

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

932766
10
h-index

940134
16
g-index

27
all docs

27
docs citations

27
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial and antitumor activity of platinum and palladium complexes of novel spherical aramides nanoparticles containing flexibilizing linkages: Structure–property relationship. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 232-245.	2.0	42
2	Synthesis and characterization of thermally stable aromatic polyamides and poly(1,3,4-oxadiazole-amide)s nanoparticles containing pendant substituted bezamides. <i>Chemistry Central Journal</i> , 2013, 7, 13.	2.6	26
3	Metal complexes of the nanosized ligand N-benzoyl-N ^ε -(p-amino phenyl) thiourea: Synthesis, characterization, antimicrobial activity and the metal uptake capacity of its ligating resin. <i>Journal of Molecular Structure</i> , 2015, 1100, 530-545.	1.8	26
4	Novel Grafted/Crosslinked Cellulose Acetate Membrane with N-isopropylacrylamide/N,N-methylenebisacrylamide for Water Desalination. <i>Scientific Reports</i> , 2020, 10, 9901.	1.6	19
5	Synthesis, characterization and antioxidant evaluation of metal complexes derived from a dianil ligand with a flexible linkage: anomalous magnetic behavior of the nickel complex. <i>Transition Metal Chemistry</i> , 2015, 40, 643-655.	0.7	15
6	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.	1.2	14
7	Structure–property relationship studies of copper(I) complexes of nanosized hypodentate ligands and evaluation of their antitumor and antimicrobial activities. <i>Journal of Coordination Chemistry</i> , 2015, 68, 241-260.	0.8	14
8	Water-soluble sulfonated polyaniline as multifunctional scaling inhibitor for crystallization control in industrial applications. <i>Chemical Engineering Research and Design</i> , 2021, 169, 135-141.	2.7	14
9	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.	1.2	12
10	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.	1.8	11
11	Antioxidant Activity of New Aramide Nanoparticles Containing Redox-Active N-phthaloyl Valine Moieties in the Hepatic Cytochrome P450 System in Male Rats. <i>Molecules</i> , 2012, 17, 8255-8275.	1.7	11
12	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.	1.1	8
13	New sulfonated amide nanoparticles and their copper complexes with anomalous dielectric behavior. <i>Journal of Applied Polymer Science</i> , 2013, 128, 310-321.	1.3	8
14	Synthesis and biological evaluation of new nanosized aromatic polyamides containing amido- and sulfonamidopyrimidines pendant structures. <i>Chemistry Central Journal</i> , 2015, 9, 44.	2.6	7
15	Synthesis and Thermal Properties of Novel Polyamides Containing $\hat{\pm}$ -Amino Acid Moieties: Structure-Property Relationship. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 41-54.	1.2	5
16	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. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017, 54, 105-117.	1.2	5
17	The Pyranoid C6-Portion of the Natural C12- $\hat{\pm}$, $\hat{\mu}$ -Unsaturated- $\hat{\nu}$ -Lactones From D-Glucose. <i>Synthetic Communications</i> , 2000, 30, 201-216.	1.1	4
18	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. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017, 54, 742-755.	1.2	4

#	ARTICLE	IF	CITATIONS
19	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, .	1.2	4
20	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. Open Chemistry, 2005, 3, 803-829.	1.0	3
21	Synthesis and Antimicrobial Activity of Novel Types of Persulfide-Spacer β -D-GlcUA-glycosides: Formation of a Super Hydrophobic Layer via a Self-Organization Effect Through the Strong Hydrogen Bonding Interaction. Journal of Macromolecular Science - Pure and Applied Chemistry, 2011, 48, 187-197.	1.2	3
22	Synthesis, molecular modeling, TD-DFT, antimicrobial, and in vitro therapeutic activity of new spherical nano-sized sulfonamide imine ligands and their zinc (II) and copper (II) complexes. Applied Organometallic Chemistry, 2020, 34, e5953.	1.7	3
23	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.	1.2	2
24	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, .	1.6	2
25	NOVEL REVERSION REACTION OF D-ARABINO-HEXOSE PHENYLOSOTRIAZOLE. A USEFUL MODEL IN NATURAL GLYCOSIDE AND POLYSACCHARIDE ANALYSIS. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 1683-1690.	0.4	1
26	Synthesis and Antimicrobial Activity of Novel 3-Benzoyloxy-4-Substituted-2- Azetidiones: Formation of a Hydrophobic Layer Via a Self-Organization Effect. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1932-1947.	0.8	1
27	Nanometer-sized, rod-like, ligand-containing tryptophan complexes: Anion influence on structural geometry and antitumor activity correlations. Applied Organometallic Chemistry, 2020, 34, e5679.	1.7	1