phosphide-Based Nanocomposites via Architectural and Electronic Engineering. ACS Applied Materials & Interfaces, 2019, 11, 46825-46838.	8.0	34
16	High-performance water desalination of heteroatom nitrogen- and sulfur-codoped open hollow tubular porous carbon electrodes <i>via</i> capacitive deionization. Environmental Science: Nano, 2019, 6, 3359-3373.	4.3	31
17	Bimetallic Niâ€“Fe phosphide nanocomposites with a controlled architecture and composition enabling highly efficient electrochemical water oxidation. Journal of Materials Chemistry A, 2018, 6, 2231-2238.	10.3	97
18	Architectural Designs and Synthetic Strategies of Advanced Nanocatalysts. Advanced Materials, 2018, 30, e1802094.	21.0	41

#	Article	IF	Citations
19	Sandwichâ€Like Nanocomposite of CoNiO<i>_x</i>/Reduced Graphene Oxide for Enhanced Electrocatalytic Water Oxidation. Advanced Functional Materials, 2017, 27, 1606325.	14.9	87
20	Synthetic Architecture of MgO/C Nanocomposite from Hierarchical-Structured Coordination Polymer toward Enhanced CO₂ Capture. ACS Applied Materials & Interfaces, 2017, 9, 9592-9602.	8.0	57
21	Advanced oxygen evolution catalysis by bimetallic Niâ€“Fe phosphide nanoparticles encapsulated in nitrogen, phosphorus, and sulphur tri-doped porous carbon. Chemical Communications, 2017, 53, 6025-6028.	4.1	54
22	Hierarchical Nanocomposite by the Integration of Reduced Graphene Oxide and Amorphous Carbon with Ultrafine MgO Nanocrystallites for Enhanced CO₂ Capture. Environmental Science & Technology, 2017, 51, 12998-13007.	10.0	42
23	Ultrafine Alloy Nanoparticles Converted from 2D Intercalated Coordination Polymers for Catalytic Application. Advanced Functional Materials, 2016, 26, 5658-5668.	14.9	41
24	Immobilization of Metalâ€“Organic Framework Nanocrystals for Advanced Design of Supported Nanocatalysts. ACS Applied Materials & Interfaces, 2016, 8, 29551-29564.	8.0	57
25	NiO/nanoporous graphene composites with excellent supercapacitive performance produced by atomic layer deposition. Nanotechnology, 2014, 25, 504001.	2.6	46
26	A Bi/BiOCl heterojunction photocatalyst with enhanced electronâ€“hole separation and excellent visible light photodegrading activity. Journal of Materials Chemistry A, 2014, 2, 1677-1681.	10.3	363
27	Monodispersed Pd clusters generated in situ by their own reductive support for high activity and stability in cross-coupling reactions. Journal of Materials Chemistry A, 2014, 2, 12739.	10.3	52
28	A coreâ€“shellâ€“satellite structured Fe₃O₄@MSâ€“NH₂@Pd nanocomposite: a magnetically recyclable multifunctional catalyst for one-pot multistep cascade reaction sequences. Nanoscale, 2014, 6, 442-448.	5.6	47
29	Coreâ€“shell structured MgAl-LDO@Al-MS hexagonal nanocomposite: an all inorganic acidâ€“base bifunctional nanoreactor for one-pot cascade reactions. Journal of Materials Chemistry A, 2014, 2, 339-344.	10.3	47
30	Graphene-based composite supercapacitor electrodes with diethylene glycol as inter-layer spacer. Journal of Materials Chemistry A, 2014, 2, 7706-7710.	10.3	44
31	Versatile inorganic-organic hybrid WO x -ethylenediamine nanowires: Synthesis, mechanism and application in heavy metal ion adsorption and catalysis. Nano Research, 2014, 7, 903-916.	10.4	59
32	Core-shell structured nanospheres with mesoporous silica shell and Ni core as a stable catalyst for hydrolytic dehydrogenation of ammonia borane. Journal of Energy Chemistry, 2014, 23, 50-56.	12.9	21
33	Nanoporous Nitrogenâ€Doped Titanium Dioxide with Excellent Photocatalytic Activity under Visible Light Irradiation Produced by Molecular Layer Deposition. Angewandte Chemie - International Edition, 2013, 52, 9196-9200.	13.8	72
34	Synthesis of a coreâ€“shellâ€“shell structured acidâ€“base bifunctional mesoporous silica nanoreactor (MS-SO3H@MS@MS-NH2) and its application in tandem catalysis. Journal of Materials Chemistry A, 2013, 1, 12804.	10.3	37
35	Au nanoparticles embedded into the inner wall of TiO2 hollow spheres as a nanoreactor with superb thermal stability. Chemical Communications, 2013, 49, 3116.	4.1	58
36	Oneâ€Pot Multistep Cascade Reactions over Multifunctional Nanocomposites with Pd Nanoparticles Supported on Amineâ€Modified Mesoporous Silica. Chemistry - an Asian Journal, 2013, 8, 2459-2465.	3.3	33

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37	High adsorption capacity and the key role of carbonate groups for heavy metal ion removal by basic aluminum carbonate porous nanospheres. Journal of Materials Chemistry, 2012, 22, 19898.	6.7	51
38	Diffusion Induced Reactant Shape Selectivity Inside Mesoporous Pores of Pd@meso-SiO₂ Nanoreactor in Suzuki Coupling Reactions. Journal of Physical Chemistry C, 2012, 116, 14986-14991.	3.1	78
39	Coreâ€“shell structured mesoporous silica as acidâ€“base bifunctional catalyst with designated diffusion path for cascade reaction sequences. Chemical Communications, 2012, 48, 10541.	4.1	76
40	Synthesis of Cyclic Carbonates: Catalysis by an Ironâ€Based Composite and the Role of Hydrogen Bonding at the Solid/Liquid Interface. ChemSusChem, 2012, 5, 652-655.	6.8	51
41	Low-cost synthesis of robust anatase polyhedral structures with a preponderance of exposed {001} facets for enhanced photoactivities. Nano Research, 2012, 5, 434-442.	10.4	46
42	Mesoporous Ce1â^'xZrxO2 solid solution nanofibers as high efficiency catalysts for the catalytic combustion of VOCs. Journal of Materials Chemistry, 2011, 21, 12836.	6.7	46
43	Hydroxyl Group Rich C₆₀ Fullerenol: An Excellent Hydrogen Bond Catalyst with Superb Activity, Selectivity, and Stability. ACS Catalysis, 2011, 1, 1158-1161.	11.2	32