

Jaurusup Boonmak

List of Publications by Year in descending order

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times ranked

1398
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#	ARTICLE	IF	CITATIONS
1	Isopimarane-type diterpenoids from the rhizomes of <i>Kaempferia galanga</i> L. and their biological activities. <i>Natural Product Research</i> , 2023, 37, 1106-1115.	1.8	4
2	A Water-Stable Lanthanide-Based MOF as a Highly Sensitive Sensor for the Selective Detection of Paraquat in Agricultural Products. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2761-2771.	6.7	40
3	Ligand-driven self-assembly of iodine-based Cd(II) complexes via dissolution-recrystallization structural transformation. <i>CrystEngComm</i> , 2022, 24, 4800-4808.	2.6	2
4	Polymorphism in the metal-organic hybrid (PhCH ₂ NEt ₃) ₂ [CoBr ₄]: Synthesis, crystal structures and physico-chemical characterizations. <i>Inorganica Chimica Acta</i> , 2021, 514, 119997.	2.4	12
5	Turn-on fluorescent probe towards glyphosate and Cr ³⁺ based on Cd(II)-metal organic framework with Lewis basic sites. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 977-988.	6.0	27
6	Sonochemical synthesis of a trinuclear Cu(II) complex with open coordination sites for the differentiable optical detection of volatile amines. <i>RSC Advances</i> , 2021, 11, 12218-12226.	3.6	8
7	Synthesis, characterization and anticancer activity of Fe(II) and Fe(III) complexes containing N-(8-quinolyl)salicylalimine Schiff base ligands. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 327-339.	2.6	19
8	ent-Clerodane diterpenoids from the stems of <i>Croton krabas</i> . <i>F3-toterap3-t3</i> , 2021, 152, 104912.	2.2	5
9	Dual mode in a metal-organic framework based mixed matrix membrane for discriminative detection of amines: Vapoluminescent and vapochromic response. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130066.	7.8	14
10	Anti-inflammatory and anti-proliferative activities of chemical constituents from fungus <i>Biscogniauxia whalleyi</i> SWUF13-085. <i>Phytochemistry</i> , 2021, 191, 112908.	2.9	7
11	pH modulated luminescent switching and discriminative detection of amino acid based on metal-organic framework. <i>Analytica Chimica Acta</i> , 2021, 1187, 339157.	5.4	7
12	Coexistence of Naked-Eye Mechanochromism, Vapochromism, and Thermochromism in a Soft Crystalline Layered Nickel(II) Coordination Polymer. <i>Inorganic Chemistry</i> , 2021, 60, 18242-18250.	4.0	13
13	Chemical constituents and cytotoxic activity from the wood-decaying fungus <i>Xylaria</i> sp. SWUF08-37. <i>Natural Product Research</i> , 2020, 34, 464-473.	1.8	7
14	Dual Function Based on Switchable Colorimetric Luminescence for Water and Temperature Sensing in Two-Dimensional Metal-Organic Framework Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 41776-41784.	8.0	41
15	Bifunctional Dinuclear Complexes Based on Iminodiacetate and 1,2-Di(4-pyridyl)ethylene: Crystal Structures, Vapochromism, and Iodine Adsorption. <i>Crystal Growth and Design</i> , 2020, 20, 7439-7449.	3.0	9
16	Self-calibrating sensor with logic gate operation for anthrax biomarker based on nanoscaled bimetallic lanthanoid MOF. <i>Sensors and Actuators B: Chemical</i> , 2020, 316, 128156.	7.8	59
17	Sonochemical synthesis of microscale Zn(II)-MOF with dual Lewis basic sites for fluorescent turn-on detection of Al ³⁺ and methanol with low detection limits. <i>Dalton Transactions</i> , 2020, 49, 10240-10249.	3.3	35
18	A luminescent sensor based on zinc(II) 1D chain coordination polymer for effective acetone detection. <i>Polyhedron</i> , 2020, 180, 114437.	2.2	8

