

Yun Zhang

List of Publications by Year in descending order

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29
papers

1,168
citations

448610

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docs citations

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times ranked

1929
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#	ARTICLE	IF	CITATIONS
1	Trimetallic Ag@Pt-Rh core-shell nanocubes modified anode for voltammetric sensing of dopamine and sulfanilamide. <i>Chemical Engineering Science</i> , 2022, 249, 117326.	1.9	8
2	Hollow Ag@Au-Rh core-frame nanocubes for electrochemical sensing and catalytic degradation of environmental pollutants. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 129, 118-127.	2.7	6
3	3D hydrangea-like Mn ₃ O ₄ @(PSS/PDDA/Pt) _n with ultrafine Pt nanoparticles modified anode for electrochemical oxidation of tetracycline. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 112, 240-250.	2.7	12
4	Ag Nanoframes Deposited on Au Films Generate Optical Cavities for Surface-Enhanced Raman Scattering. <i>ACS Applied Nano Materials</i> , 2020, 3, 5116-5122.	2.4	4
5	Defect-Assisted Deposition of Au on Ag for the Fabrication of Core-Shell Nanocubes with Outstanding Chemical and Thermal Stability. <i>Chemistry of Materials</i> , 2019, 31, 1057-1065.	3.2	17
6	Syntheses, Plasmonic Properties, and Catalytic Applications of Ag@Rh Core-Frame Nanocubes and Rh Nanoboxes with Highly Porous Walls. <i>Chemistry of Materials</i> , 2018, 30, 2151-2159.	3.2	39
7	Thiazole Orange-Modified Carbon Dots for Ratiometric Fluorescence Detection of G-Quadruplex and Double-Stranded DNA. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25166-25173.	4.0	49
8	Rational design and synthesis of bifunctional metal nanocrystals for probing catalytic reactions by surface-enhanced Raman scattering. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5353-5362.	2.7	25
9	Observing the Overgrowth of a Second Metal on Silver Cubic Seeds in Solution by Surface-Enhanced Raman Scattering. <i>ACS Nano</i> , 2017, 11, 5080-5086.	7.3	34
10	Pt@Ag cubic nanocages with wall thickness less than 2 nm and their enhanced catalytic activity toward oxygen reduction. <i>Nanoscale</i> , 2017, 9, 15107-15114.	2.8	39
11	Enriching Silver Nanocrystals with a Second Noble Metal. <i>Accounts of Chemical Research</i> , 2017, 50, 1774-1784.	7.6	81
12	Preparation of graphene nano-sheet bonded PDA/MOF microcapsules with immobilized glucose oxidase as a mimetic multi-enzyme system for electrochemical sensing of glucose. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3695-3702.	2.9	96
13	Facile one-pot assembly of adhesive phenol/Fe ^{III} /PEI complexes for preparing magnetic hybrid microcapsules. <i>New Journal of Chemistry</i> , 2016, 40, 781-788.	1.4	14
14	Novel N-doped CNTs stabilized Cu ₂ O nanoparticles as adsorbent for enhancing removal of Malachite Green and tetrabromobisphenol A. <i>Chemical Engineering Journal</i> , 2016, 292, 326-339.	6.6	73
15	Ultrasensitive electrochemical sensing of dopamine using reduced graphene oxide sheets decorated with p-toluenesulfonate-doped polypyrrole/Fe ₃ O ₄ nanospheres. <i>Mikrochimica Acta</i> , 2016, 183, 1145-1152.	2.5	31
16	Preparation of a novel TETA functionalized magnetic PGMA nano-adsorbent by ATRP method and used for highly effective adsorption of Hg(II). <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 58, 283-289.	2.7	31
17	Influence of solution chemistry on heavy metals removal by bioadsorbent tea waste modified by poly(vinyl alcohol). <i>Desalination and Water Treatment</i> , 2015, 53, 2134-2143.	1.0	7
18	Facile synthesis of monodisperse functional magnetic dialdehyde starch nano-composite and used for highly effective recovery of Hg(II). <i>Chemosphere</i> , 2015, 141, 26-33.	4.2	36

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19	Magnetic Fe ₃ O ₄ @MOFs decorated graphene nanocomposites as novel electrochemical sensor for ultrasensitive detection of dopamine. RSC Advances, 2015, 5, 98260-98268.	1.7	67
20	Sorption enhancement of TBBPA from water by fly ash-supported nanostructured β -MnO ₂ . Journal of Industrial and Engineering Chemistry, 2015, 21, 610-619.	2.9	50
21	Removal of Cd (II) by polystyrene-base chelating resins: adsorption properties and experiences of industrial wastewater treatment. Desalination and Water Treatment, 2014, 52, 6481-6491.	1.0	5
22	Enhanced removal of Pb ²⁺ from water by adsorption onto phosphoric acid-modified PS-EDTA resin: mechanism and kinetic study. Desalination and Water Treatment, 2013, 51, 7223-7235.	1.0	4
23	Efficient Removal of Hg(II) by Polymer-Supported Hydrated Metal Oxides from Aqueous Solution. Separation Science and Technology, 2012, 47, 729-741.	1.3	7
24	Preparation and characterization of immobilized [A336][MTBA] in PVA- α -alginate gel beads as novel solid-phase extractants for an efficient recovery of Hg (II) from aqueous solutions. Journal of Hazardous Materials, 2011, 196, 201-209.	6.5	45
25	Preparation and adsorption performance of a novel bipolar PS-EDTA resin in aqueous phase. Journal of Hazardous Materials, 2010, 180, 98-105.	6.5	69
26	Characterization and adsorption mechanism of Zn ²⁺ removal by PVA/EDTA resin in polluted water. Journal of Hazardous Materials, 2010, 178, 1046-1054.	6.5	81
27	Selective removal for Pb ²⁺ in aqueous environment by using novel macroreticular PVA beads. Journal of Hazardous Materials, 2010, 181, 898-907.	6.5	46
28	Study on adsorption mechanism of Pb(II) and Cu(II) in aqueous solution using PS-EDTA resin. Chemical Engineering Journal, 2010, 163, 364-372.	6.6	93
29	Nature of surface bonding on voltammetrically oxidized noble metals in aqueous media as probed by real-time surface-enhanced Raman spectroscopy. The Journal of Physical Chemistry, 1993, 97, 8656-8663.	2.9	99