

Wen-Juan Ruan

List of Publications by Year in descending order

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42
papers

1,182
citations

430874

18
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377865

34
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43
all docs

43
docs citations

43
times ranked

1798
citing authors

#	ARTICLE	IF	CITATIONS
1	Two luminescent metal-organic frameworks for the sensing of nitroaromatic explosives and DNA strands. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2213-2220.	10.3	247
2	Synthesis and characterization of axial coordination cobalt(III) complexes containing chiral Salen ligands. <i>Polyhedron</i> , 2003, 22, 1535-1545.	2.2	109
3	Metal-organic framework-based fluorescent sensing of tetracycline-type antibiotics applicable to environmental and food analysis. <i>Analyst</i> , 2019, 144, 1916-1922.	3.5	102
4	Two coordination polymers with enhanced ligand-centered luminescence and assembly imparted sensing ability for acetone. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9469.	10.3	78
5	Luminescent MOF nanosheets for enzyme assisted detection of H ₂ O ₂ and glucose and activity assay of glucose oxidase. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 443-448.	7.8	59
6	Coordination Polymer Nanoarchitecture for Nitroaromatic Sensing by Static Quenching Mechanism. <i>Journal of Physical Chemistry C</i> , 2015, 119, 28544-28550.	3.1	58
7	A nanoscale Fe(II) metal-organic framework with a bipyridinedicarboxylate ligand as a high performance heterogeneous Fenton catalyst. <i>RSC Advances</i> , 2016, 6, 6756-6760.	3.6	38
8	A white-light-emitting single MOF sensor-based array for berberine homologue discrimination. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1433-1439.	5.5	36
9	Solvent induced rapid modulation of micro/nano structures of metal carboxylates coordination polymers: mechanism and morphology dependent magnetism. <i>Scientific Reports</i> , 2014, 4, 6023.	3.3	32
10	A dual-emissive MOF for the simultaneous detection of tetrachlorobenzoquinone isomers in their mixtures. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8626-8633.	5.5	31
11	Spectroscopy, NMR and DFT studies on molecular recognition of crown ether bridged chiral heterotrimeric Zn(II) complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 886-895.	3.9	30
12	A polypyridyl-pyrene based off-on Cd ²⁺ fluorescent sensor for aqueous phase analysis and living cell imaging. <i>Talanta</i> , 2014, 128, 278-283.	5.5	25
13	MOF based fluorescent assay of xanthine oxidase for rapid inhibitor screening with real-time kinetics monitoring. <i>Talanta</i> , 2018, 183, 83-88.	5.5	24
14	Metal-organic frameworks based fluorescent sensor array for discrimination of flavonoids. <i>Talanta</i> , 2019, 203, 248-254.	5.5	24
15	A luminescent MOF as a fluorescent sensor for the sequential detection of Al ³⁺ and phenylpyruvic acid. <i>New Journal of Chemistry</i> , 2020, 44, 1307-1312.	2.8	23
16	A barium based coordination polymer for the activity assay of deoxyribonuclease I. <i>Chemical Communications</i> , 2014, 50, 11177.	4.1	21
17	Luminescent Metal-Organic Framework-Based Label-Free Assay of Polyphenol Oxidase with Fluorescent Scan. <i>Chemistry - A European Journal</i> , 2017, 23, 6562-6569.	3.3	20
18	Pyrene-based MOFs as fluorescent sensors for PAHs: an energetic pathway of the backbone structure effect on response. <i>Dalton Transactions</i> , 2019, 48, 5705-5712.	3.3	20

