Yuqing Wu

List of Publications by Year in descending order

62 papers	1,384 citations	411340 20 h-index	406436 35 g-index
62 all docs	62 docs citations	62 times ranked	1929 citing authors

#	Article	IF	Citations
1	Controlled preparation and application of glutathione capped gold and platinum alloy nanoclusters with high peroxidase-like activity. Journal of Materials Science and Technology, 2022, 109, 140-146.	5.6	13
2	Heteroatom doping and supramolecular assembly promoted copper nanoclusters to be a stable & high fluorescence sensor for trace amounts of ATP determination. Sensors and Actuators B: Chemical, 2022, 358, 131469.	4.0	17
3	Differentiation of ethanolâ€“water clusters in Fenjiu by two-dimensional correlation fluorescence and Raman spectra. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 271, 120856.	2.0	7
4	Development of cytidine 5â€²-monophosphate-protected gold-nanoclusters to be a direct luminescent substrate via aggregation-induced emission enhancement for ratiometric determination of alkaline phosphatase and inhibitor evaluation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 640, 128423.	2.3	4
5	A sustainable luminescence-enhanced tri-assembly of polyoxometalate-peptide-polyamine developed for ultrasensitive spermine determination and discrimination. Colloids and Surfaces B: Biointerfaces, 2022, 212, 112379.	2.5	3
6	Synergistic TME-manipulation effects of a molybdenum-based polyoxometalate enhance the PTT effects on cancer cells. New Journal of Chemistry, 2022, 46, 6932-6939.	1.4	3
7	Synergistically enhanced photothermal transition of a polyoxometalate/peptide assembly improved the antibiofilm and antibacterial activities. Soft Matter, 2022, , .	1.2	4
8	A Visual Discrimination of Existing States of Virus Capsid Protein by a Giant Molybdate Cluster. Nanomaterials, 2022, 12, 736.	1.9	2
9	Tumor Microenvironments-Adaptive Apoptotic Effects of Cytidine 5â€²-monophosphate-Capped Gold Nanoclusters. ACS Applied Bio Materials, 2022, 5, 3452-3460.	2.3	2
10	Gold nanoclusters fluorescence probe for monitoring chloramphenicol and study of two-dimensional correlation fluorescence spectroscopy. Journal of Molecular Structure, 2021, 1223, 128875.	1.8	12
11	Glutathione protected bimetallic gold-platinum nanoclusters with near-infrared emission for ratiometric determination of silver ions. Mikrochimica Acta, 2021, 188, 50.	2.5	10
12	Hydrolysis of Extracellular ATP by Vascular Smooth Muscle Cells Transdifferentiated into Chondrocytes Generates Pi but Not PPi. International Journal of Molecular Sciences, 2021, 22, 2948.	1.8	8
13	A hybrid HPV capsid protein L1 with giant Mo-containing polyoxometalate improves the stability of virus-like particles and the anti-tumor effect of [Mo154]. Biomaterials Science, 2021, 9, 3875-3883.	2.6	10
14	Aggregation-induced emission enhancement of adenosine monophosphate-capped bimetallic nanoclusters by aluminum(III) ions, and its application to the fluorometric determination of cysteine. Mikrochimica Acta, 2020, 187, 41.	2.5	8
15	Goldâ€“Platinum Bimetallic Nanoclusters for Oxidase-like Catalysis. ACS Applied Nano Materials, 2020, 3, 9318-9328.	2.4	33
16	Polyvinyl Alcoholâ€“Supported AuAgNCsâ€CDs Film as a Selective Sensor for Gas Hydrogen Sulfide Detection in Air. Macromolecular Rapid Communications, 2020, 41, e2000120.	2.0	14
17	Fluorescent Properties of Morin in Aqueous Solution: A Conversion from Aggregation Causing Quenching (ACQ) to Aggregation Induced Emission Enhancement (AIEE) by Polyethyleneimine Assembly. Macromolecular Rapid Communications, 2020, 41, e2000198.	2.0	16
18	The inhibitory properties of acidic functionalised calix[4]arenes on human papillomavirus pentamer formation. Supramolecular Chemistry, 2020, 32, 345-353.	1.5	2

