Haoxi Wu

List of Publications by Year
in descending order

35 papers	2,430 citations	430874 18 h-index	361022 35 g-index
36 all docs	36 docs citations	36 times ranked	4699 citing authors

#	Article	IF	Citations
1	Surface-enhanced Raman spectroscopy detection of uranium oxides assisted by Ag2O. Applied Surface Science, 2022, 577, 151968.	6.1	3
2	Research progress of SERS on uranyl ions and uranyl compounds: a review. Journal of Materials Chemistry C, 2022, 10, 4006-4018.	5.5	8
3	Cloud point extraction associated with differential pulse voltammetry: preconcentration and determination of trace uranyl in natural water. Analyst, The, 2022, , .	3.5	1
4	Engineering iron phosphide-on-plasmonic Ag/Au-nanoshells as an efficient cathode catalyst in water splitting for hydrogen production. Energy, 2021, 218, 119520.	8.8	9
5	Gold nanoparticles based electrochemical sensor for sensitive detection of uranyl in natural water. Journal of Electroanalytical Chemistry, 2021, 880, 114884.	3.8	19
6	Flexible and adhesive tape decorated with silver nanorods for in-situ analysis of pesticides residues and colorants. Mikrochimica Acta, 2019, 186, 603.	5.0	26
7	Influences of pH Valuesâ€™ Changes on the Oxide Film of U-0.79 wt.% Ti Alloy in Aqueous Solutionâ€”A Combined Study of Traditional Electrochemical Tests and Scanning Reference Electrode Technique. Coatings, 2019, 9, 224.	2.6	3
8	Graphene Oxide Carburization Enhanced Ionization Efficiency for TIMS Isotope Ratio Analysis of Uranium at Trace Level. Analytical Chemistry, 2019, 91, 7215-7225.	6.5	11
9	Reduced graphene oxide nanosheets modified with plasmonic gold-based hybrid nanostructures and with magnetite (Fe3O4) nanoparticles for cyclic voltammetric determination of arsenic(III). Mikrochimica Acta, 2019, 186, 226.	5.0	9
10	The contribution of photoinduced charge-transfer enhancement to the SERS of uranyl(VI) in a uranyl-Ag2O complex. Science Bulletin, 2019, 64, 315-320.	9.0	10
11	Mechanism of surface uranium hydride formation during corrosion of uranium. Npj Materials Degradation, 2019, 3, .	5.8	7
12	Characterizations on the microstructure and micro-mechanics of cast Be-Al-0.4Sc-0.4Zr alloy prepared by vacuum induction melting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 744, 512-524.	5.6	14
13	The influence of impurities on the ductility and toughness of a low-temperature-aged U-Nb alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 739, 1-16.	5.6	8
14	HfO2-wrapped slanted Ag nanorods array as a reusable and sensitive SERS substrate for trace analysis of uranyl compounds. Sensors and Actuators B: Chemical, 2018, 265, 539-546.	7.8	16
15	Rapid and sensitive detection of uranyl ion with citrate-stabilized silver nanoparticles by the surface-enhanced Raman scattering technique. Royal Society Open Science, 2018, 5, 181099.	2.4	11
16	MOF derived iron oxide-based smart plasmonic Ag/Au hollow and porous nanoshells â€œultra-microelectrodesâ€•for ultra-sensitive detection of arsenic. Journal of Materials Chemistry A, 2018, 6, 16164-16169.	10.3	25
17	Self-assembly of silver nanoparticles as high active surface-enhanced Raman scattering substrate for rapid and trace analysis of uranyl(VI) ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 180, 23-28.	3.9	19
18	SERS detection and characterization of uranyl ion sorption on Âsilver nanorods wrapped with Al2O3 layers. Mikrochimica Acta, 2017, 184, 2775-2782.	5.0	25

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19	Free-Standing Monolayered Metallic Nanoparticle Networks as Building Blocks for Plasmonic Nanoelectronic Junctions. ACS Applied Materials & Interfaces, 2016, 8, 1594-1599.	8.0	14
20	Facile and rapid fabrication of large-scale silver nanoparticles arrays with high SERS performance. RSC Advances, 2015, 5, 105820-105824.	3.6	7
21	Smart Plasmonic Glucose Nanosensors as Generic Theranostic Agents for Targeting-Free Cancer Cell Screening and Killing. Analytical Chemistry, 2015, 87, 6868-6874.	6.5	37
22	Self-standing non-noble metal (Niâ€“Fe) oxide nanotube array anode catalysts with synergistic reactivity for high-performance water oxidation. Journal of Materials Chemistry A, 2015, 3, 7179-7186.	10.3	96
23	Ionic Liquid-Functionalized Fluorescent Carbon Nanodots and Their Applications in Electrocatalysis, Biosensing, and Cell Imaging. Langmuir, 2014, 30, 15016-15021.	3.5	51
24	Synthesis of thiolated Ag/Au bimetallic nanoclusters exhibiting an anti-galvanic reduction mechanism and composition-dependent fluorescence. Nanoscale, 2014, 6, 5449.	5.6	109
25	A Highâ€Performance Binary Niâ€“Co Hydroxideâ€based Water Oxidation Electrode with Threeâ€Dimensional Coaxial Nanotube Array Structure. Advanced Functional Materials, 2014, 24, 4698-4705.	14.9	348
26	Synthesis of Monodisperse Plasmonic Au Coreâ€“Pt Shell Concave Nanocubes with Superior Catalytic and Electrocatalytic Activity. ACS Catalysis, 2013, 3, 2045-2051.	11.2	74
27	In Situ Nanoplasmonic Probing of Enzymatic Activity of Monolayer-Confined Glucose Oxidase on Colloidal Nanoparticles. Analytical Chemistry, 2013, 85, 4546-4553.	6.5	47
28	A facile and general preparation of high-performance noble-metal-based free-standing nanomembranes by a reagentless interfacial self-assembly strategy. Nanoscale, 2012, 4, 6974.	5.6	11
29	Facile Synthesis of Freeâ€Standing Pdâ€Based Nanomembranes with Enhanced Catalytic Performance for Methanol/Ethanol Oxidation. Advanced Materials, 2012, 24, 1594-1597.	21.0	137
30	Enzymatic Plasmonic Engineering of Ag/Au Bimetallic Nanoshells and Their Use for Sensitive Optical Glucose Sensing. Advanced Materials, 2012, 24, 1736-1740.	21.0	128
31	Controlled synthesis of porous Ag/Au bimetallic hollow nanoshells with tunable plasmonic and catalytic properties. Nano Research, 2012, 5, 135-144.	10.4	108
32	Effects of fullerene solubility on the crystallization of poly(3-hexylthiophene) and performance of photovoltaic devices. Organic Electronics, 2009, 10, 1334-1344.	2.6	52
33	Oneâ€Step Ionicâ€Liquidâ€Assisted Electrochemical Synthesis of Ionicâ€Liquidâ€Functionalized Graphene Sheets Directly from Graphite. Advanced Functional Materials, 2008, 18, 1518-1525.	14.9	945
34	A versatile and â€œgreenâ€•electrochemical method for synthesis of copper and other transition metal oxide and hydroxide nanostructures. Materials Chemistry and Physics, 2008, 107, 511-517.	4.0	21
35	Controllable synthesis of metal hydroxide and oxide nanostructures by ionic liquids assisted electrochemical corrosion method. Solid State Sciences, 2008, 10, 1049-1055.	3.2	21