

Rizwan Hussain

List of Publications by Year in descending order

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36
papers

890
citations

623188

14
h-index

454577

30
g-index

39
all docs

39
docs citations

39
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and biological evaluation of some thiourea derivatives bearing benzothiazole moiety as potential antimicrobial and anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1323-1331.	2.6	349
2	Modification of cellulosic fiber with polyurethane acrylate copolymers. Part I: Physicochemical properties. <i>Carbohydrate Polymers</i> , 2012, 87, 397-404.	5.1	58
3	Synthesis, spectroscopic characterization, crystal structure and pharmacological properties of some novel thiophene-thiourea core derivatives. <i>European Journal of Chemistry</i> , 2010, 1, 221-227.	0.3	55
4	Cytotoxicity and mechanical behavior of chitinâ€“bentonite clay based polyurethane bio-nanocomposites. <i>International Journal of Biological Macromolecules</i> , 2011, 49, 1131-1136.	3.6	49
5	Synthesis, characterization and antibacterial activity of nickel (II) and copper (II) complexes of N-(alkyl(aryl)carbamothioyl)-4-nitrobenzamide. <i>European Journal of Chemistry</i> , 2010, 1, 200-205.	0.3	48
6	Biferrocenyl Schiff bases as efficient corrosion inhibitors for an aluminium alloy in HCl solution: a combined experimental and theoretical study. <i>RSC Advances</i> , 2020, 10, 7585-7599.	1.7	37
7	Synthesis, spectroscopic characterization, crystal structure and antifungal activity of thiourea derivatives containing a thiazole moiety. <i>Open Chemistry</i> , 2010, 8, 550-558.	1.0	33
8	Synthesis, characterization and thermal dissociation of 2-butoxyethanol-blocked diisocyanates and their use in the synthesis of isocyanate-terminated prepolymers. <i>Polymer International</i> , 2007, 56, 1521-1529.	1.6	28
9	Biocompatibility and microscopic evaluation of polyurethaneâ€“poly(methyl methacrylate)â€“titanium dioxide based composites for dental applications. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	26
10	Thermomechanical studies of thermally stable metal-containing epoxy polymers from diglycidyl ether of bisphenol A and amino-thiourea metal complexes. <i>European Journal of Chemistry</i> , 2011, 2, 77-82.	0.3	22
11	Semiconducting nanostructured copper sulfide thin films from bidentate copper(ii) complexes of N-(dialkylcarbamothioyl)-nitrosubstituted benzamides by chemical vapour deposition. <i>New Journal of Chemistry</i> , 2013, 37, 3214.	1.4	22
12	Carbon nanotubes for enhanced interface of fiber metal laminate. <i>International Journal of Adhesion and Adhesives</i> , 2018, 86, 29-34.	1.4	21
13	Antimicrobial and pilling evaluation of the modified cellulosic fabrics using polyurethane acrylate copolymers. <i>International Journal of Biological Macromolecules</i> , 2013, 56, 99-105.	3.6	18
14	Symmetrical and unsymmetrical nickel(II) complexes of N-(dialkylcarbamothioyl)-nitro substituted benzamide as single-source precursors for deposition of nickel sulfide nanostructured thin films by AACVD. <i>Polyhedron</i> , 2015, 85, 267-274.	1.0	17
15	Poly-thiourea formaldehyde based anticorrosion marine coatings on type 304 stainless steel. <i>Journal of Materials Research and Technology</i> , 2020, 9, 2146-2153.	2.6	12
16	Nanoparticles enhanced interfaces of Glass fiber laminate aluminum reinforced epoxy (<sc>GLARE</sc>) fiber metal laminates. <i>Polymer Composites</i> , 2021, 42, 3954-3968.	2.3	12
17	Nanoparticles and nanocrystals of a new bidentate nickel(II) complex of N-[ethyl(propan-2-yl)carbamothioyl]-4-nitrobenzamide: synthesis, characterization, and crystal structures. <i>Journal of Coordination Chemistry</i> , 2013, 66, 126-138.	0.8	11
18	Blends of polyurethane-polymethyl methacrylate/TiO ₂ -based composites. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 1652-1658.	1.2	9