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19	A novel fluorescence probe of Plasmodium vivax lactate dehydrogenase based on adenosine monophosphate protected bimetallic nanoclusters. Talanta, 2020, 213, 120850.	2.9	9
20	Influence of pressure on the structure and luminescence properties of AMP-protected gold nanoparticles as revealed by fluorescence spectra and 2D correlation analysis. Journal of Molecular Structure, 2020, 1214, 128173.	1.8	4
21	Co-assembly of HPV capsid proteins and aggregation-induced emission fluorogens for improved cell imaging. Nanoscale, 2020, 12, 5501-5506.	2.8	13
22	A novel ratiometric fluorescence probe for highly sensitive and specific detection of chlorotetracycline among tetracycline antibiotics. Analytica Chimica Acta, 2019, 1089, 144-151.	2.6	52
23	Highly sensitive detection of the human papillomavirus E6 protein by DNA-protected silver nanoclusters and the intrinsic mechanism. New Journal of Chemistry, 2019, 43, 14944-14951.	1.4	4
24	Anti-virus reagents targeting the capsid protein assembly. Journal of Materials Chemistry B, 2019, 7, 3331-3340.	2.9	2
25	Advancements of two dimensional correlation spectroscopy in protein researches. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 197, 185-193.	2.0	11
26	The construction of a FRET assembly by using gold nanoclusters and carbon dots and their application as a ratiometric probe for cysteine detection. Sensors and Actuators B: Chemical, 2018, 263, 327-335.	4.0	68
27	Hybrid Assembly toward Enhanced Thermal Stability of Virus-like Particles and Antibacterial Activity of Polyoxometalates. ACS Applied Materials & Interfaces, 2018, 10, 6137-6145.	4.0	42
28	An azo-coupling reaction-based surface enhanced resonance Raman scattering approach for ultrasensitive detection of salbutamol. RSC Advances, 2018, 8, 5536-5541.	1.7	13
29	Combination of a graphene SERS substrate and magnetic solid phase micro-extraction used for the rapid detection of trace illegal additives. Analyst, The, 2018, 143, 883-890.	1.7	25
30	Cell receptor screening for human papillomavirus invasion by using a polyoxometalate-peptide assembly as a probe. Journal of Colloid and Interface Science, 2018, 514, 407-414.	5.0	6
31	Two-dimensional correlation spectroscopy in protein science, a summary for past 20 years. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 189, 291-299.	2.0	21
32	Disperse magnetic solid phase microextraction and surface enhanced Raman scattering (Dis-MSPME-SERS) for the rapid detection of trace illegally chemicals. Talanta, 2018, 178, 498-506.	2.9	22
33	High-affinity binding with specific peptides endows EuW₁₀a good luminescence probe for HPV E6 detection. New Journal of Chemistry, 2018, 42, 17339-17345.	1.4	6
34	Strong red-emitting gold nanoclusters protected by glutathione S-transferase. Nanoscale, 2018, 10, 23141-23148.	2.8	9
35	The capsid assembly-induced luminescence enhancement (AILE) of DNA-protected silver nanoclusters and anin situapplication. New Journal of Chemistry, 2018, 42, 17492-17498.	1.4	3
36	A two-stage assembly with PEI induced emission enhancement of Auâ€“AgNCs@AMP and the intrinsic mechanism. Nanoscale, 2018, 10, 14563-14569.	2.8	11