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19	An Fe(^{II}) metal-organic framework as a visible responsive photo-Fenton catalyst for the degradation of organophosphates. <i>New Journal of Chemistry</i> , 2018, 42, 29-33.	2.8	18
20	Two hexaazatriphenylene based selective off-on fluorescent chemsensors for cadmium(II). <i>Talanta</i> , 2014, 119, 632-638.	5.5	16
21	Enzyme-Assisted Metal-Organic Framework Sensing System for Diethylstilbestrol Detection. <i>Chemistry - A European Journal</i> , 2017, 23, 15498-15504.	3.3	16
22	Two hexaazatriphenylene-pyrene based Hg ²⁺ fluorescent chemosensors applicable for test paper detection. <i>New Journal of Chemistry</i> , 2015, 39, 2429-2432.	2.8	15
23	Zn porphyrin based nano-/microscale metal-organic frameworks: morphology dependent sensitization and photocatalytic oxathiolane deprotection. <i>RSC Advances</i> , 2016, 6, 26199-26202.	3.6	15
24	C2-symmetrical hexaazatriphenylene derivatives as colorimetric and ratiometric fluorescence chemsensors for Zn ²⁺ . <i>Talanta</i> , 2013, 108, 150-156.	5.5	13
25	Synthesis, crystal structures, and properties of copper complexes with tripodal ligands and azide anion. <i>Journal of Chemical Crystallography</i> , 2004, 34, 119-125.	1.1	11
26	One-pot synthesis of monodisperse Zn coordination polymer micro/nanostructures and their transformation to mesoporous ZnO photocatalysts. <i>RSC Advances</i> , 2014, 4, 25160.	3.6	11
27	Anticancer effect and mechanism of a Se-modified porphyrin Au(III) complex. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3592-3596.	2.2	11
28	Ultrasensitive Assay of Alkaline Phosphatase Based on the Fluorescent Response Difference of the Metal-Organic Framework Sensor. <i>ACS Omega</i> , 2020, 5, 712-717.	3.5	11
29	An anionic-ligand installed pyrene-based MOF for the fluorescence detection of paraquat. <i>New Journal of Chemistry</i> , 2021, 45, 4401-4407.	2.8	11
30	Study on the Molecular Recognition of β -CD-ZnT(o-BocThr)APP toward Imidazole Derivatives and Amino Acid Esters. <i>Chinese Journal of Chemistry</i> , 2005, 23, 1381-1386.	4.9	9
31	Fe-pyridinedicarboxylate based coordination polymer nanorods as a heterogeneous Fenton catalyst for pollutant degradation. <i>RSC Advances</i> , 2016, 6, 68227-68230.	3.6	8
32	Binuclear Transition Metal Complexes of Unsymmetrical Tetradentate Schiff Base Ligands. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2003, 33, 1011-1023.	0.6	6
33	Molecular Recognition of Chiral Zinc Porphyrin with Amino Acid Esters. <i>Chinese Journal of Chemistry</i> , 2005, 23, 44-49.	4.9	5
34	Dual-emissive dye@MOF composite for ratiometric detection and discrimination of two isomers of tetrachlorobenzenediol. <i>New Journal of Chemistry</i> , 2020, 44, 20871-20877.	2.8	5
35	Spectroscopic and theoretical studies on axial coordination of bis(pyrrol-2-ylmethyleneamine)phenyl complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 191-198.	3.9	4
36	Thermodynamic study of axial coordination reaction of zinc porphyrin with metal Schiff base and imidazole complex. <i>Chinese Journal of Chemistry</i> , 2010, 17, 438-447.	4.9	4

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37	Porous NiO architecture prepared with coordination polymer precursor as a high performance anode material for Li-ion batteries. RSC Advances, 2015, 5, 89269-89272.	3.6	4
38	CD Spectroscopic Study on the Molecular Recognition of Chiral Salen-Metal Complexes. Chinese Journal of Chemistry, 2003, 21, 751-755.	4.9	3
39	Synthesis, Characterization and Weak Intramolecular Interactions of Porphyrins Bearing Nucleobases. Chinese Journal of Chemistry, 2003, 21, 1451-1457.	4.9	3
40	Molecular Recognition of Porphyrin-Salen Compound towards N-Heterocyclic-guests. Chinese Journal of Chemistry, 2006, 24, 1031-1036.	4.9	2
41	Synthesis, characterization and cd spectra studies of chiral calixsalen complexes. Chinese Journal of Chemistry, 2001, 19, 1296-1301.	4.9	2
42	Benzotrithiophene-based MOFs: interchromophoric interactions affected Ln(III) crystallization selectivity and optoelectronic properties. Dalton Transactions, 2021, 50, 17228-17234.	3.3	2