

Haoxi Wu

List of Publications by Year in descending order

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35
papers

2,430
citations

430874

18
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361022

35
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all docs

36
docs citations

36
times ranked

4699
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Step Ionic-Liquid-Assisted Electrochemical Synthesis of Ionic-Liquid-Functionalized Graphene Sheets Directly from Graphite. <i>Advanced Functional Materials</i> , 2008, 18, 1518-1525.	14.9	945
2	A High-Performance Binary Ni-Co Hydroxide-Based Water Oxidation Electrode with Three-Dimensional Coaxial Nanotube Array Structure. <i>Advanced Functional Materials</i> , 2014, 24, 4698-4705.	14.9	348
3	Facile Synthesis of Free-Standing Pd-Based Nanomembranes with Enhanced Catalytic Performance for Methanol/Ethanol Oxidation. <i>Advanced Materials</i> , 2012, 24, 1594-1597.	21.0	137
4	Enzymatic Plasmonic Engineering of Ag/Au Bimetallic Nanoshells and Their Use for Sensitive Optical Glucose Sensing. <i>Advanced Materials</i> , 2012, 24, 1736-1740.	21.0	128
5	Synthesis of thiolated Ag/Au bimetallic nanoclusters exhibiting an anti-galvanic reduction mechanism and composition-dependent fluorescence. <i>Nanoscale</i> , 2014, 6, 5449.	5.6	109
6	Controlled synthesis of porous Ag/Au bimetallic hollow nanoshells with tunable plasmonic and catalytic properties. <i>Nano Research</i> , 2012, 5, 135-144.	10.4	108
7	Self-standing non-noble metal (Ni-Fe) oxide nanotube array anode catalysts with synergistic reactivity for high-performance water oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7179-7186.	10.3	96
8	Synthesis of Monodisperse Plasmonic Au Core-Pt Shell Concave Nanocubes with Superior Catalytic and Electrocatalytic Activity. <i>ACS Catalysis</i> , 2013, 3, 2045-2051.	11.2	74
9	Effects of fullerene solubility on the crystallization of poly(3-hexylthiophene) and performance of photovoltaic devices. <i>Organic Electronics</i> , 2009, 10, 1334-1344.	2.6	52
10	Ionic Liquid-Functionalized Fluorescent Carbon Nanodots and Their Applications in Electrocatalysis, Biosensing, and Cell Imaging. <i>Langmuir</i> , 2014, 30, 15016-15021.	3.5	51
11	In Situ Nanoplasmonic Probing of Enzymatic Activity of Monolayer-Confined Glucose Oxidase on Colloidal Nanoparticles. <i>Analytical Chemistry</i> , 2013, 85, 4546-4553.	6.5	47
12	Smart Plasmonic Glucose Nanosensors as Generic Theranostic Agents for Targeting-Free Cancer Cell Screening and Killing. <i>Analytical Chemistry</i> , 2015, 87, 6868-6874.	6.5	37
13	Flexible and adhesive tape decorated with silver nanorods for in-situ analysis of pesticides residues and colorants. <i>Mikrochimica Acta</i> , 2019, 186, 603.	5.0	26
14	SERS detection and characterization of uranyl ion sorption on silver nanorods wrapped with Al ₂ O ₃ layers. <i>Mikrochimica Acta</i> , 2017, 184, 2775-2782.	5.0	25
15	MOF derived iron oxide-based smart plasmonic Ag/Au hollow and porous nanoshells as ultra-microelectrodes for ultra-sensitive detection of arsenic. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16164-16169.	10.3	25
16	A versatile and green electrochemical method for synthesis of copper and other transition metal oxide and hydroxide nanostructures. <i>Materials Chemistry and Physics</i> , 2008, 107, 511-517.	4.0	21
17	Controllable synthesis of metal hydroxide and oxide nanostructures by ionic liquids assisted electrochemical corrosion method. <i>Solid State Sciences</i> , 2008, 10, 1049-1055.	3.2	21
18	Self-assembly of silver nanoparticles as high active surface-enhanced Raman scattering substrate for rapid and trace analysis of uranyl(VI) ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 180, 23-28.	3.9	19

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19	Gold nanoparticles based electrochemical sensor for sensitive detection of uranyl in natural water. <i>Journal of Electroanalytical Chemistry</i> , 2021, 880, 114884.	3.8	19
20	HfO ₂ -wrapped slanted Ag nanorods array as a reusable and sensitive SERS substrate for trace analysis of uranyl compounds. <i>Sensors and Actuators B: Chemical</i> , 2018, 265, 539-546.	7.8	16
21	Free-Standing Monolayered Metallic Nanoparticle Networks as Building Blocks for Plasmonic Nanoelectronic Junctions. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1594-1599.	8.0	14
22	Characterizations on the microstructure and micro-mechanics of cast Be-Al-0.4Sc-0.4Zr alloy prepared by vacuum induction melting. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 744, 512-524.	5.6	14
23	A facile and general preparation of high-performance noble-metal-based free-standing nanomembranes by a reagentless interfacial self-assembly strategy. <i>Nanoscale</i> , 2012, 4, 6974.	5.6	11
24	Rapid and sensitive detection of uranyl ion with citrate-stabilized silver nanoparticles by the surface-enhanced Raman scattering technique. <i>Royal Society Open Science</i> , 2018, 5, 181099.	2.4	11
25	Graphene Oxide Carburization Enhanced Ionization Efficiency for TIMS Isotope Ratio Analysis of Uranium at Trace Level. <i>Analytical Chemistry</i> , 2019, 91, 7215-7225.	6.5	11
26	The contribution of photoinduced charge-transfer enhancement to the SERS of uranyl(VI) in a uranyl-Ag ₂ O complex. <i>Science Bulletin</i> , 2019, 64, 315-320.	9.0	10
27	Reduced graphene oxide nanosheets modified with plasmonic gold-based hybrid nanostructures and with magnetite (Fe ₃ O ₄) nanoparticles for cyclic voltammetric determination of arsenic(III). <i>Mikrochimica Acta</i> , 2019, 186, 226.	5.0	9
28	Engineering iron phosphide-on-plasmonic Ag/Au-nanoshells as an efficient cathode catalyst in water splitting for hydrogen production. <i>Energy</i> , 2021, 218, 119520.	8.8	9
29	The influence of impurities on the ductility and toughness of a low-temperature-aged U-Nb alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 739, 1-16.	5.6	8
30	Research progress of SERS on uranyl ions and uranyl compounds: a review. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4006-4018.	5.5	8
31	Facile and rapid fabrication of large-scale silver nanoparticles arrays with high SERS performance. <i>RSC Advances</i> , 2015, 5, 105820-105824.	3.6	7
32	Mechanism of surface uranium hydride formation during corrosion of uranium. <i>Npj Materials Degradation</i> , 2019, 3, .	5.8	7
33	Influences of pH Values™ Changes on the Oxide Film of U-0.79 wt.% Ti Alloy in Aqueous Solution™ A Combined Study of Traditional Electrochemical Tests and Scanning Reference Electrode Technique. <i>Coatings</i> , 2019, 9, 224.	2.6	3
34	Surface-enhanced Raman spectroscopy detection of uranium oxides assisted by Ag ₂ O. <i>Applied Surface Science</i> , 2022, 577, 151968.	6.1	3
35	Cloud point extraction associated with differential pulse voltammetry: preconcentration and determination of trace uranyl in natural water. <i>Analyst</i> , The, 2022, , .	3.5	1