

Hammed H A M Hassan

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

265
citations

933447
10
h-index

940533
16
g-index

27
all docs

27
docs citations

27
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and assessment of poly(5-nitro-2-aminophenol) as a new scaling inhibitor to control the precipitation of CaCO ₃ and CaSO ₄ in solution. Journal of Polymer Research, 2022, 29, .	2.4	4
2	Assessment of self-doped poly (5-nitro-2-orthanilic acid) as a scaling inhibitor to control the precipitation of CaCO ₃ and CaSO ₄ in solution. Scientific Reports, 2022, 12, .	3.3	2
3	Water-soluble sulfonated polyaniline as multifunctional scaling inhibitor for crystallization control in industrial applications. Chemical Engineering Research and Design, 2021, 169, 135-141.	5.6	14
4	Synthesis, molecular modeling, TDâ€œDFT, antimicrobial, and in vitro therapeutic activity of new spherical nanoâ€œsized sulfonamide imine ligands and their zinc (II) and copper (II) complexes. Applied Organometallic Chemistry, 2020, 34, e5953.	3.5	3
5	Nanometerâ€œsized, rodâ€œlike, ligandâ€œcontaining tryptophan complexes: Anion influenceâ€œstructural geometryâ€œantitumor activity correlations. Applied Organometallic Chemistry, 2020, 34, e5679.	3.5	1
6	Novel Grafted/Crosslinked Cellulose Acetate Membrane with N-isopropylacrylamide/N,N-methylenebisacrylamide for Water Desalination. Scientific Reports, 2020, 10, 9901.	3.3	19
7	Synthesis, thermal and optical properties of nanosized polyamides containing <i>N</i>-phenyl- and <i>N</i>-naphthyl-<i>s</i>-triazine rings: Structure-properties correlation. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 105-117.	2.2	5
8	Synthesis, thermal and optical properties of new nanosized polyamides containing <i>N</i>-phenyl- and <i>O</i>-naphthyl-<i>s</i>-triazine rings; part 2. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 742-755.	2.2	4
9	Synthesis and Characterization of Thermally Stable Ring-Shaped Nanosized Aramides Containing Pendant Substituted Arylamide: Structure-Properties Correlation. Journal of Macromolecular Science - Pure and Applied Chemistry, 2015, 52, 912-924.	2.2	2
10	Metal complexes of the nanosized ligand N-benzoyl-Nâ€œ2-(p-amino phenyl) thiourea: Synthesis, characterization, antimicrobial activity and the metal uptake capacity of its ligating resin. Journal of Molecular Structure, 2015, 1100, 530-545.	3.6	26
11	Synthesis, characterization and antioxidant evaluation of metal complexes derived from a dianil ligand with a flexible linkage: anomalous magnetic behavior of the nickel complex. Transition Metal Chemistry, 2015, 40, 643-655.	1.4	15
12	Synthesis and biological evaluation of new nanosized aromatic polyamides containing amido- and sulfonamidopyrimidines pendant structures. Chemistry Central Journal, 2015, 9, 44.	2.6	7
13	Structureâ€œproperty relationship studies of copper(I) complexes of nanosized hypodentate ligands and evaluation of their antitumor and antimicrobial activities. Journal of Coordination Chemistry, 2015, 68, 241-260.	2.2	14
14	New sulfonated aramide nanoparticles and their copper complexes with anomalous dielectric behavior. Journal of Applied Polymer Science, 2013, 128, 310-321.	2.6	8
15	Synthesis and characterization of thermally stable aromatic polyamides and poly(1,3,4-oxadiazole-amide)s nanoparticles containing pendant substituted bezamides. Chemistry Central Journal, 2013, 7, 13.	2.6	26
16	Antimicrobial and antitumor activity of platinum and palladium complexes of novel spherical aramides nanoparticles containing flexibilizing linkages: Structureâ€œproperty relationship. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 103, 232-245.	3.9	42
17	Synthesis and Thermal Properties of Novel Polyamides Containing Î±-Amino Acid Moieties: Structure-Property Relationship. Journal of Macromolecular Science - Pure and Applied Chemistry, 2012, 49, 41-54.	2.2	5
18	Antioxidant Activity of New Aramide Nanoparticles Containing Redox-Active N-phthaloyl Valine Moieties in the Hepatic Cytochrome P450 System in Male Rats. Molecules, 2012, 17, 8255-8275.	3.8	11

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19	Polyamides nanoparticles containing flexible linkages and their copper complexes with novel dielectric properties: Structure–property relationship. <i>Journal of Molecular Structure</i> , 2011, 1001, 89-103.	3.6	11
20	Synthesis and Antimicrobial Activity of Novel 3-Benzoyloxy-4-Substituted-2- Azetidinones: Formation of a Hydrophobic Layer Via a Self-Organization Effect. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 1932-1947.	1.6	1
21	Synthesis and Antimicrobial Activity of Novel Types of Persulfide-Spacer α -O-glycosides: Formation of a Super Hydrophobic Layer via a Self-Organization Effect Through the Strong Hydrogen Bonding Interaction. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2011, 48, 187-197.	2.2	3
22	Synthesis of Novel Semiconducting Aromatic Polyesteramids Containing Pyridine: Characterization of Nanometer-Sized Rod-Like Analogues and their Copper (II) Complexes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010, 47, 521-533.	2.2	14
23	Synthesis and Properties of Narrow-sized Spherical Aramides Nanoparticles Containing Pyridine and their Copper (II) Complexes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010, 48, 73-89.	2.2	12
24	Preparation of a set of selectively protected disaccharides for modular synthesis of heparan sulfate fragments: toward the synthesis of several O-sulfonated [β -D-GlcUA-(1 \rightarrow 4)- β -D-GlcNAc]OPr types. <i>Open Chemistry</i> , 2005, 3, 803-829.	1.9	3
25	NOVEL REVERSION REACTION OF D-ARABINO-HEXOSE PHENYLOSOTRIAZOLE. A USEFUL MODEL IN NATURAL GLYCOSIDE AND POLYSACCHARIDE ANALYSIS. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 1683-1690.	1.1	1
26	Synthesis and GC-Eims Analyses of Optically Pure 3-Hydroxy-2-Azetidinones Having N-Sulfonamide Drugs Side Chain. <i>Synthetic Communications</i> , 2000, 30, 2465-2478.	2.1	8
27	The Pyranoid C6-Portion of the Natural C12- α , β -Unsaturated γ -Lactones From D-Glucose. <i>Synthetic Communications</i> , 2000, 30, 201-216.	2.1	4