Xintang Huang

List of Publications by Year in descending order

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32	4,985	430442	454577
papers	citations	18 h-index	30 g-index

32	32	32	8055
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent Advances in Metal Oxideâ€based Electrode Architecture Design for Electrochemical Energy Storage. Advanced Materials, 2012, 24, 5166-5180.	11.1	2,251
2	Carbonâ€Stabilized Highâ€Capacity Ferroferric Oxide Nanorod Array for Flexible Solidâ€State Alkaline Batteryâ€“Supercapacitor Hybrid Device with High Environmental Suitability. Advanced Functional Materials, 2015, 25, 5384-5394.	7.8	457
3	Hydrothermal Synthesis of Bi2WO6Uniform Hierarchical Microspheres. Crystal Growth and Design, 2007, 7, 1350-1355.	1.4	337
4	Iron Oxide-Based Nanotube Arrays Derived from Sacrificial Template-Accelerated Hydrolysis: Large-Area Design and Reversible Lithium Storage. Chemistry of Materials, 2010, 22, 212-217.	3.2	311
5	Photocatalytic oxidation of methane over silver decorated zinc oxide nanocatalysts. Nature Communications, 2016, 7, 12273.	5.8	306
6	Direct growth of SnO2 nanorod array electrodes for lithium-ion batteries. Journal of Materials Chemistry, 2009, 19, 1859.	6.7	273
7	Carbon/ZnO Nanorod Array Electrode with Significantly Improved Lithium Storage Capability. Journal of Physical Chemistry C, 2009, 113, 5336-5339.	1.5	202
8	Hierarchical nanostructures of cupric oxide on a copper substrate: controllable morphology and wettability. Journal of Materials Chemistry, 2006, 16, 4427.	6.7	181
9	CNT/Ni hybrid nanostructured arrays: synthesis and application as high-performance electrode materials for pseudocapacitors. Energy and Environmental Science, 2011, 4, 5000.	15.6	125
10	CNT-network modified Ni nanostructured arrays for high performance non-enzymatic glucose sensors. RSC Advances, 2011, 1, 1020.	1.7	80
11	Ultrathin CoFe-layered double hydroxide nanosheets embedded in high conductance Cu₃N nanowire arrays with a 3D coreâ€“shell architecture for ultrahigh capacitance supercapacitors. Journal of Materials Chemistry A, 2018, 6, 24603-24613.	5.2	80
12	Coâ€“Fe layered double hydroxide nanowall array grown from an alloy substrate and its calcined product as a composite anode for lithium-ion batteries. Journal of Materials Chemistry, 2011, 21, 15969.	6.7	75
13	A general route to thickness-tunable multilayered sheets of sheelite-type metal molybdate and their self-assembled films. Journal of Materials Chemistry, 2007, 17, 2754.	6.7	69
14	Mixed Niâ€“Cu-oxide nanowire array on conductive substrate and its application as enzyme-free glucose sensor. Analytical Methods, 2012, 4, 4003.	1.3	43
15	Nest-like V₃O₇ self-assembled by porous nanowires as an anode supercapacitor material and its performance optimization through bonding with N-doped carbon. Journal of Materials Chemistry A, 2018, 6, 16475-16484.	5.2	32
16	Preparation and gas-sensing property of ultra-fine NiO/SnO2 nano-particles. RSC Advances, 2012, 2, 10324.	1.7	28
17	Building smart TiO₂ nanorod networks in/on the film of P25 nanoparticles for high-efficiency dye sensitized solar cells. RSC Advances, 2014, 4, 12944-12949.	1.7	22
18	Oxygen Vacancies of Commercial V₂O₅ Induced by Mechanical Force to Enhance the Diffusion of Zinc Ions in Aqueous Zinc Battery. Batteries and Supercaps, 2022, 5, .	2.4	19

#	Article	IF	Citations
19	Conversion from ZnO nanospindles into ZnO/ZnS core/shell composites and ZnS microspindles. Crystal Research and Technology, 2009, 44, 402-408.	0.6	17
20	Sonochemical synthesis and characterization of ZnO nanorod/Ag nanoparticle composites. Crystal Research and Technology, 2009, 44, 1249-1254.	0.6	16
21	A ZnO/TiO₂ composite nanorods photoanode with improved performance for dyeâ€sensitized solar cells. Crystal Research and Technology, 2016, 51, 548-553.	0.6	12
22	Fast (Ce,Gd)₃Ga₂Al₃O₁₂ Scintillators Grown by the Optical Floating Zone Method. Crystal Growth and Design, 2022, 22, 180-190.	1.4	11
23	Cobalt Nanorods as Transition Metal Electrode Materials for Asymmetric Supercapacitor Applications. Journal of Physical Chemistry C, 2020, 124, 20746-20756.	1.5	8
24	Direct growth of 2D MoO2 single crystal on SiO2/Si substrate by atmospheric pressure chemical vapor deposition. Materials Chemistry and Physics, 2020, 251, 123166.	2.0	8
25	In Situ Engineering of the Coreâ€“Shell Ag@Cu Structure on Porous Nanowire Arrays for High Energy and Stable Aqueous Agâ€“Bi Batteries. ACS Applied Materials & Interfaces, 2020, 12, 10332-10340.	4.0	7
26	3D porous nickel nanosheet arrays as an advanced electrode material for high energy hybrid supercapacitors. Journal of Electroanalytical Chemistry, 2020, 864, 114118.	1.9	5
27	Directly Grown K_{0.33}WO₃ Nanosheet Film Electrode for Fast Direct Electron Transfer of Protein. ChemElectroChem, 2014, 1, 463-470.	1.7	3
28	Wide Concentration Range of Tb3+ Doping Influence on Scintillation Properties of (Ce, Tb,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Tc	1.3	3
29	Catalyst-free synthesis of few-layer graphene films on silicon dioxide/Si substrates using ethylene glycol by chemical vapor deposition. Materials Research Express, 2019, 6, 035602.	0.8	2
30	Low-crystalline FeOx@PPy hybridized with (Ni0.25Mn0.75)3O4@PPy to constructed high-voltage aqueous hybrid capacitor with 2.4ÂV. Journal of Electroanalytical Chemistry, 2020, 859, 113828.	1.9	1
31	Stable growth of (Ce,Gd)3Ga2Al3O12 crystal scintillators by the traveling solvent floating zone method. CrystEngComm, 0, , .	1.3	1
32	Image interpretation of weak-coupling N-mer adsorbateâ€™s STM system. Science Bulletin, 1997, 42, 371-374.	1.7	0