Hongliang Tan

List of Publications by Year in descending order

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Ηονεμανς Ταν

#	Article	IF	CITATIONS
1	Integrated enzyme with stimuli-responsive coordination polymer for personal glucose meter-based portable immunoassay. Analytica Chimica Acta, 2022, 1207, 339774.	5.4	2
2	Hydrogel microreactor integrated double cascade reactions for synergistic bacterial inactivation and wound disinfection. Chemical Engineering Journal, 2022, 442, 136153.	12.7	7
3	Visual detection of alkaline phosphatase based on ascorbic acid-triggered gel-sol transition of alginate hydrogel. Analytica Chimica Acta, 2021, 1148, 238193.	5.4	10
4	Fluorescent enzyme-linked immunosorbent assay based on alkaline phosphatase-responsive coordination polymer composite. Mikrochimica Acta, 2021, 188, 263.	5.0	8
5	Hybrid hydrogel reactor with metal–organic framework for biomimetic cascade catalysis. Chemical Engineering Journal, 2021, 425, 131482.	12.7	16
6	Cascade amplified colorimetric immunoassay based on an integrated multifunctional composite with catalytic coordination polymers for prostate specific antigen detection. Journal of Materials Chemistry B, 2020, 8, 10662-10669.	5.8	8
7	Time-Resolved Fluorescence Detection of Superoxide Anions Based on an Enzyme-Integrated Lanthanide Coordination Polymer Composite. ACS Applied Materials & Interfaces, 2020, 12, 30882-30889.	8.0	27
8	A turn-on fluorescent assay for glucose detection based on carbon dots/manganese dioxide assembly. Microchemical Journal, 2020, 158, 105266.	4.5	10
9	Self-Assembled FRET Nanoprobe with Metal–Organic Framework As a Scaffold for Ratiometric Detection of Hypochlorous Acid. Analytical Chemistry, 2020, 92, 3447-3454.	6.5	102
10	A Colorimetric Immunoassay Based on Coordination Polymer Composite for the Detection of Carcinoembryonic Antigen. ACS Applied Materials & Interfaces, 2019, 11, 43031-43038.	8.0	52
11	Pyrophosphate ion-responsive alginate hydrogel as an effective fluorescent sensing platform for alkaline phosphatase detection. Chemical Communications, 2019, 55, 11450-11453.	4.1	34
12	Cascadeâ€Amplified Timeâ€Resolved Fluorescent Assay Driven by an Enzymeâ€Integrated Catalytic Compartment as an Artificial Multiâ€Enzyme Complex. Chemistry - A European Journal, 2019, 25, 9629-9633.	3.3	14
13	Terbium (III) coordination polymer–copper (II) compound as fluorescent probe for timeâ€resolved fluorescence â€~turnâ€on' detection of hydrogen sulfide. Luminescence, 2018, 33, 161-167.	2.9	14
14	Colorimetric logic gate for alkaline phosphatase based on copper (II)-based metal-organic frameworks with peroxidase-like activity. Analytica Chimica Acta, 2018, 1004, 74-81.	5.4	129
15	Ratiometric detection of hydroxy radicals based on functionalized europium(III) coordination polymers. Mikrochimica Acta, 2018, 185, 9.	5.0	15
16	Pyrophosphate ion-triggered competitive displacement of ssDNA from a metal–organic framework and its application in fluorescent sensing of alkaline phosphatase. Journal of Materials Chemistry B, 2018, 6, 7614-7620.	5.8	19
17	Colorimetric determination of mercury(II) via the inhibition by ssDNA of the oxidase-like activity of a mixed valence state cerium-based metal-organic framework. Mikrochimica Acta, 2018, 185, 475.	5.0	51
18	Integrated Antibody with Catalytic Metal–Organic Framework for Colorimetric Immunoassay. ACS Applied Materials & Interfaces, 2018, 10, 25113-25120.	8.0	96

