Yanfang Song

List of Publications by Year
in descending order

39 papers	5,847 citations	236833 25 h-index	302012 39 g-index
40 all docs	40 docs citations	40 times ranked	8380 citing authors

#	Article	IF	Citations
1	Solar driven efficient direct conversion of methane to multicarbon oxygenates. Journal of Materials Chemistry A, 2022, 10, 7856-7868.	5.2	7
2	Hierarchical micro/nanostructured silver hollow fiber boosts electroreduction of carbon dioxide. Nature Communications, 2022, 13, .	5.8	43
3	Frontiers of CO2 Capture and Utilization (CCU) towards Carbon Neutrality. Advances in Atmospheric Sciences, 2022, 39, 1252-1270.	1.9	30
4	Gas-phase CO₂ electroreduction over Snâ€“Cu hollow fibers. Materials Advances, 2021, 2, 241-247.	2.6	8
5	Bâ€Cuâ€Znâ€Gasdiffusionselektroden fÃ¼r die elektrokatalytische CO 2 â€Reduktion zu C 2+ â€Produkten bei hohen Stromdichten. Angewandte Chemie, 2021, 133, 9217-9224.	1.6	4
6	Investigating the Effect of the Initial Valence States of Copper on CO₂ Electroreduction. ChemElectroChem, 2021, 8, 3366-3370.	1.7	5
7	Ein MOFâ€basierter Cu_xO_yC_zâ€Katalysator fÃ¼r die elektrochemische CO₂â€Reduktion und die Auswirkungen der lokalen pHâ€Ã„nderung. Angewandte Chemie, 2021, 133, 23616-23624.	1.6	4
8	Insight into Composition and Intermediate Evolutions of Copper-Based Catalysts during Gas-Phase CO2 Electroreduction to Multicarbon Oxygenates. Catalysts, 2021, 11, 1502.	1.6	4
9	Enhanced Ethanol Production from CO₂ Electroreduction at Micropores in Nitrogenâ€Doped Mesoporous Carbon. ChemSusChem, 2020, 13, 293-297.	3.6	44
10	Advances in Clean Fuel Ethanol Production from Electro-, Photo- and Photoelectro-Catalytic CO2 Reduction. Catalysts, 2020, 10, 1287.	1.6	25
11	Induced CO₂ Electroreduction to Formic Acid on Metalâ€'Organic Frameworks via Node Doping. ChemSusChem, 2020, 13, 4035-4040.	3.6	22
12	Promotion of CO₂ Electrochemical Reduction via Cu Nanodendrites. ACS Applied Materials & Interfaces, 2020, 12, 11562-11569.	4.0	54
13	Efficient methane electrocatalytic conversion over a Ni-based hollow fiber electrode. Chinese Journal of Catalysis, 2020, 41, 1067-1072.	6.9	23
14	Evoked Methane Photocatalytic Conversion to C2 Oxygenates over Ceria with Oxygen Vacancy. Catalysts, 2020, 10, 196.	1.6	24
15	Recent progress in the photocatalytic reduction of aqueous carbon dioxide. Catalysis Today, 2018, 311, 23-39.	2.2	47
16	Oxygenates from the Electrochemical Reduction of Carbon Dioxide. Chemistry - an Asian Journal, 2018, 13, 1992-2008.	1.7	11
17	A Multifunction Lithiumâ€“Carbon Battery System Using a Dual Electrolyte. ACS Energy Letters, 2017, 2, 36-44.	8.8	28
18	Nickel-copper oxide nanowires for highly sensitive sensing of glucose. Applied Surface Science, 2017, 420, 927-934.	3.1	27

