Yongcheng Wang

List of Publications by Year
in descending order

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25 papers	3,983 citations	361045 20 h-index	500791 28 g-index
30 all docs	30 docs citations	30 times ranked	7506 citing authors

#	Article	IF	Citations
1	Electrocatalysts: Coâ€“Niâ€Based Nanotubes/Nanosheets as Efficient Water Splitting Electrocatalysts (Adv. Energy Mater. 3/2016). Advanced Energy Materials, 2016, 6, .	10.2	29
2	Coâ€“Niâ€Based Nanotubes/Nanosheets as Efficient Water Splitting Electrocatalysts. Advanced Energy Materials, 2016, 6, 1501661.	10.2	232
3	Transition metal oxide hierarchical nanotubes for energy applications. Nanotechnology, 2016, 27, 02LT01.	1.3	13
4	Myriophyllum-like hierarchical TiN@Ni₃N nanowire arrays for bifunctional water splitting catalysts. Journal of Materials Chemistry A, 2016, 4, 5713-5718.	5.2	134
5	Incorporation of well-dispersed sub-5-nm graphitic pencil nanodots into ordered mesoporous frameworks. Nature Chemistry, 2016, 8, 171-178.	6.6	153
6	Bioâ€Inspired Leafâ€Mimicking Nanosheet/Nanotube Heterostructure as a Highly Efficient Oxygen Evolution Catalyst. Advanced Science, 2015, 2, 1500003.	5.6	90
7	Solarâ€Energyâ€Driven Photoelectrochemical Biosensing Using TiO₂ Nanowires. Chemistry - A European Journal, 2015, 21, 11288-11299.	1.7	42
8	Growth of Singleâ€Layered Twoâ€Dimensional Mesoporous Polymer/Carbon Films by Selfâ€Assembly of Monomicelles at the Interfaces of Various Substrates. Angewandte Chemie - International Edition, 2015, 54, 8425-8429.	7.2	45
9	RÃ¼cktitelbild: Growth of Single-Layered Two-Dimensional Mesoporous Polymer/Carbon Films by Self-Assembly of Monomicelles at the Interfaces of Various Substrates (Angew. Chem. 29/2015). Angewandte Chemie, 2015, 127, 8686-8686.	1.6	0
10	Nanoparticle Superlattices as Efficient Bifunctional Electrocatalysts for Water Splitting. Journal of the American Chemical Society, 2015, 137, 14305-14312.	6.6	377
11	Bio-inspired porous antenna-like nanocube/nanowire heterostructure as ultra-sensitive cellular interfaces. NPG Asia Materials, 2014, 6, e117-e117.	3.8	33
12	Surface Plasmon Resonance Enhanced Real-Time Photoelectrochemical Protein Sensing by Gold Nanoparticle-Decorated TiO₂ Nanowires. Analytical Chemistry, 2014, 86, 6633-6639.	3.2	92
13	Sensitive enzymatic glucose detection by TiO₂nanowire photoelectrochemical biosensors. Journal of Materials Chemistry A, 2014, 2, 6153-6157.	5.2	139
14	WO₃ Nanoflakes for Enhanced Photoelectrochemical Conversion. ACS Nano, 2014, 8, 11770-11777.	7.3	395
15	Reversible Chemical Tuning of Charge Carriers for Enhanced Photoelectrochemical Conversion and Probing of Living Cells. Small, 2014, 10, 4967-4974.	5.2	18
16	CoNiO2/TiNâ€“TiOxNy composites for ultrahigh electrochemical energy storage and simultaneous glucose sensing. Journal of Materials Chemistry A, 2014, 2, 10904.	5.2	19
17	Solar-Driven Photoelectrochemical Probing of Nanodot/Nanowire/Cell Interface. Nano Letters, 2014, 14, 2702-2708.	4.5	132
18	Artificial metabolism-inspired photoelectrochemical probing of biomolecules and cells. Journal of Materials Chemistry A, 2014, 2, 15752-15757.	5.2	11

#	Article	IF	Citations
19	Reduced Mesoporous Co₃O₄ Nanowires as Efficient Water Oxidation Electrocatalysts and Supercapacitor Electrodes. Advanced Energy Materials, 2014, 4, 1400696.	10.2	852
20	Fully Solar-Powered Photoelectrochemical Conversion for Simultaneous Energy Storage and Chemical Sensing. Nano Letters, 2014, 14, 3668-3673.	4.5	64
21	Oriented Mesoporous Nanopyramids as Versatile Plasmon-Enhanced Interfaces. Journal of the American Chemical Society, 2014, 136, 6822-6825.	6.6	62
22	Photoelectrochemical Detection of Glutathione by IrO₂â€“Heminâ€“TiO₂ Nanowire Arrays. Nano Letters, 2013, 13, 5350-5354.	4.5	214
23	Carbon Nanodots Featuring Efficient FRET for Realâ€Time Monitoring of Drug Delivery and Twoâ€Photon Imaging. Advanced Materials, 2013, 25, 6569-6574.	11.1	494
24	Simultaneous Etching and Doping of TiO₂ Nanowire Arrays for Enhanced Photoelectrochemical Performance. ACS Nano, 2013, 7, 9375-9383.	7.3	152
25	Branched Co3O4/Fe2O3 nanowires as high capacity lithium-ion battery anodes. Nano Research, 2013, 6, 167-173.	5.8	169