

Yu-Ting Tseng

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,110
citations

516710

16
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1971
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly of Antimicrobial Peptides on Gold Nanodots: Against Multidrug-Resistant Bacteria and Wound-Healing Application. <i>Advanced Functional Materials</i> , 2015, 25, 7189-7199.	14.9	249
2	Fluorescent Gold Nanodots Based Sensor Array for Proteins Discrimination. <i>Analytical Chemistry</i> , 2015, 87, 4253-4259.	6.5	115
3	Selective Colorimetric Detection of Hydrogen Sulfide Based on Primary Amine-Active Ester Cross-Linking of Gold Nanoparticles. <i>Analytical Chemistry</i> , 2015, 87, 7267-7273.	6.5	105
4	Logic Control of Enzyme-Like Gold Nanoparticles for Selective Detection of Lead and Mercury Ions. <i>Analytical Chemistry</i> , 2014, 86, 2065-2072.	6.5	104
5	Antibacterial cellulose paper made with silver-coated gold nanoparticles. <i>Scientific Reports</i> , 2017, 7, 3155.	3.3	64
6	Copper Sulfide Nanoassemblies for Catalytic and Photoresponsive Eradication of Bacteria from Infected Wounds. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 7865-7878.	8.0	43
7	Gold-Nanoparticles-Modified Cellulose Membrane Coupled with Laser Desorption/Ionization Mass Spectrometry for Detection of Iodide in Urine. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9161-9166.	8.0	42
8	Tuning the photoluminescence of metal nanoclusters for selective detection of multiple heavy metal ions. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128539.	7.8	38
9	The effect of ligand-ligand interactions on the formation of photoluminescent gold nanoclusters embedded in Au(<i>thiolate</i>) ⁺ supramolecules. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 12085-12093.	2.8	34
10	Detection of Arsenic(III) through Pulsed Laser-Induced Desorption/Ionization of Gold Nanoparticles on Cellulose Membranes. <i>Analytical Chemistry</i> , 2014, 86, 3167-3173.	6.5	32
11	A mass spectrometry-based immunosensor for bacteria using antibody-conjugated gold nanoparticles. <i>Chemical Communications</i> , 2012, 48, 8712.	4.1	30
12	Preparation of highly luminescent mannose-gold nanodots for detection and inhibition of growth of <i>Escherichia coli</i> . <i>Biosensors and Bioelectronics</i> , 2011, 27, 95-100.	10.1	29
13	Capping 1,3-propanedithiol to boost the antibacterial activity of protein-templated copper nanoclusters. <i>Journal of Hazardous Materials</i> , 2020, 389, 121821.	12.4	26
14	Self-Assembled Chiral Gold Supramolecules with Efficient Laser Absorption for Enantiospecific Recognition of Carnitine. <i>Analytical Chemistry</i> , 2018, 90, 7283-7291.	6.5	25
15	Photoluminescent gold nanodots: role of the accessing ligands. <i>RSC Advances</i> , 2014, 4, 33629.	3.6	24
16	Synthesis and fluorescent properties of N(9)-alkylated 2-amino-6-triazolylpurines and 7-deazapurines. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 474-489.	2.2	19
17	Ultrasound-mediated modulation of the emission of gold nanodots. <i>Nanoscale</i> , 2016, 8, 5162-5169.	5.6	18
18	Self-redox reaction driven in situ formation of Cu ₂ O/Ti ₃ C ₂ T _x nanosheets boost the photocatalytic eradication of multi-drug resistant bacteria from infected wound. <i>Journal of Nanobiotechnology</i> , 2022, 20, 235.	9.1	17

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19	Satellite-like Gold Nanocomposites for Targeted Mass Spectrometry Imaging of Tumor Tissues. <i>Nanotheranostics</i> , 2017, 1, 141-153.	5.2	15
20	Mesoporous manganese oxide/manganese ferrite nanopopcorns with dual enzyme mimic activities: A cascade reaction for selective detection of ketoses. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 75-85.	9.4	15
21	Importance of Cobalt-Doping for the Preparation of Hollow CuBr/Co@CuO Nanocorals on Copper Foils with Enhanced Electrocatalytic Activity and Stability for Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9794-9802.	6.7	13
22	Photoassisted photoluminescence fine-tuning of gold nanodots through free radical-mediated ligand-assembly. <i>Nanoscale</i> , 2016, 8, 9771-9779.	5.6	11
23	Controlling morphology evolution of titanium oxide@gold nanourchin for photocatalytic degradation of dyes and photoinactivation of bacteria in the infected wound. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 260-273.	9.4	11
24	Catalytic and photoresponsive BiZn/Cu ₂ S heterojunctions with surface vacancies for the treatment of multidrug-resistant clinical biofilm-associated infections. <i>Nanoscale</i> , 2021, 13, 18632-18646.	5.6	9
25	Screening of synthetic cannabinoids in herbal mixtures using 1-dodecanethiol-gold nanoclusters. <i>Sensors and Actuators B: Chemical</i> , 2022, 353, 131151.	7.8	8