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19	Luminescent lanthanide coordination polymer as a platform for DNA colorimetric detection. Sensors and Actuators B: Chemical, 2017, 244, 571-576.	7.8	19
20	A terbium(<scp>iii</scp>)-based coordination polymer for time-resolved determination of hydrogen sulfide in human serum via displacement of copper(<scp>ii</scp>). Analytical Methods, 2017, 9, 1004-1010.	2.7	17
21	Copper (II)-mediated fluorescence of lanthanide coordination polymers doped with carbon dots for ratiometric detection of hydrogen sulfide. Sensors and Actuators B: Chemical, 2017, 253, 27-33.	7.8	54
22	Heterogeneous multi-compartmental hydrogel particles as synthetic cells for incompatible tandem reactions. Nature Communications, 2017, 8, 663.	12.8	126
23	Dual-emissive polystyrene@zeolitic imidazolate framework-8 composite for ratiometric detection of singlet oxygen. Journal of Materials Chemistry B, 2017, 5, 9175-9182.	5.8	25
24	Ratiometric fluorescent detection of superoxide anion with polystyrene@nanoscale coordination polymers. Sensors and Actuators B: Chemical, 2017, 238, 938-944.	7.8	17
25	Lanthanide/nucleotide coordination polymers: an excellent host platform for encapsulating enzymes and fluorescent nanoparticles to enhance ratiometric sensing. Journal of Materials Chemistry B, 2017, 5, 7692-7700.	5.8	48
26	Core–shell structured nanocomposites Ag@CeO ₂ as catalysts for hydrogenation of 4-nitrophenol and 2-nitroaniline. RSC Advances, 2016, 6, 47966-47973.	3.6	45
27	Magnetic porous carbon nanocomposites derived from metal-organic frameworks as a sensing platform for DNA fluorescent detection. Analytica Chimica Acta, 2016, 940, 136-142.	5.4	54
28	Colorimetric detection of hydrogen sulfide based on terbium-G-quadruplex-hemin DNAzyme. Sensors and Actuators B: Chemical, 2016, 237, 795-801.	7.8	16
29	A turn on fluorescent sensor based on lanthanide coordination polymer nanoparticles for the detection of mercury(<scp>ii</scp>) in biological fluids. RSC Advances, 2016, 6, 17811-17817.	3.6	45
30	Luminescence detection of cysteine based on Ag+-mediated conformational change of terbium ion-promoted G-quadruplex. Analytica Chimica Acta, 2016, 908, 161-167.	5.4	16
31	A Green Strategy to Prepare Metal Oxide Superstructure from Metal-Organic Frameworks. Scientific Reports, 2015, 5, 8401.	3.3	54
32	Conformation, Bioactivity and Electrochemical Performance of Glucose Oxidase Immobilized on Surface of Gold Nanoparticles. Electrochimica Acta, 2015, 158, 56-63.	5.2	37
33	Ratiometric fluorescent detection of biomakers for biological warfare agents with carbon dots chelated europium-based nanoscale coordination polymers. Sensors and Actuators B: Chemical, 2015, 221, 586-592.	7.8	74
34	A simple and rapid colorimetric method for the determination of Mn2+ based on pyrophosphate modified silver nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 478, 1-6.	4.7	14
35	Carbon coated magnetite nanoparticles with improved water-dispersion and peroxidase-like activity for colorimetric sensing of glucose. Sensors and Actuators B: Chemical, 2015, 215, 86-92.	7.8	69
36	CeO _x -modified RhNi nanoparticles grown on rGO as highly efficient catalysts for complete hydrogen generation from hydrazine borane and hydrazine. Journal of Materials Chemistry A, 2015, 3, 23520-23529.	10.3	125

