Chang Song

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8966816/publications.pdf

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19	718	759233 12	752698 20
papers	citations	h-index	g-index

20	20	20	1385
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nitrogen-Doped Hollow Carbon Nanoparticles with Excellent Oxygen Reduction Performances and Their Electrocatalytic Kinetics. Journal of Physical Chemistry C, 2011, 115, 25148-25154.	3.1	131
2	Synthesis of highly nitrogen-doped hollow carbon nanoparticles and their excellent electrocatalytic properties in dye-sensitized solar cells. Journal of Materials Chemistry, 2010, 20, 10829.	6.7	126
3	Tuning Gold Nanoparticles with Chelating Ligands for Highly Efficient Electrocatalytic CO₂ Reduction. Angewandte Chemie - International Edition, 2018, 57, 12675-12679.	13.8	108
4	Copper-Catalyzed, Chloroamide-Directed Benzylic Câ€“H Difluoromethylation. Journal of the American Chemical Society, 2019, 141, 19941-19949.	13.7	77
5	Particleâ^'Wireâ^'Tube Mechanism for Carbon Nanotube Evolution. Journal of the American Chemical Society, 2006, 128, 15405-15414.	13.7	49
6	Hierarchical Porous Coreâ^'Shell Carbon Nanoparticles. Chemistry of Materials, 2009, 21, 1524-1530.	6.7	41
7	Interfacial adhesion properties of carbon fiber/polycarbonate composites by using a single-filament fragmentation test. Composites Science and Technology, 2017, 149, 108-115.	7.8	38
8	Tuning Gold Nanoparticles with Chelating Ligands for Highly Efficient Electrocatalytic CO₂ Reduction. Angewandte Chemie, 2018, 130, 12857-12861.	2.0	34
9	Microwave Synthesis of Ultrathin Nickel Hydroxide Nanosheets with Iron Incorporation for Electrocatalytic Water Oxidation. ACS Applied Energy Materials, 2019, 2, 1961-1968.	5.1	24
10	Solid-phase transformation of glass-like carbon nanoparticles into nanotubes and the related mechanism. Carbon, 2008, 46, 92-98.	10.3	17
11	Cyclohexane dehydrogenation over the platinum catalysts supported on carbon nanomaterials. Journal of Fuel Chemistry and Technology, 2009, 37, 468-472.	2.0	17
12	Effect of chemical treatment to hollow carbon nanoparticles (HCNP) on catalytic behaviors of the platinum catalysts. Applied Surface Science, 2008, 255, 2989-2993.	6.1	14
13	Identification and technical accessibility of the carbon self-assembly concept hidden in catalytic carbon nanotube evolution. Journal of Materials Chemistry, 2009, 19, 7725.	6.7	9
14	Elucidation of The Influence of Cu Promoter on Carburization Prior to Ironâ€Based Fischerâ€Tropsch Synthesis: an In situ Xâ€Ray Diffraction Study. ChemCatChem, 2019, 11, 715-723.	3.7	9
15	Theoretical and experimental evidence of a metal-carbon synergism for the catalytic growth of carbon nanotubes by chemical vapor deposition. New Carbon Materials, 2008, 23, 331-338.	6.1	6
16	Carbon Nanotube-Confined Evolution of Coâ^'Ni Alloy Nanowires with High-Density Lamellar Twin Boundaries. Journal of Physical Chemistry C, 2008, 112, 15247-15252.	3.1	6
17	Tracing carbon nanotube evolution from immature tubules. Chemical Physics Letters, 2009, 468, 57-63.	2.6	5
18	Exploration of Properties from Both the Bulk and Surface of Iron Silicides: A Unified Theoretical Study. Journal of Physical Chemistry C, 2019, 123, 11939-11949.	3.1	4

#	Article	IF	Citations
19	The role of ligands in pressure-induced phase transition of gold nanoribbons. Phase Transitions, 2021, 94, 123-133.	1.3	2