

Hanyu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

6,599
citations

394421

19
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

10488
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical properties of the interaction between cytochrome c and a hematite nanowire array electrode. <i>Bioelectrochemistry</i> , 2019, 129, 162-169.	4.6	6
2	Reduced graphene oxide modified activated carbon for improving power generation of air-cathode microbial fuel cells. <i>Journal of Materials Research</i> , 2018, 33, 1279-1287.	2.6	8
3	An electrochemical method to enhance the performance of metal oxides for photoelectrochemical water oxidation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2849-2855.	10.3	114
4	An Electrochemical Capacitor with Applicable Energy Density of 7.4 Wh/kg at Average Power Density of 3000 W/kg. <i>Nano Letters</i> , 2015, 15, 3189-3194.	9.1	118
5	Solidâ€State Supercapacitor Based on Activated Carbon Cloths Exhibits Excellent Rate Capability. <i>Advanced Materials</i> , 2014, 26, 2676-2682.	21.0	660
6	Chemically modified nanostructures for photoelectrochemical water splitting. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2014, 19, 35-51.	11.6	156
7	Lowâ€Temperature Activation of Hematite Nanowires for Photoelectrochemical Water Oxidation. <i>ChemSusChem</i> , 2014, 7, 848-853.	6.8	67
8	Photoenhanced Electrochemical Interaction between <i>Shewanella</i> and a Hematite Nanowire Photoanode. <i>Nano Letters</i> , 2014, 14, 3688-3693.	9.1	121
9	Polyaniline and Polypyrrole Pseudocapacitor Electrodes with Excellent Cycling Stability. <i>Nano Letters</i> , 2014, 14, 2522-2527.	9.1	688
10	Solar-assisted microbial fuel cells for bioelectricity and chemical fuel generation. <i>Nano Energy</i> , 2014, 8, 264-273.	16.0	53
11	High energy density asymmetric supercapacitors with a nickel oxide nanoflake cathode and a 3D reduced graphene oxide anode. <i>Nanoscale</i> , 2013, 5, 7984.	5.6	253
12	High power density microbial fuel cell with flexible 3D grapheneâ€nickel foam as anode. <i>Nanoscale</i> , 2013, 5, 10283.	5.6	265
13	Chemically modified titanium oxide nanostructures for dye-sensitized solar cells. <i>Nano Energy</i> , 2013, 2, 1373-1382.	16.0	21
14	Self-Biased Solar-Microbial Device for Sustainable Hydrogen Generation. <i>ACS Nano</i> , 2013, 7, 8728-8735.	14.6	84
15	Free-standing nickel oxide nanoflake arrays: synthesis and application for highly sensitive non-enzymatic glucose sensors. <i>Nanoscale</i> , 2012, 4, 3123.	5.6	228
16	LiCl/PVA Gel Electrolyte Stabilizes Vanadium Oxide Nanowire Electrodes for Pseudocapacitors. <i>ACS Nano</i> , 2012, 6, 10296-10302.	14.6	310
17	Photoelectrochemical study of oxygen deficient TiO ₂ nanowire arrays with CdS quantum dot sensitization. <i>Nanoscale</i> , 2012, 4, 1463.	5.6	110
18	Hydrogen-treated WO ₃ nanoflakes show enhanced photostability. <i>Energy and Environmental Science</i> , 2012, 5, 6180.	30.8	666

#	ARTICLE	IF	CITATIONS
19	Solar driven hydrogen releasing from urea and human urine. <i>Energy and Environmental Science</i> , 2012, 5, 8215.	30.8	160
20	Solvothermal Preparation of Pd Nanostructures under Nitrogen and Air Atmospheres and Electrocatalytic Activities for the Oxidation of Methanol. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 2425-2430.	8.0	18
21	Hydrogen-Treated TiO ₂ Nanowire Arrays for Photoelectrochemical Water Splitting. <i>Nano Letters</i> , 2011, 11, 3026-3033.	9.1	2,344
22	Monodispersed Nickel Nanoparticles with Tunable Phase and Size: Synthesis, Characterization, and Magnetic Properties. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18793-18797.	3.1	76
23	Monodispersed Co, Ni-Ferrite Nanoparticles with Tunable Sizes: Controlled Synthesis, Magnetic Properties, and Surface Modification. <i>Journal of Physical Chemistry C</i> , 2008, 112, 911-917.	3.1	73