Shusheng Xu

List of Publications by Year
in descending order

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30 papers	1,867 citations	361413 20 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	2891 citing authors

#	Article	IF	Citations
1	Template-controlled in-situ growing of NiCo-MOF nanosheets on Ni foam with mixed linkers for high performance asymmetric supercapacitors. Applied Surface Science, 2022, 572, 151344.	6.1	80
2	Interface engineered hollow Co3O4@CoNi2S4 nanostructure for high efficiency supercapacitor and hydrogen evolution. Electrochimica Acta, 2022, 412, 140139.	5.2	25
3	The surface structure, stability, and catalytic performances toward O₂ reduction of CoP and FeCoP₂. Dalton Transactions, 2022, 51, 10420-10431.	3.3	7
4	Electronically regulated FeOOH/c-NiMoO4 with hierarchical sandwich structure as efficient electrode for oxygen evolution and hybrid supercapacitors. Electrochimica Acta, 2022, 427, 140884.	5.2	12
5	Single-metal-atom catalysts supported on graphdiyne catalyze CO oxidation. Dalton Transactions, 2021, 50, 10867-10879.	3.3	8
6	Carbon coating on metal oxide materials for electrochemical energy storage. Nanotechnology, 2021, 32, 502004.	2.6	10
7	Defect-Engineered NiCo-S Composite as a Bifunctional Electrode for High-Performance Supercapacitor and Electrocatalysis. ACS Applied Materials & Interfaces, 2021, 13, 47717-47727.	8.0	61
8	Highly sensitive NO₂ gas sensors based on hexagonal SnS₂ nanoplates operating at room temperature. Nanotechnology, 2020, 31, 075501.	2.6	30
9	The Application of Metalâ€“Organic Frameworks and Their Derivatives for Supercapacitors. Nanomaterials, 2020, 10, 2268.	4.1	21
10	Impact of linker functionalization on the adsorption of nitrogen-containing compounds in HKUST-1. Dalton Transactions, 2020, 49, 12610-12621.	3.3	16
11	Atomic structures and electronic properties of Ni or N modified Cu/diamond interface. Journal of Physics Condensed Matter, 2020, 32, 225001.	1.8	9
12	A dual CoNi MOF nanosheet/nanotube assembled on carbon cloth for high performance hybrid supercapacitors. Electrochimica Acta, 2020, 342, 136124.	5.2	77
13	Construction of MoS2/SnO2 heterostructures for sensitive NO2 detection at room temperature. Applied Surface Science, 2019, 493, 613-619.	6.1	104
14	Hierarchical CoNi2S4 nanosheet/nanotube array structure on carbon fiber cloth for high-performance hybrid supercapacitors. Electrochimica Acta, 2019, 305, 81-89.	5.2	54
15	Bi-metal organic framework nanosheets assembled on nickel wire films for volumetric-energy-dense supercapacitors. Journal of Power Sources, 2019, 423, 80-89.	7.8	50
16	Gold nanobipyramid@cuprous oxide jujube-like nanostructures for plasmon-enhanced photocatalytic performance. Applied Catalysis B: Environmental, 2018, 234, 26-36.	20.2	52
17	In situ coating nickel organic complexes on free-standing nickel wire films for volumetric-energy-dense supercapacitors. Nanotechnology, 2018, 29, 275401.	2.6	5
18	Microwave preparation and remarkable ethanol sensing properties of ZnO particles with controlled morphologies in water-ethylene glycol binary solvent system. Sensors and Actuators B: Chemical, 2018, 255, 1006-1014.	7.8	28

#	Article	IF	Citations
19	One-step electrodeposition of nickel cobalt sulfide nanosheets on Ni nanowire film for hybrid supercapacitor. Electrochimica Acta, 2018, 259, 617-625.	5.2	104
20	In situ preparation of magnetic Ni-Au/graphene nanocomposites with electron-enhanced catalytic performance. Journal of Alloys and Compounds, 2017, 706, 377-386.	5.5	27
21	Microwave formation and photoluminescence mechanisms of multi-states nitrogen doped carbon dots. Applied Surface Science, 2017, 422, 257-265.	6.1	70
22	Cobalt Doping To Boost the Electrochemical Properties of Ni@Ni₃S₂ Nanowire Films for Highâ€Performance Supercapacitors. ChemSusChem, 2017, 10, 4056-4065.	6.8	61
23	Two-dimensional NiO nanosheets with enhanced room temperature NO₂sensing performance via Al doping. Physical Chemistry Chemical Physics, 2017, 19, 19043-19049.	2.8	86
24	Rational design of sandwiched polyaniline nanotube/layered graphene/polyaniline nanotube papers for high-volumetric supercapacitors. Chemical Engineering Journal, 2017, 309, 89-97.	12.7	102
25	Morphology Control and Photocatalysis Enhancement by in Situ Hybridization of Cuprous Oxide with Nitrogen-Doped Carbon Quantum Dots. Langmuir, 2016, 32, 9418-9427.	3.5	86
26	Nanofoaming to Boost the Electrochemical Performance of Ni@Ni(OH)₂ Nanowires for Ultrahigh Volumetric Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 27868-27876.	8.0	82
27	Hierarchical heterostructures based on prickly Ni nanowires/Cu₂O nanoparticles with enhanced photocatalytic activity. Dalton Transactions, 2016, 45, 7258-7266.	3.3	11
28	A Review on Graphene-Based Gas/Vapor Sensors with Unique Properties and Potential Applications. Nano-Micro Letters, 2016, 8, 95-119.	27.0	491
29	A novel Ni@Ni(OH)2 coaxial core-sheath nanowire membrane for electrochemical energy storage electrodes with high volumetric capacity and excellent rate capability. Electrochimica Acta, 2015, 182, 464-473.	5.2	28
30	Hydrophilic and blue fluorescent N-doped carbon dots from tartaric acid and various alkylol amines under microwave irradiation. Nanoscale, 2015, 7, 15915-15923.	5.6	70