

Mohamed M El-Bendary

List of Publications by Year in descending order

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34
papers

755
citations

471371
17
h-index

526166
27
g-index

34
all docs

34
docs citations

34
times ranked

610
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of methylene blue by catalytic and photo-catalytic processes catalyzed by the organotin-polymer $3\text{[}(\text{Me}_3\text{Sn})_4\text{Fe}(\text{CN})_6\text{]}$. <i>Applied Catalysis B: Environmental</i> , 2012, 126, 326-333.	10.8	72
2	Three-dimensional coordination polymers based on trimethyltin cation with nicotinic and isonicotinic acids as anticancer agents. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4066.	1.7	51
3	Metal-organic frameworks based on silver (I) and nitrogen donors as new corrosion inhibitors for copper in HCl solution. <i>Journal of Molecular Liquids</i> , 2016, 213, 228-234.	2.3	49
4	In vitro and in vivo antitumor activity of novel 3D-organotin supramolecular coordination polymers based on CuCN and pyridine bases. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1668-1676.	0.8	48
5	Structure, characterization and inhibition activity of new metal-organic framework. <i>Corrosion Science</i> , 2011, 53, 3657-3665.	3.0	47
6	Structure, Characterization and Anti-Corrosion Activity of the New Metal-Organic Framework $[\text{Ag}(\text{qox})(4\text{-ab})]$. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011, 21, 327-335.	1.9	47
7	A Mixed Valence Copper Cyanide 3D-supramolecular Coordination Polymer Containing 1,10-Phenanthroline Ligand as a Potential Antitumor Agent, Effective Catalyst and Luminescent Material. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2011, 21, 662-672.	1.9	47
8	3D-supramolecular copper(I) cyanide coordination polymers through hydrogen bonding. <i>Polyhedron</i> , 2009, 28, 2385-2390.	1.0	38
9	Metal-Organic Framework Constructed by Copper(I) Cyanide and Ethyl Isonicotinate Through Hydrogen Bonding. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010, 20, 739-745.	1.9	29
10	Self-assembly of coordination polymers constructed from CuCN and unidentate pyridine bases. <i>Journal of Materials Science</i> , 2010, 45, 1307-1314.	1.7	27
11	A new metal-organic framework based on cadmium thiocyanate and 6-methylequinoline as corrosion inhibitor for copper in 1 M HCl solution. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2017, 53, 937-949.	0.3	25
12	A new organometallic complex based on the trimethyltin cation and 2,6-pyridinedicarboxylic acid as a potential anticancer agent. <i>Polyhedron</i> , 2015, 87, 383-389.	1.0	21
13	Ultrasound Assisted High-Throughput Synthesis of 1,2,3-Triazoles Libraries: A New Strategy for "Click" Copper-Catalyzed Azide-Alkyne Cycloaddition Using Copper(I/II) as a Catalyst. <i>Catalysis Letters</i> , 2018, 148, 3797-3810.	1.4	21
14	Structure and applications of metal-organic framework based on cyanide and 3,5-dichloropyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 110, 304-310.	2.0	20
15	Silver(I) 3-D-supramolecular coordination frameworks constructed by the combination of coordination bonds and supramolecular interactions. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1038-1051.	0.8	18
16	Cd(II) supramolecular coordination polymer incorporating pyrazine-2-carboxylic acid: Crystal structure, spectral characteristics and catalytic activity. <i>Journal of Luminescence</i> , 2018, 199, 232-239.	1.5	18
17	Structure and Catalytic Activity of New Metal-Organic Frameworks Based on Copper Cyanide and Quinoline Bases. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 810-816.	0.6	17
18	New Coordination Complexes of Cd(II) and Co(II) with Ethyl Isonicotinate Used for Catalytic Degradation of Acid Blue 92 Dye. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1391-1404.	1.9	16

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19	Synthesis and structure characterization of Pt(IV) and Cd(II) 1,10-phenanthroline complexes; fluorescence, antitumor and photocatalytic property. <i>Journal of Molecular Structure</i> , 2019, 1192, 230-240.	1.8	16
20	Cluster type molecule as novel corrosion inhibitor for steel in HCl solution. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2013, 49, 113-123.	0.3	15
21	Structure and applications of organotin complex based on trimethyltin cation and quinaldic acid. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4152.	1.7	15
22	The Influence of Copper-Copper Interaction on the Structure and Applications of a Metal-Organic Framework Based on Cyanide and 3-Chloropyridine. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 510-518.	1.9	14
23	Hydrogen bonded 3D-network of silver and 2,6-pyridinedicarboxylic acid complex: Structure and applications. <i>Journal of Molecular Structure</i> , 2018, 1173, 7-16.	1.8	14
24	Structure and catalytic activity of a penta-silver supramolecular cluster through hydrogen bonding and 2,2'-bipyridine. <i>Inorganica Chimica Acta</i> , 2015, 435, 167-173.	1.2	13
25	Crystal structure, characterization and catalytic activities of Cu(II) coordination complexes with 8-hydroxyquinoline and pyrazine-2-carboxylic acid. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4213.	1.7	13
26	Structure characterization and antitumor activity of palladium pseudo halide complexes with 4-acetylpyridine. <i>Journal of Coordination Chemistry</i> , 2019, 72, 3088-3101.	0.8	11
27	Synthesis and structural characterization of a palladium complex as an anticancer agent, and a highly efficient and reusable catalyst for the Heck coupling reaction under ultrasound irradiation: A convenient sustainable green protocol. <i>Polyhedron</i> , 2021, 194, 114924.	1.0	6
28	Synthesis, characterization, and biological activity of Cd(II) and Mn(II) coordination polymers based on pyridine-2,6-dicarboxylic acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017, 43, 320-330.	0.3	5
29	Structure, Characterizations and Corrosion Inhibition of New Coordination Polymer Based on Cadmium Azide and Nicotinate Ligand. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2018, 54, 689-699.	0.3	5
30	Potential Anticancer Activities and Catalytic Oxidation Efficiency of Platinum(IV) Complex. <i>Molecules</i> , 2022, 27, 4406.	1.7	5
31	Activity of Mixed Valence Copper Cyanide Metal-Organic Framework in the Oxidation of 3,5-di-Tert-Butylcatechol with Hydrogen Peroxide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 664-670.	1.9	4
32	Synthesis and Structure Characterizations of Coordination Polymers Based on Silver(I) and Nitrogen Donors. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 702-711.	1.9	4
33	Host-guest nanosized coordination complexes based on Ag-isonicotinic acid 2 O and Ni-4,4'-bipyridine-aminobenzoic acid 2 O as potentially active anticancer and antimicrobial agents. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6235.		3
34	Spectral Characteristics and Applications of Metal-Organic Frameworks Based on Copper Cyanide and Quinoline Bases. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1278-1287.	0.6	1