

Hasan Nazir

List of Publications by Year in descending order

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51
papers

1,043
citations

586496

16
h-index

488211

31
g-index

56
all docs

56
docs citations

56
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	Intramolecular hydrogen bonding and tautomerism in Schiff bases. Structure of N-(2-pyridil)-2-oxo-1-naphthylidenemethylamine. <i>Journal of Molecular Structure</i> , 2000, 524, 241-250.	1.8	234
2	Microbially influenced corrosion and inhibition of nickel–zinc and nickel–copper coatings by <i>Pseudomonas aeruginosa</i> . <i>Corrosion Science</i> , 2014, 79, 177-183.	3.0	93
3	2D MXenes with antiviral and immunomodulatory properties: A pilot study against SARS-CoV-2. <i>Nano Today</i> , 2021, 38, 101136.	6.2	63
4	An experimental and theoretical approach towards understanding the inhibitive behavior of a nitrile substituted coumarin compound as an effective acidic media inhibitor. <i>Corrosion Science</i> , 2018, 133, 451-464.	3.0	53
5	Some new Ni–Zn heterodinuclear complexes: square-pyramidal nickel(II) coordination. <i>Inorganica Chimica Acta</i> , 2003, 342, 295-300.	1.2	51
6	An advanced investigation on a new algal sensor determining Pb(II) ions from aqueous media. <i>Biosensors and Bioelectronics</i> , 2010, 26, 321-326.	5.3	48
7	Graphene Oxide Nanosheets Interact and Interfere with SARS-CoV-2 Surface Proteins and Cell Receptors to Inhibit Infectivity. <i>Small</i> , 2021, 17, e2101483.	5.2	46
8	A voltammetric <i>Rhodotorula mucilaginosa</i> modified microbial biosensor for Cu(II) determination. <i>Bioelectrochemistry</i> , 2010, 79, 66-70.	2.4	44
9	Ribavirin shows antiviral activity against SARS-CoV-2 and downregulates the activity of TMPRSS2 and the expression of ACE2 in vitro. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 449-460.	0.7	41
10	Investigation of Sn–Zn electrodeposition from acidic bath on EQCM. <i>Journal of Alloys and Compounds</i> , 2011, 509, 1534-1537.	2.8	33
11	Microbial corrosion of Ni–Cu alloys by <i>Aeromonas eucrenophila</i> bacterium. <i>Corrosion Science</i> , 2011, 53, 2216-2221.	3.0	32
12	Evaluation of microbiologically influenced corrosion inhibition on Ni–Co alloy coatings by <i>Aeromonas salmonicida</i> and <i>Clavibacter michiganensis</i> . <i>Corrosion Science</i> , 2012, 65, 113-118.	3.0	30
13	Using of <i>Rhizopus arrhizus</i> as a sensor modifying component for determination of Pb(II) in aqueous media by voltammetry. <i>Bioresource Technology</i> , 2010, 101, 7551-7555.	4.8	25
14	Some DI- and Trinuclear Zinc Complexes: Anion Induced Complex Formation. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2000, 30, 709-718.	1.8	22
15	Microbiologically influenced corrosion of NiZn alloy coatings by <i>Delftia acidovorans</i> bacterium. <i>Corrosion Science</i> , 2012, 64, 198-203.	3.0	19
16	Synthesis, structure and magnetic properties of Ni(II)–Co(II) heterodinuclear complexes with ONNO type Schiff bases as ligands. <i>Polyhedron</i> , 2013, 59, 1-7.	1.0	16
17	Microbiologically influenced corrosion failure analysis of nickel–copper alloy coatings by <i>Aeromonas salmonicida</i> and <i>Delftia acidovorans</i> bacterium isolated from pipe system. <i>Engineering Failure Analysis</i> , 2012, 25, 63-70.	1.8	15
18	Anti microbial corrosion properties of electrospun cellulose acetate nanofibers containing biogenic silver nanoparticles for copper coatings. <i>RSC Advances</i> , 2020, 10, 39901-39908.	1.7	15

