

Hong-Wei Li

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

944
citations

471371

17
h-index

454834

30
g-index

40
all docs

40
docs citations

40
times ranked

1231
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-assisted synthesis of BSA-protected small gold nanoclusters and their fluorescence-enhanced sensing of silver(i) ions. <i>Nanoscale</i> , 2012, 4, 2251.	2.8	177
2	Fluorescence-Enhanced Sensing Mechanism of BSA-Protected Small Gold-Nanoclusters to Silver(I) Ions in Aqueous Solutions. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16159-16165.	1.5	80
3	The construction of a FRET assembly by using gold nanoclusters and carbon dots and their application as a ratiometric probe for cysteine detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 327-335.	4.0	68
4	Inner Filter Effect-Based Sensor for Horseradish Peroxidase and Its Application to Fluorescence Immunoassay. <i>ACS Sensors</i> , 2018, 3, 183-190.	4.0	67
5	Self-Assembly of an Europium-Containing Polyoxometalate and the Arginine/Lysine-Rich Peptides from Human Papillomavirus Capsid Protein L1 in Forming Luminescence-Enhanced Hybrid Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8321-8328.	1.5	42
6	Polyethyleneimine capped bimetallic Au/Pt nanoclusters are a viable fluorescent probe for specific recognition of chlortetracycline among other tetracycline antibiotics. <i>Mikrochimica Acta</i> , 2018, 185, 294.	2.5	39
7	Regulation on the aggregation-induced emission (AIE) of DNA-templated silver nanoclusters by BSA and its hydrolysates. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 577-584.	5.0	36
8	Gold-Platinum Bimetallic Nanoclusters for Oxidase-like Catalysis. <i>ACS Applied Nano Materials</i> , 2020, 3, 9318-9328.	2.4	33
9	Hydrothermal synthesis of polyethylenimine-protected high luminescent Pt-nanoclusters and their application to the detection of nitroimidazoles. <i>Analytica Chimica Acta</i> , 2017, 958, 51-58.	2.6	31
10	Specific and sensitive detection of Plasmodium falciparum lactate dehydrogenase by DNA-scaffolded silver nanoclusters combined with an aptamer. <i>Analyst</i> , The, 2017, 142, 800-807.	1.7	26
11	Thermally prepared ultrabright adenosine monophosphate capped gold nanoclusters and the intrinsic mechanism. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3550-3556.	2.9	26
12	Combination of a graphene SERS substrate and magnetic solid phase micro-extraction used for the rapid detection of trace illegal additives. <i>Analyst</i> , The, 2018, 143, 883-890.	1.7	25
13	Selective Binding of Amino Acids on Europium-Substituted Polyoxometalates and the Interaction-Induced Luminescent Enhancement Effect. <i>ChemPlusChem</i> , 2014, 79, 1208-1213.	1.3	21
14	A Two-Step Binding Process of Eu-Containing Polyoxometalates to Bovine Serum Albumin. <i>Langmuir</i> , 2015, 31, 10888-10896.	1.6	21
15	The Two-Step Assemblies of Basic Amino Acid-Rich Peptide with a Highly Charged Polyoxometalate. <i>Chemistry - A European Journal</i> , 2015, 21, 9028-9033.	1.7	20
16	Synthesis of bovine serum albumin-protected high fluorescence Pt ₁₆ -nanoclusters and their application to detect sulfide ions in solutions. <i>Nanotechnology</i> , 2016, 27, 425602.	1.3	20
17	Hydrothermal synthesis of novel photosensitive gold and silver bimetallic nanoclusters protected by adenosine monophosphate (AMP). <i>Journal of Materials Chemistry C</i> , 2017, 5, 9979-9985.	2.7	20
18	Expanding Toolbox of Imageable Protein-Gold Hybrid Materials. <i>Chemistry of Materials</i> , 2017, 29, 8440-8448.	3.2	17