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19	A Solid-State Luminescent Cd(II) Supramolecular Coordination Framework Based on Mixed Luminophores as a Sensor for Discriminatively Selective Detection of Amine Vapors. <i>Inorganic Chemistry</i> , 2020, 59, 6176-6186.	4.0	20
20	Lithium-Templated Formation of Polyhedral Oligomeric Silsesquioxanes (POSS). <i>Inorganic Chemistry</i> , 2019, 58, 15110-15117.	4.0	29
21	Sonochemical Synthesis of Carbon Dots/Lanthanoid MOFs Hybrids for White Light-Emitting Diodes with High Color Rendering. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44421-44429.	8.0	64
22	Spiroaxillarone A, a Symmetric Spirobisnaphthalene with an Original Skeleton from <i>Cyanotis axillar</i> . <i>Organic Letters</i> , 2019, 21, 8344-8348.	4.6	31
23	Catalytic and biological valorization of a supramolecular mononuclear copper complex based 4-aminopyridine. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4793.	3.5	15
24	Highly selective Cr ₂ O ₇ ²⁻ removal in aqueous medium by using a flexible 2D metal-organic framework through single-crystal-to-single-crystal transformation. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102998.	6.7	10
25	Ultrasonic-Assisted Synthesis of a Zn(II) Coordination Polymer in Aqueous Media and Its High-Performance Luminescent Sensing for 2,4,6-Trinitrophenol. <i>Crystal Growth and Design</i> , 2019, 19, 2139-2148.	3.0	26
26	Highly sensitive and selective fluorescent sensor based on a multi-responsive ultrastable amino-functionalized Zn(II)-MOF for hazardous chemicals. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 403-413.	7.8	83
27	Chemical constituents and cytotoxic activity from <i>Xylaria</i> spp. fungi. <i>Planta Medica</i> , 2019, 85, .	1.3	1
28	Effect of N-donor linkers on dye adsorption efficiency based on isostructure cobalt(II) coordination polymers. <i>Inorganica Chimica Acta</i> , 2018, 479, 172-178.	2.4	12
29	New limonophyllines A-C from the stem of <i>Atalantia monophylla</i> and cytotoxicity against cholangiocarcinoma and HepG2 cell lines. <i>Archives of Pharmacal Research</i> , 2018, 41, 431-437.	6.3	8
30	Structural diversity, single-crystal to single-crystal transformation and photocatalytic properties of Cu(II)-metal-organic frameworks based on 1,4-phenylenedipropionic acid. <i>Inorganica Chimica Acta</i> , 2018, 469, 11-19.	2.4	13
31	Three-dimensional organometallic thallium(I) supramolecular polymer nanostructures synthesized with sonochemical process. <i>Ultrasonics Sonochemistry</i> , 2018, 41, 11-16.	8.2	10
32	The crystal structure and photocatalytic properties of a cobalt(II) coordination polymer based on 4,4'-oxy(bis)benzoic acid. <i>Inorganic Chemistry Communication</i> , 2018, 88, 21-24.	3.9	7
33	Effect of pH on the charge-assisted hydrogen-bonded assembly of the anionic [Cu(oxalate) ₂] ²⁻ building unit and N ⁺ , N ⁺ -ditopic cations. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 300-306.	0.5	3
34	Copper(II) coordination polymers containing neutral trinuclear or anionic dinuclear building units based on pyrazole-3,5-dicarboxylate: Synthesis, structures and magnetic properties. <i>Polyhedron</i> , 2017, 126, 8-16.	2.2	15
35	Imidazolylmethylpyrene sensor for dual optical detection of explosive chemical: 2,4,6-Trinitrophenol. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 665-673.	7.8	45
36	Bicyclic lactones and racemic mixtures of dimeric styrylpyrones from the leaves of <i>Milisia velutina</i> . <i>RSC Advances</i> , 2017, 7, 25285-25297.	3.6	19