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19	Growth of semiconducting iron sulfide thin films by chemical vapor deposition from air-stable single-source metal organic precursor for photovoltaic application. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1693-1701.	0.8	9
20	Effect of Micro-fillers on the Performance of Thermoplastic Para Aramid Composites for Impact Applications. <i>Fibers and Polymers</i> , 2021, 22, 3120-3134.	1.1	8
21	Corrosion inhibition studies of ferrocenyl Schiff bases in a mild acidic medium through experimental methods and DFT calculations. <i>New Journal of Chemistry</i> , 2022, 46, 3925-3938.	1.4	8
22	Enhancement of Dielectric Constant of Graphene-Epoxy Composite by Inclusion of Nanodiamond Particles. <i>Journal of Electronic Materials</i> , 2018, 47, 1713-1720.	1.0	7
23	Preparation and characterization of copper sulfide nanoparticles from symmetrical [(Bu) ₂ NC(S)NC(O)C ₆ H ₃ (3,5-NO ₂) ₂] ₂ Cu(II) and [(Bu) ₂ NC(S)NC(O)C ₆ H ₄ (4-NO ₂)] ₂ Cu(II) complexes by thermolysis. <i>Journal of Coordination Chemistry</i> , 2014, 67, 2942-2953.	0.8	6
24	Corrosion protection of aluminum alloy (AA2219-T6) using sulfonic acid-doped conducting polymer coatings. <i>New Journal of Chemistry</i> , 2022, 46, 14557-14564.	1.4	6
25	N-[4-(4-Nitrophenoxy)phenyl]propionamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2186-o2186.	0.2	4
26	N,N-Dicyclohexyl-4-nitrobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2762-o2762.	0.2	3
27	Synthesis and Antimicrobial Activity of <i>N</i> -(2- <i>Z</i> -(4,6-Substitutedpyrimidin-2-yl)-4-phenyl-1,3,4-thiazol-2(3 <i>H</i>)-ylidene]-3,5-dinitrobenzamide Analogues. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 237-243.		
28	Deposition and characterization of Cu ₉ S ₅ nanocrystals from unsymmetrical [(Hex)(Me)NC(S)NC(O)C ₆ H ₃ (NO ₂) ₂ -3,5] ₂ Cu(II) and [(Et)(Bu)NC(S)NC(O)C ₆ H ₄ -4-NO ₂] ₂ Cu(II) complexes by colloidal thermolysis method. <i>Turkish Journal of Chemistry</i> , 2014, 38, 413-422.	0.5	3
29	N-(4-Bromophenyl)-3,5-dinitrobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o26-o26.	0.2	2
30	Designing and manufacturing of a lightweight and broadband electromagnetic wave absorber with combined carbonaceous and magnetic nanofillers. <i>Polymers and Polymer Composites</i> , 2019, 27, 215-221.	1.0	2
31	Dicyclohexylammonium 3,5-dinitrobenzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2168-o2168.	0.2	1
32	N-[4-(4-Nitrophenoxy)phenyl]pentanamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2816-o2816.	0.2	1
33	N,N-Dicyclohexylcyclohexanecarboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2215-o2215.	0.2	0
34	N,N-Dicyclohexyl-3,5-dinitrobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2953-o2953.	0.2	0
35	4-(Naphthalene-2-carboxamido)pyridin-1-ium thiocyanate-N-(pyridin-4-yl)naphthalene-2-carboxamide (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3002-o3002.	0.2	0
36	A co-crystal of 3-(3,5-dinitrobenzoyl)-1,1-dimethylthiourea and N,N-dimethyl-3,5-dinitrobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3108-o3108.	0.2	0