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19	Heteroatom doping and supramolecular assembly promoted copper nanoclusters to be a stable & high fluorescence sensor for trace amounts of ATP determination. <i>Sensors and Actuators B: Chemical</i> , 2022, 358, 131469.	4.0	17
20	Fluorescent Properties of Morin in Aqueous Solution: A Conversion from Aggregation Causing Quenching (ACQ) to Aggregation Induced Emission Enhancement (AIEE) by Polyethyleneimine Assembly. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000198.	2.0	16
21	Polyvinyl Alcohol-Supported AuAgNCs@CDs Film as a Selective Sensor for Gas Hydrogen Sulfide Detection in Air. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000120.	2.0	14
22	An azo-coupling reaction-based surface enhanced resonance Raman scattering approach for ultrasensitive detection of salbutamol. <i>RSC Advances</i> , 2018, 8, 5536-5541.	1.7	13
23	Co-assembly of HPV capsid proteins and aggregation-induced emission fluorogens for improved cell imaging. <i>Nanoscale</i> , 2020, 12, 5501-5506.	2.8	13
24	Controlled preparation and application of glutathione capped gold and platinum alloy nanoclusters with high peroxidase-like activity. <i>Journal of Materials Science and Technology</i> , 2022, 109, 140-146.	5.6	13
25	A two-stage assembly with PEI induced emission enhancement of Au@AgNCs@AMP and the intrinsic mechanism. <i>Nanoscale</i> , 2018, 10, 14563-14569.	2.8	11
26	Glutathione protected bimetallic gold-platinum nanoclusters with near-infrared emission for ratiometric determination of silver ions. <i>Mikrochimica Acta</i> , 2021, 188, 50.	2.5	10
27	Strong red-emitting gold nanoclusters protected by glutathione <i>S</i> -transferase. <i>Nanoscale</i> , 2018, 10, 23141-23148.	2.8	9
28	A novel fluorescence probe of Plasmodium vivax lactate dehydrogenase based on adenosine monophosphate protected bimetallic nanoclusters. <i>Talanta</i> , 2020, 213, 120850.	2.9	9
29	Aggregation-induced emission enhancement of adenosine monophosphate-capped bimetallic nanoclusters by aluminum(III) ions, and its application to the fluorometric determination of cysteine. <i>Mikrochimica Acta</i> , 2020, 187, 41.	2.5	8
30	A highly selective and sensitive fluorescent probe for lactate dehydrogenase based on ultrabright adenosine monophosphate capped gold nanoclusters. <i>RSC Advances</i> , 2017, 7, 13438-13443.	1.7	7
31	A Fluorescence Probe Based on Biomolecule-stabilized Gold Nanoclusters for the Detection of Pazufloxacin Mesilate. <i>Analytical Sciences</i> , 2014, 30, 817-822.	0.8	6
32	Cell receptor screening for human papillomavirus invasion by using a polyoxometalate-peptide assembly as a probe. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 407-414.	5.0	6
33	Influence of pressure on the structure and luminescence properties of AMP-protected gold nanoparticles as revealed by fluorescence spectra and 2D correlation analysis. <i>Journal of Molecular Structure</i> , 2020, 1214, 128173.	1.8	4
34	Development of cytidine 5'-monophosphate-protected gold-nanoclusters to be a direct luminescent substrate via aggregation-induced emission enhancement for ratiometric determination of alkaline phosphatase and inhibitor evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 640, 128423.	2.3	4
35	The capsid assembly-induced luminescence enhancement (AILE) of DNA-protected silver nanoclusters and an <i>in situ</i> application. <i>New Journal of Chemistry</i> , 2018, 42, 17492-17498.	1.4	3
36	A sustainable luminescence-enhanced tri-assembly of polyoxometalate-peptide-polyamine developed for ultrasensitive spermine determination and discrimination. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 212, 112379.	2.5	3

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37	Synergistic TME-manipulation effects of a molybdenum-based polyoxometalate enhance the PTT effects on cancer cells. <i>New Journal of Chemistry</i> , 2022, 46, 6932-6939.	1.4	3
38	Transformable protein-gold hybrid materials serve as supramolecular vehicles for gene delivery. <i>RSC Advances</i> , 2017, 7, 51252-51256.	1.7	2
39	Red-emitting p53-protected gold nanoclusters and their screening of anti-tumor agents from Chinese medicine. <i>RSC Advances</i> , 2017, 7, 34276-34282.	1.7	2
40	Tumor Microenvironments-Adaptive Apoptotic Effects of Cytidine 5'-monophosphate-Capped Gold Nanoclusters. <i>ACS Applied Bio Materials</i> , 2022, 5, 3452-3460.	2.3	2