Xiaoqian Wang

List of Publications by Year
in descending order

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42 papers	7,874 citations	147801 31 h-index	276875 41 g-index
42 all docs	42 docs citations	42 times ranked	8551 citing authors

#	Article	IF	Citations
1	Ultrathin Amorphous/Crystalline Heterophase Rh and Rh Alloy Nanosheets as Tandem Catalysts for Direct Indole Synthesis. Advanced Materials, 2021, 33, e2006711.	21.0	68
2	Controlled Ring-Opening Polymerization of O-Carboxyanhydrides to Synthesize Functionalized Poly(Î±-Hydroxy Acids). Organic Materials, 2021, 03, 041-050.	2.0	5
3	Aliphatic Polyesterâ€Based Materials for Enhanced Cancer Immunotherapy. Macromolecular Bioscience, 2021, 21, e2100087.	4.1	7
4	NiCo-LDH nanosheets strongly coupled with GO-CNTs as a hybrid electrocatalyst for oxygen evolution reaction. Nano Research, 2021, 14, 4783-4788.	10.4	52
5	General Design Concept for Singleâ€Atom Catalysts toward Heterogeneous Catalysis. Advanced Materials, 2021, 33, e2004287.	21.0	170
6	Resilient Poly(Î±-hydroxy acids) with Improved Strength and Ductility via Scalable Stereosequence-Controlled Polymerization. Journal of the American Chemical Society, 2021, 143, 16813-16823.	13.7	21
7	Photocatalyst-independent photoredox ring-opening polymerization of O-carboxyanhydrides: stereocontrol and mechanism. Chemical Science, 2021, 12, 3702-3712.	7.4	5
8	Functionalized Polyesters via Stereoselective Electrochemical Ring-Opening Polymerization of O-Carboxyanhydrides. ACS Macro Letters, 2020, 9, 1114-1118.	4.8	19
9	Negative Pressure Pyrolysis Induced Highly Accessible Single Sites Dispersed on 3D Graphene Frameworks for Enhanced Oxygen Reduction. Angewandte Chemie, 2020, 132, 20645-20649.	2.0	16
10	Negative Pressure Pyrolysis Induced Highly Accessible Single Sites Dispersed on 3D Graphene Frameworks for Enhanced Oxygen Reduction. Angewandte Chemie - International Edition, 2020, 59, 20465-20469.	13.8	104
11	Highly Productive Electrosynthesis of Ammonia by Admolecule-Targeting Single Ag Sites. ACS Nano, 2020, 14, 6938-6946.	14.6	119
12	Cation-Exchange Induced Precise Regulation of Single Copper Site Triggers Room-Temperature Oxidation of Benzene. Journal of the American Chemical Society, 2020, 142, 12643-12650.	13.7	110
13	Recover the activity of sintered supported catalysts by nitrogen-doped carbon atomization. Nature Communications, 2020, 11, 335.	12.8	69
14	A Supported Nickel Catalyst Stabilized by a Surface Digging Effect for Efficient Methane Oxidation. Angewandte Chemie, 2019, 131, 18559-18564.	2.0	20
15	A Supported Nickel Catalyst Stabilized by a Surface Digging Effect for Efficient Methane Oxidation. Angewandte Chemie - International Edition, 2019, 58, 18388-18393.	13.8	69
16	Unraveling the enzyme-like activity of heterogeneous single atom catalyst. Chemical Communications, 2019, 55, 2285-2288.	4.1	205
17	Engineering the electronic structure of single atom Ru sites via compressive strain boosts acidic water oxidation electrocatalysis. Nature Catalysis, 2019, 2, 304-313.	34.4	757
18	2D MOF induced accessible and exclusive Co single sites for an efficient O-silylation of alcohols with silanes. Chemical Communications, 2019, 55, 6563-6566.	4.1	34