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37	Surfactant-mediated morphology and fluorescent properties of amino acids-based lanthanide coordination polymers. RSC Advances, 2015, 5, 68781-68787.	3.6	2
38	A sensitive fluorescent assay for thiamine based on metal-organic frameworks with intrinsic peroxidase-like activity. Analytica Chimica Acta, 2015, 856, 90-95.	5.4	104
39	Lanthanide based dual-emission fluorescent probe for detection of mercury (II) in milk. Biosensors and Bioelectronics, 2015, 63, 566-571.	10.1	60
40	Binding characteristics and interactive region of 2â€phenylpyrazolo[1,5â€ <i>c</i>]quinazoline with DNA. Luminescence, 2014, 29, 1141-1147.	2.9	12
41	Lanthanide-functionalized silver nanoparticles for detection of an anthrax biomarker and test paper fabrication. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	24
42	pH-Switchable Electrochemical Sensing Platform based on Chitosan-Reduced Graphene Oxide/Concanavalin A Layer for Assay of Glucose and Urea. Analytical Chemistry, 2014, 86, 1980-1987.	6.5	81
43	Metal–Organic Frameworkâ€Derived Copper Nanoparticle@Carbon Nanocomposites as Peroxidase Mimics for Colorimetric Sensing of Ascorbic Acid. Chemistry - A European Journal, 2014, 20, 16377-16383.	3.3	203
44	Hierarchical nanocomposites of Co3O4/polyaniline nanowire arrays/reduced graphene oxide sheets for amino acid detection. Sensors and Actuators B: Chemical, 2014, 203, 864-872.	7.8	25
45	Functionalized lanthanide coordination polymer nanoparticles for selective sensing of hydrogen peroxide in biological fluids. Analyst, The, 2014, 139, 5516-5522.	3.5	39
46	A novel nonenzymatic hydrogen peroxide sensor based on three-dimensional porous Ni foam modified with a Pt electrocatalyst. Analytical Methods, 2014, 6, 235-241.	2.7	32
47	Metal organic framework-derived anthill-like Cu@carbon nanocomposites for nonenzymatic glucose sensor. Analytical Methods, 2014, 6, 1550.	2.7	71
48	Terbium(III) based coordination polymer microparticles as a luminescent probe for ascorbic acid. Mikrochimica Acta, 2014, 181, 1431-1437.	5.0	21
49	Nanoscaled lanthanide/nucleotide coordination polymer for detection of an anthrax biomarker. Sensors and Actuators B: Chemical, 2014, 190, 621-626.	7.8	82
50	Effect of particle size on conformation and enzymatic activity of EcoRI adsorbed on CdS nanoparticles. Colloids and Surfaces B: Biointerfaces, 2014, 114, 269-276.	5.0	4
51	A terbium chelate based fluorescent assay for alkaline phosphatase in biological fluid. Sensors and Actuators B: Chemical, 2014, 202, 683-689.	7.8	41
52	Electrochemical Sensing and Biosensing Platform Based on Biomass-Derived Macroporous Carbon Materials. Analytical Chemistry, 2014, 86, 1414-1421.	6.5	202
53	Three-Dimensional Kenaf Stem-Derived Porous Carbon/MnO2 for High-Performance Supercapacitors. Electrochimica Acta, 2014, 135, 380-387.	5.2	71
54	Determination of tetracycline in milk by using nucleotide/lanthanide coordination polymer-based ternary complex. Biosensors and Bioelectronics, 2013, 50, 447-452.	10.1	138

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55	Effects of the Electrostatic Repulsion Between Nanoparticles on Colorimetric Sensing: An Investigation of Determination of Hg2+ with Silver Nanoparticles. Plasmonics, 2013, 8, 705-713.	3.4	16
56	Visual detection of silver(I) ions by a chromogenic reaction catalyzed by gold nanoparticles. Mikrochimica Acta, 2013, 180, 331-339.	5.0	34
57	Upconversion nanoparticle-based fluorescence resonance energy transfer assay for Cr(III) ions in urine. Analytica Chimica Acta, 2013, 761, 178-185.	5.4	64
58	Terbium-Based Coordination Polymer Nanoparticles for Detection of Ciprofloxacin in Tablets and Biological Fluids. ACS Applied Materials & Interfaces, 2013, 5, 11791-11796.	8.0	67
59	Prussian blue nanocubes on nitrobenzene-functionalized reduced graphene oxide and its application for H2O2 biosensing. Electrochimica Acta, 2013, 114, 223-232.	5.2	52
60	Luminescence Nucleotide/Eu ³⁺ Coordination Polymer Based on the Inclusion of Tetracycline. Journal of Physical Chemistry C, 2012, 116, 2292-2296.	3.1	53
61	Lanthanide Coordination Polymer Nanoparticles for Sensing of Mercury(II) by Photoinduced Electron Transfer. ACS Nano, 2012, 6, 10505-10511.	14.6	235
62	Detection of biothiols in cells by a terbium chelate-Hg (II) system. Journal of Biomedical Optics, 2012, 17, 017001.	2.6	8
63	Silver nanoparticle enhanced fluorescence of europium (III) for detection of tetracycline in milk. Sensors and Actuators B: Chemical, 2012, 173, 262-267.	7.8	148
64	Ag+-enhanced fluorescence of lanthanide/nucleotide coordination polymers and Ag+ sensing. Chemical Communications, 2011, 47, 12373.	4.1	90
65	Detection of mercury ions (Hg2+) in urine using a terbium chelate fluorescent probe. Sensors and Actuators B: Chemical, 2011, 156, 120-125.	7.8	64