

Yongcheng Wang

List of Publications by Citations

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27
papers

3,359
citations

20
h-index

30
g-index

30
ext. papers

3,637
ext. citations

12.7
avg, IF

4.98
L-index

#	Paper	IF	Citations
27	Reduced Mesoporous Co ₃ O ₄ Nanowires as Efficient Water Oxidation Electrocatalysts and Supercapacitor Electrodes. <i>Advanced Energy Materials</i> , 2014 , 4, 1400696	21.8	650
26	Carbon nanodots featuring efficient FRET for real-time monitoring of drug delivery and two-photon imaging. <i>Advanced Materials</i> , 2013 , 25, 6569-74	24	429
25	Nanoparticle Superlattices as Efficient Bifunctional Electrocatalysts for Water Splitting. <i>Journal of the American Chemical Society</i> , 2015 , 137, 14305-12	16.4	328
24	WO ₃ nanoflakes for enhanced photoelectrochemical conversion. <i>ACS Nano</i> , 2014 , 8, 11770-7	16.7	320
23	Co/Ni-Based Nanotubes/Nanosheets as Efficient Water Splitting Electrocatalysts. <i>Advanced Energy Materials</i> , 2016 , 6, 1501661	21.8	206
22	Photoelectrochemical detection of glutathione by IrO ₂ -hemin-TiO ₂ nanowire arrays. <i>Nano Letters</i> , 2013 , 13, 5350-4	11.5	183
21	Branched Co ₃ O ₄ /Fe ₂ O ₃ nanowires as high capacity lithium-ion battery anodes. <i>Nano Research</i> , 2013 , 6, 167-173	10	155
20	Simultaneous etching and doping of TiO ₂ nanowire arrays for enhanced photoelectrochemical performance. <i>ACS Nano</i> , 2013 , 7, 9375-83	16.7	140
19	Incorporation of well-dispersed sub-5-nm graphitic pencil nanodots into ordered mesoporous frameworks. <i>Nature Chemistry</i> , 2016 , 8, 171-8	17.6	128
18	Solar-driven photoelectrochemical probing of nanodot/nanowire/cell interface. <i>Nano Letters</i> , 2014 , 14, 2702-8	11.5	123
17	Sensitive enzymatic glucose detection by TiO ₂ nanowire photoelectrochemical biosensors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 6153-6157	13	119
16	Myriophyllum-like hierarchical TiN@Ni ₃ N nanowire arrays for bifunctional water splitting catalysts. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5713-5718	13	112
15	Surface plasmon resonance enhanced real-time photoelectrochemical protein sensing by gold nanoparticle-decorated TiO ₂ nanowires. <i>Analytical Chemistry</i> , 2014 , 86, 6633-9	7.8	83
14	Bio-Inspired Leaf-Mimicking Nanosheet/Nanotube Heterostructure as a Highly Efficient Oxygen Evolution Catalyst. <i>Advanced Science</i> , 2015 , 2, 1500003	13.6	78
13	Oriented mesoporous nanopyramids as versatile plasmon-enhanced interfaces. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6822-5	16.4	58
12	Fully solar-powered photoelectrochemical conversion for simultaneous energy storage and chemical sensing. <i>Nano Letters</i> , 2014 , 14, 3668-73	11.5	52
11	Growth of Single-Layered Two-Dimensional Mesoporous Polymer/Carbon Films by Self-Assembly of Monomicelles at the Interfaces of Various Substrates. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8425-9	16.4	37

10	Solar-Energy-Driven Photoelectrochemical Biosensing Using TiO ₂ Nanowires. <i>Chemistry - A European Journal</i> , 2015 , 21, 11288-99	4.8	36
9	Bio-inspired porous antenna-like nanocube/nanowire heterostructure as ultra-sensitive cellular interfaces. <i>NPG Asia Materials</i> , 2014 , 6, e117-e117	10.3	30
8	Electrocatalysts: Co/Ni-Based Nanotubes/Nanosheets as Efficient Water Splitting Electrocatalysts (Adv. Energy Mater. 3/2016). <i>Advanced Energy Materials</i> , 2016 , 6,	21.8	21
7	CoNiO ₂ /TiN/TiO _x N _y composites for ultrahigh electrochemical energy storage and simultaneous glucose sensing. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 10904	13	17
6	Reversible chemical tuning of charge carriers for enhanced photoelectrochemical conversion and probing of living cells. <i>Small</i> , 2014 , 10, 4967-74	11	15
5	Growth of Single-Layered Two-Dimensional Mesoporous Polymer/Carbon Films by Self-Assembly of Monomicelles at the Interfaces of Various Substrates. <i>Angewandte Chemie</i> , 2015 , 127, 8545-8549	3.6	14
4	Transition metal oxide hierarchical nanotubes for energy applications. <i>Nanotechnology</i> , 2016 , 27, 02LT013,4	13.4	12
3	Artificial metabolism-inspired photoelectrochemical probing of biomolecules and cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 15752-15757	13	9
2	Ultralight Mesoporous Magnetic Frameworks by Interfacial Assembly of Prussian Blue Nanocubes. <i>Angewandte Chemie</i> , 2014 , 126, 2932-2936	3.6	1
1	Titelbild: 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). <i>Angewandte Chemie</i> , 2015 , 127, 8686-8686	3.6	