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37	Polyethyleneimine capped bimetallic Au/Pt nanoclusters are a viable fluorescent probe for specific recognition of chlortetracycline among other tetracycline antibiotics. Mikrochimica Acta, 2018, 185, 294.	2.5	39
38	Specific and sensitive detection of Plasmodium falciparum lactate dehydrogenase by DNA-scaffolded silver nanoclusters combined with an aptamer. Analyst, The, 2017, 142, 800-807.	1.7	26
39	Hydrothermal synthesis of polyethylenimine-protected high luminescent Pt-nanoclusters and their application to the detection of nitroimidazoles. Analytica Chimica Acta, 2017, 958, 51-58.	2.6	31
40	A highly selective and sensitive fluorescent probe for lactate dehydrogenase based on ultrabright adenosine monophosphate capped gold nanoclusters. RSC Advances, 2017, 7, 13438-13443.	1.7	7
41	Thermally prepared ultrabright adenosine monophosphate capped gold nanoclusters and the intrinsic mechanism. Journal of Materials Chemistry B, 2017, 5, 3550-3556.	2.9	26
42	Biocompatible supramolecular dendrimers bearing a gadolinium-substituted polyanionic core for MRI contrast agents. Journal of Materials Chemistry B, 2017, 5, 4035-4043.	2.9	22
43	Regulation on the aggregation-induced emission (AIE) of DNA-templated silver nanoclusters by BSA and its hydrolysates. Journal of Colloid and Interface Science, 2017, 505, 577-584.	5.0	36
44	Hydrothermal synthesis of novel photosensitive gold and silver bimetallic nanoclusters protected by adenosine monophosphate (AMP). Journal of Materials Chemistry C, 2017, 5, 9979-9985.	2.7	20
45	Red-emitting p53-protected gold nanoclusters and their screening of anti-tumor agents from Chinese medicine. RSC Advances, 2017, 7, 34276-34282.	1.7	2
46	Enantioselective Inhibition of Human Papillomavirus L1 Pentamer Formation by Chiralâ€Proline Modified Calix[4]arenes: Targeting the Protein Interface. ChemistrySelect, 2016, 1, 6243-6249.	0.7	5
47	Controlled Hybrid-Assembly of HPV16/18 L1 Bi VLPs in Vitro. ACS Applied Materials & Interfaces, 2016, 8, 34244-34251.	4.0	7
48	Potential applications of polyoxometalates for the discrimination of human papillomavirus in different subtypes. Dalton Transactions, 2016, 45, 15457-15463.	1.6	12
49	Synthesis of bovine serum albumin-protected high fluorescence Pt₁₆-nanoclusters and their application to detect sulfide ions in solutions. Nanotechnology, 2016, 27, 425602.	1.3	20
50	A fluorescence-enhanced inorganic probe to detect the peptide and capsid protein of human papillomavirus in vitro. RSC Advances, 2016, 6, 28612-28618.	1.7	11
51	The Twoâ€Step Assemblies of Basicâ€Aminoâ€Acidâ€Rich Peptide with a Highly Charged Polyoxometalate. Chemistry - A European Journal, 2015, 21, 9028-9033.	1.7	20
52	Peptidic Inhibitors for in Vitro Pentamer Formation of Human Papillomavirus Capsid Protein L1. ACS Medicinal Chemistry Letters, 2015, 6, 381-385.	1.3	10
53	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. Journal of Physical Chemistry C, 2015, 119, 8321-8328.	1.5	42
54	Efficient inhibition of human papillomavirus 16 L1 pentamer formation by a carboxylatopillarene and a p-sulfonatocalixarene. Chemical Communications, 2014, 50, 3201.	2.2	73

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55	The critical residues of helix 5 for in vitro pentamer formation and stability of the papillomavirus capsid protein, L1. Molecular BioSystems, 2014, 10, 724-727.	2.9	8
56	A Fluorescence Probe Based on Biomolecule-stabilized Gold Nanoclusters for the Detection of Pazufloxacin Mesilate. Analytical Sciences, 2014, 30, 817-822.	0.8	6
57	Fluorescence-Enhanced Sensing Mechanism of BSA-Protected Small Gold-Nanoclusters to Silver(I) Ions in Aqueous Solutions. Journal of Physical Chemistry C, 2013, 117, 16159-16165.	1.5	80
58	In vitro monitoring of the formation of pentamers from the monomer of GST fused HPV 16 L1. Chemical Communications, 2013, 49, 8546.	2.2	13
59	Microwave-assisted synthesis of BSA-protected small gold nanoclusters and their fluorescence-enhanced sensing of silver(i) ions. Nanoscale, 2012, 4, 2251.	2.8	177
60	Interaction of Synthetic HPV-16 Capsid Peptides with Heparin: Thermodynamic Parameters and Binding Mechanism. Journal of Physical Chemistry B, 2010, 114, 9854-9861.	1.2	22
61	Pressure Effect on the Hydration Properties of Poly(N-isopropylacrylamide) in Aqueous Solution Studied by FTIR Spectroscopy. Macromolecules, 2005, 38, 8923-8928.	2.2	106
62	Two-Dimensional Infrared Spectroscopy and Principle Component Analysis Studies of the Secondary Structure and Kinetics of Hydrogenâ^'Deuterium Exchange of Human Serum Albumin. Journal of Physical Chemistry B, 2001, 105, 6251-6259.	1.2	74