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37	Solid-state mechanochemical conversion of one-dimensional pencil shaped sodium coordination polymer nanorods to corrugated tape silver coordination polymer nanoparticles. <i>Inorganic Chemistry Communication</i> , 2017, 82, 6-10.	3.9	9
38	Anion-dependent self-assembly of copper coordination polymers based on pyrazole-3,5-dicarboxylate and 1,2-di(4-pyridyl)ethylene. <i>Dalton Transactions</i> , 2017, 46, 4806-4815.	3.3	17
39	Thermally Induced Single-Crystal-to-Single-Crystal Transformation and Heterogeneous Catalysts for Epoxidation Reaction of Co(II) Based Metal-Organic Frameworks Containing 1,4-Phenylenediacetic Acid. <i>Crystal Growth and Design</i> , 2017, 17, 1824-1835.	3.0	15
40	Bioactive Lupane and Hopane Triterpenes from <i>Lepisanthes senegalensis</i> . <i>Planta Medica</i> , 2017, 83, 334-340.	1.3	7
41	Similar to what occurs in biological systems; irreversible replacement of potassium with thallium in coordination polymer nanostructures. <i>Polyhedron</i> , 2016, 118, 6-11.	2.2	18
42	Ni(II)-metal-organic frameworks based on 1,4-phenylenedipropionic acid: Solvothermal syntheses, structures, and photocatalytic properties. <i>Polyhedron</i> , 2016, 119, 151-159.	2.2	17
43	A new lumazine peptide penilumamide E from the fungus <i>Aspergillus terreus</i> . <i>Natural Product Research</i> , 2016, 30, 1017-1024.	1.8	25
44	Structural diversity and luminescent properties of cyanoacetato zinc/cadmium coordination polymers with N,N'-ditopic auxiliary ligands. <i>Polyhedron</i> , 2015, 102, 693-698.	2.2	4
45	Crystal structure of $(\frac{1}{4}$ -N-allylthiourea- μ_2 :S)bis[$\frac{1}{4}$ -bis(diphenylphosphanyl)methane- μ_2 :P]bis[bromidocopper(I)] acetonitrile disolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1081-1084.	0.5	0
46	Water-induced dynamic crystal-to-amorphous transformation of cobalt(II) coordination and supramolecular frameworks containing benzene-1,2,4,5-tetracarboxylic acid and trans-1-(2-pyridyl)-2-(4-pyridyl)ethylene ligands. <i>Polyhedron</i> , 2015, 102, 593-599.	2.2	2
47	A novel one-dimensional metal-organic framework with a $\frac{1}{4}$ -cyanido-argentate group: catena-poly[[$(5,5$ -dimethyl- $2,2$ -bipyridyl- μ_2 N,N')silver(I)]- $\frac{1}{4}$ -cyanido- μ_2 N:C]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 1057-1061.	0.5	0
48	A Series of Cyanoacetato Copper(II) Coordination Polymers with Various N,N'-Ditopic Spacers: Structural Diversity, Supramolecular Robustness, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2015, 15, 3804-3812.	3.0	9
49	Homogeneous and heterogeneous catalysts of organopalladium functionalized-polyhedral oligomeric silsesquioxanes for Suzuki-Miyaura reaction. <i>Journal of Catalysis</i> , 2015, 332, 62-69.	6.2	34
50	Synthesis, crystal structure and luminescent properties of three new zinc/cadmium coordination polymers containing cyanoacetate and 1,2-di(4-pyridyl)ethylene. <i>Inorganica Chimica Acta</i> , 2015, 437, 11-15.	2.4	7
51	Flexible metal supramolecular framework of 2D cobalt(II) coordination polymer with water-induced reversible crystal-to-amorphous transformation. <i>Inorganic Chemistry Communication</i> , 2014, 44, 111-113.	3.9	7
52	Synthesis, crystal structure and water-induced reversible crystal-to-amorphous transformation property of $[\text{Co}_2(2,4\text{-pydc})_2(\text{bpa})(\text{H}_2\text{O})_6](\text{H}_2\text{O})_2$. <i>Inorganic Chemistry Communication</i> , 2014, 40, 59-61.	3.9	14
53	Tuning the nuclearity of iron polynuclear clusters by using tetradentate Schiff-base ligands. <i>New Journal of Chemistry</i> , 2014, 38, 2105-2113.	2.8	13
54	Spin Canting and Metamagnetism in 2D and 3D Cobalt(II) Coordination Networks with Alternating Double End-On and Double End-to-End Azido Bridges. <i>Inorganic Chemistry</i> , 2011, 50, 7324-7333.	4.0	68

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55	Structural diversity and magnetic properties in 1D and 2D azido-bridged cobalt(II) complexes with 1,2-bis(2-pyridyl)ethylene. Dalton Transactions, 2011, 40, 1254-1260.	3.3	23
56	Water-induced reversible structural phase transformation with chromotropism in metal supramolecular frameworks containing aminopyrazine and sulfate anions. Dalton Transactions, 2010, 39, 8161.	3.3	25
57	Series of Copper(II) Coordination Polymers Containing Aminopyrazine and Different Carboxylate Bridges: Syntheses, Structures and Magnetic Properties. Crystal Growth and Design, 2009, 9, 3318-3326.	3.0	37
58	Polynuclear copper(II) carboxylates with 2,2'-bipyridine or 1,10-phenanthroline: Synthesis, characterization, X-ray structures and magnetism. Inorganic Chemistry Communication, 2008, 11, 1231-1235.	3.9	24