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19	Highly sensitive ethanol gas sensor based on ultrathin nanosheets assembled Bi2WO6 with composite phase. Science Bulletin, 2019, 64, 595-602.	9.0	40
20	Review of Metal Catalysts for Oxygen Reduction Reaction: From Nanoscale Engineering to Atomic Design. CheM, 2019, 5, 1486-1511.	11.7	544
21	Extremely strong and tough polythiophene composite for flexible electronics. Chemical Engineering Journal, 2019, 368, 933-940.	12.7	40
22	Frontispiz: A Supported Nickel Catalyst Stabilized by a Surface Digging Effect for Efficient Methane Oxidation. Angewandte Chemie, 2019, 131, .	2.0	0
23	Engineering the Electronic Structure of Submonolayer Pt on Intermetallic Pd₃Pb via Charge Transfer Boosts the Hydrogen Evolution Reaction. Journal of the American Chemical Society, 2019, 141, 19964-19968.	13.7	99
24	A general synthesis approach for amorphous noble metal nanosheets. Nature Communications, 2019, 10, 4855.	12.8	321
25	Frontispiece: A Supported Nickel Catalyst Stabilized by a Surface Digging Effect for Efficient Methane Oxidation. Angewandte Chemie - International Edition, 2019, 58, .	13.8	1
26	Solid-Diffusion Synthesis of Single-Atom Catalysts Directly from Bulk Metal for Efficient CO2 Reduction. Joule, 2019, 3, 584-594.	24.0	277
27	Regulation of Coordination Number over Single Co Sites: Triggering the Efficient Electroreduction of CO₂. Angewandte Chemie - International Edition, 2018, 57, 1944-1948.	13.8	888
28	Regulation of Coordination Number over Single Co Sites: Triggering the Efficient Electroreduction of CO₂. Angewandte Chemie, 2018, 130, 1962-1966.	2.0	244
29	Chemoselective solution synthesis of pyrazolic-structure-rich nitrogen-doped graphene for supercapacitors and electrocatalysis. Chemical Engineering Journal, 2018, 347, 754-762.	12.7	37
30	Synergistic effect of well-defined dual sites boosting the oxygen reduction reaction. Energy and Environmental Science, 2018, 11, 3375-3379.	30.8	528
31	Atomically dispersed Au1 catalyst towards efficient electrochemical synthesis of ammonia. Science Bulletin, 2018, 63, 1246-1253.	9.0	225
32	Hierarchical Porous N-doped Graphene Monoliths for Flexible Solid-State Supercapacitors with Excellent Cycle Stability. ACS Applied Energy Materials, 2018, 1, 5024-5032.	5.1	28
33	Research and development of single site catalyst in electrocatalytic reduction of CO₂. Scientia Sinica Chimica, 2018, 48, 1027-1039.	0.4	2
34	Ionic Exchange of Metalâ€“Organic Frameworks to Access Single Nickel Sites for Efficient Electroreduction of CO₂. Journal of the American Chemical Society, 2017, 139, 8078-8081.	13.7	1,115
35	Hierarchical Fe-doped NiO x nanotubes assembled from ultrathin nanosheets containing trivalent nickel for oxygen evolution reaction. Nano Energy, 2017, 38, 167-174.	16.0	160
36	Atomically Dispersed Copperâ€“Platinum Dual Sites Alloyed with Palladium Nanorings Catalyze the Hydrogen Evolution Reaction. Angewandte Chemie, 2017, 129, 16263-16267.	2.0	53

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37	Atomically Dispersed Copperâ€“Platinum Dual Sites Alloyed with Palladium Nanorings Catalyze the Hydrogen Evolution Reaction. Angewandte Chemie - International Edition, 2017, 56, 16047-16051.	13.8	231
38	Uncoordinated Amine Groups of Metalâ€“Organic Frameworks to Anchor Single Ru Sites as Chemoselective Catalysts toward the Hydrogenation of Quinoline. Journal of the American Chemical Society, 2017, 139, 9419-9422.	13.7	558
39	Strong and Robust Polyanilineâ€Based Supramolecular Hydrogels for Flexible Supercapacitors. Angewandte Chemie - International Edition, 2016, 55, 9196-9201.	13.8	312
40	Strong and Robust Polyanilineâ€Based Supramolecular Hydrogels for Flexible Supercapacitors. Angewandte Chemie, 2016, 128, 9342-9347.	2.0	107
41	Atomically Dispersed Ru on Ultrathin Pd Nanoribbons. Journal of the American Chemical Society, 2016, 138, 13850-13853.	13.7	132
42	A self-sustaining pyroelectric nanogenerator driven by water vapor. Nano Energy, 2016, 22, 19-26.	16.0	82