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19	Exclusive Formation of Formic Acid from CO₂ Electroreduction by a Tunable Pdâ€Sn Alloy. Angewandte Chemie, 2017, 129, 12387-12391.	1.6	92
20	Exclusive Formation of Formic Acid from CO₂ Electroreduction by a Tunable Pdâ€Sn Alloy. Angewandte Chemie - International Edition, 2017, 56, 12219-12223.	7.2	264
21	Metalâ€Free Nitrogenâ€Doped Mesoporous Carbon for Electroreduction of CO₂ to Ethanol. Angewandte Chemie, 2017, 129, 10980-10984.	1.6	69
22	Metalâ€Free Nitrogenâ€Doped Mesoporous Carbon for Electroreduction of CO₂ to Ethanol. Angewandte Chemie - International Edition, 2017, 56, 10840-10844.	7.2	289
23	Carbon Dots/NiCo₂O₄Nanocomposites with Various Morphologies for High Performance Supercapacitors. Small, 2016, 12, 5927-5934.	5.2	190
24	Electrochemical capacitors: mechanism, materials, systems, characterization and applications. Chemical Society Reviews, 2016, 45, 5925-5950.	18.7	2,969
25	A hierarchical structure of carbon-coated Li3VO4 nanoparticles embedded in expanded graphite for high performance lithium ion battery. Journal of Power Sources, 2016, 303, 333-339.	4.0	77
26	In-situ synthesis of graphene/nitrogen-doped ordered mesoporous carbon nanosheet for supercapacitor application. Carbon, 2016, 96, 955-964.	5.4	141
27	Synthesis of hierarchically porous carbon spheres with yolk-shell structure for high performance supercapacitors. Catalysis Today, 2015, 243, 199-208.	2.2	89
28	Oxygen-Rich Hierarchical Porous Carbon Derived from Artemia Cyst Shells with Superior Electrochemical Performance. ACS Applied Materials & Interfaces, 2015, 7, 1132-1139.	4.0	257
29	Graphene/silk fibroin based carbon nanocomposites for high performance supercapacitors. Journal of Materials Chemistry A, 2015, 3, 773-781.	5.2	74
30	In-Situ Confined Growth of Monodisperse Pt Nanoparticle@Graphene Nanobox Composites as Electrocatalytic Nanoreactors. Small, 2015, 11, 1003-1010.	5.2	24
31	Nitrogenâ€Doped Ordered Mesoporous Carbon with a High Surface Area, Synthesized through Organicâ€“Inorganic Coassembly, and Its Application in Supercapacitors. ChemPhysChem, 2014, 15, 2084-2093.	1.0	56
32	Hydrothermal synthesis of ordered mesoporous carbons from a biomass-derived precursor for electrochemical capacitors. Nanoscale, 2014, 6, 14657-14661.	2.8	98
33	A Nitrogen-doped Hierarchical Mesoporous/Microporous Carbon for Supercapacitors. Electrochimica Acta, 2014, 146, 485-494.	2.6	31
34	Nitrogen-Doped Graphene Nanoribbons as Efficient Metal-Free Electrocatalysts for Oxygen Reduction. ACS Applied Materials & Interfaces, 2014, 6, 4214-4222.	4.0	156
35	Flexible and Wireâ€Shaped Microâ€Supercapacitor Based on Ni(OH)₂â€Nanowire and Ordered Mesoporous Carbon Electrodes. Advanced Functional Materials, 2014, 24, 3405-3412.	7.8	304
36	Preparation and Capacitance of Copper-Doped Activated Carbon From Polyacrylonitrile (PAN) Precursor. Acta Chimica Sinica, 2014, 72, 927.	0.5	0

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37	Preparation of nitrogen-containing mesoporous carbons and their application in supercapacitors. New Journal of Chemistry, 2013, 37, 1768.	1.4	31
38	Ordered hierarchical mesoporous/microporous carbon with optimized pore structure for supercapacitors. Journal of Materials Chemistry A, 2013, 1, 1192-1200.	5.2	67
39	Supercapacitor electrode of hollow spherical V2O5 with a high pseudocapacitance in aqueous solution. Electrochimica Acta, 2013, 105, 489-495.	2.6	156