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19	Utilization of heat-dried <i>Pseudomonas aeruginosa</i> biomass for voltammetric determination of Pb(II). <i>New Biotechnology</i> , 2011, 28, 356-361.	2.4	12
20	The effect of <i>Aeromonas eucrenophila</i> on microbiologically induced corrosion of nickel-zinc alloy. <i>International Biodeterioration and Biodegradation</i> , 2013, 80, 34-40.	1.9	12
21	Synthesis, crystal structure and electrochemical behaviour of water soluble Schiff bases. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2005, 220, 639-642.	0.4	11
22	Synthesis, characterisation and energetic performance of insensitive energetic salts formed between picric acid and 2,3-diaminotoluene, 2,4-diaminotoluene. <i>Journal of Molecular Structure</i> , 2020, 1205, 127580.	1.8	11
23	Phosphorus-Nitrogen Compounds. I. Reactions of Cl ₂ P(O).N[dbnd]PCl ₃ with an Excess of Pyrrolidine: Isolation of an Acyclic Phosphazene, (H ₈ C ₄ N) ₂ P(O).N[dbnd]P(NC ₄ H ₈) ₃ , Bis Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1989, 19, 453-467.	1.8	10
24	Thermal kinetic analysis, theoretical thermodynamic calculations and antimicrobial activity of three new energetic materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 3105-3120.	2.0	10
25	Crystal Structure of a Symmetrical Heterotrinary NiII-MnII-NiII Complex: Bis{(N,N'-dimethylformamide) (.MU.-acetato) [.MU.-N,N'-bis(salicylidene)-2-hydroxy-1,3-propanediamine]nickel(II)}manganese(II).. <i>Analytical Sciences</i> , 2002, 18, 493-494.	0.8	9
26	Characterization and properties of a novel energetic Co-crystal formed between 2,4,6-Trinitrophenol and 9-Bromoanthracene. <i>Journal of Molecular Structure</i> , 2019, 1192, 145-153.	1.8	8
27	Towards low-impact-sensitivity through crystal engineering: New energetic co-crystals formed between Picric acid, Trinitrotoluene and 9-Vinylanthracene. <i>Journal of Molecular Structure</i> , 2020, 1219, 128614.	1.8	8
28	Simultaneous <i>Bacillus anthracis</i> Spores Detection via Aminated-Poly(vinyl chloride) Coated Piezoelectric Crystal Immunosensor. <i>Journal of Coatings</i> , 2014, 2014, 1-8.	0.7	7
29	SIMULTANEOUS DETERMINATION OF C ₆₀ AND C ₇₀ FULLERENES BY A SPECTROPHOTOMETRIC METHOD. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 2001, 9, 103-111.	0.6	6
30	Bis{(1/4-acetato)[1/4-bis(salicylidene)-1,3-propanediaminato](N,N-dimethylformamide)nickel(II)}cadmium(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 872-874.	0.4	5
31	A crystallographic and spectroscopic study on the imine-amine tautomerism of 2-hydroxyaldimine compounds. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2006, 221, .	0.4	5
32	Synthesis, crystal structure and magnetic behaviour of a mononuclear Fe(III) Schiff base metal complex. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2006, 221, .	0.4	5
33	Preparation and Characterization of New Amino-Substituted Crowns and Podands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1992, 47, 547-552.	0.3	4
34	Bis{2-[(3-aminopropyl)iminomethyl]-4,6-dinitrophenolato-O,N,N'}nickel(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 181-183.	0.4	4
35	CRYSTAL STRUCTURE OF BIS{(N,N'-DIMETHYLFORMAMIDE)		

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37	Anticorrosive Properties of Green Silver Nanoparticles to Prevent Microbiologically Influenced Corrosion on Copper in the Marine Environment. <i>Journal of Marine Science and Application</i> , 2021, 20, 10-20.	0.7	4
38	Pentafluoropropionic Anhydride Functionalized PAMAM Dendrimer as miRNA Delivery Reagent. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 0, , 1295-1302.	0.4	4
39	Crystal Structure of (N,N'-Disalicylidene-2,3-diaminopyridine)copper(II) Complex.. <i>Analytical Sciences</i> , 1997, 13, 519-520.	0.8	3
40	Synthesis of Substituted \pm -N-(2-Hydroxyethyl)-Aminomethylphosphonic Acid Monoethylester Derivatives. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1999, 29, 1821-1828.	1.8	2
41	Synthesis, crystal structure, theoretical calculations and thermal characterization of two heterodinuclear NiII \leftrightarrow ZnII complexes prepared from ONNO-type symmetrical Schiff base and its reduced derivative. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 1863-1882.	2.0	2
42	New energetic Silver(I) complexes with Nnn type Pyrazolylpyridine ligands and oxidizing anions. <i>Journal of Molecular Structure</i> , 2020, 1210, 128001.	1.8	2
43	In vitro transfection potential of fluorinated G5 PAMAM dendrimers for miRNA delivery to MRC-5 cells. <i>The European Research Journal</i> , 0, , .	0.1	2
44	Synergistic Antibacterial and Anticorrosive Effect of Polysulfone Nanofibers Embedded with Biogenic Silver Nanoparticles for Microbiologically Influenced Corrosion of Nickel. <i>ChemistrySelect</i> , 2022, 7, .	0.7	2
45	[2,3-Bis(salicylideneamino-O,N)pyridinato]nickel(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 725-726.	0.4	1
46	Testing and comparison of the coating materials for immunosensors on QCM. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
47	Two dinuclear NiII \leftrightarrow CdII complexes of reduced ONNO-type Schiff bases. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 3077-3091.	2.0	1
48	The effect of electronegativity upon the coordination sphere; heterodinuclear Ni(II) complexes with ONNO type Schiff bases, octahedral, square pyramidal and square planar coordination of Ni(II). <i>Journal of Molecular Structure</i> , 2020, 1221, 128789.	1.8	1
49	Ethyl {[N-(2-Hydroxyethyl)amino](2-hydroxy-1-naphthyl)methyl}phosphonate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 3133-3135.	0.4	0
50	A New Sodium Ion Selective PVC-Coated Graphite Rod Electrode Based on 4-Amino-Benzo-15-Crown-5 Derivatives of Fullerenes. <i>Reviews in Analytical Chemistry</i> , 2007, 26, .	1.5	0
51	Monitoring of Corrosion of <i>Aeromonas eucrenophila</i> in the First Steps of Biofilm Formation on Nickel. <i>Journal of Engineering and Applied Sciences</i> , 2012, 7, 372-378.	0.2	0