

Moazzam Hussain Bhatti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9512015/publications.pdf>

Version: 2024-02-01

69
papers

1,053
citations

430874

18
h-index

434195

31
g-index

70
all docs

70
docs citations

70
times ranked

1035
citing authors

#	ARTICLE	IF	CITATIONS
1	Isoniazid-Gentisic acid cocrystallization: Solubility, Stability, Dissolution rate, Antioxidant and Flowability Properties Studies. <i>Journal of Molecular Structure</i> , 2021, 1226, 129388.	3.6	3
2	Synthesis of novel organotin(IV) complex for multiple applications: as biologically potent and single molecular precursor. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 307-315.	2.2	1
3	Highly active sites of Pt/Er dispersed N-doped hierarchical porous carbon for trifunctional electrocatalyst. <i>Chemical Engineering Journal</i> , 2021, 409, 128205.	12.7	94
4	Structural characterization and in-situ synthesis of quaternary ionic-cocrystal of isoniazid from un-ionized coformers. <i>Journal of Molecular Structure</i> , 2021, 1233, 130015.	3.6	3
5	Development of biodegradable thin films for efficient, specific and controlled delivery of capecitabine. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 055019.	3.3	0
6	Pharmaceutical organic salt: Disordered crystal structure of levofloxacin with β^3 -resorcylic acid. <i>European Journal of Chemistry</i> , 2021, 12, 323-328.	0.6	3
7	Post synthetically modified compounds of Cd-MOF by l-amino acids for luminescent applications. <i>Journal of Solid State Chemistry</i> , 2020, 287, 121320.	2.9	14
8	Cobalt sulfide nanoparticles: Synthesis, water splitting and supercapacitance studies. <i>Materials Science in Semiconductor Processing</i> , 2020, 109, 104925.	4.0	29
9	Pt-Ni@PC900 Hybrid Derived from Layered-Structure Cd-MOF for Fuel Cell ORR Activity. <i>ACS Omega</i> , 2020, 5, 2123-2132.	3.5	67
10	Targeted drug delivery systems: synthesis and in vitro bioactivity and apoptosis studies of gemcitabine-carbon dot conjugates. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 065004.	3.3	16
11	Crystalline network study of new N-phthaloyl- β^2 -Alanine with benzimidazole, cocrystal: Computational consideration & free radical scavenging activity. <i>Journal of Molecular Structure</i> , 2019, 1191, 225-236.	3.6	4
12	Synthesis and characterization of unique new lithium, sodium and potassium coordination polymers. <i>Inorganica Chimica Acta</i> , 2018, 479, 179-188.	2.4	7
13	Novel cocrystal of N-phthaloyl- β^2 -alanine with 2,2'-bipyridyl: Synthesis, computational and free radical scavenging activity studies. <i>Journal of Molecular Structure</i> , 2018, 1152, 1-10.	3.6	10
14	A Facile Synthesis of Organotin(IV) Carboxylates: Application as Single Source Precursor for Deposition of Tin Oxide Thin Films and Evaluation of Biological Activities. <i>ChemistrySelect</i> , 2018, 3, 10325-10332.	1.5	6
15	Synthesis, crystal structure and NLO study of two new versatile Ca (II) complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4564.	3.5	1
16	Pt-M bimetallic nanoparticles (M = Ni, Cu, Er) supported on metal organic framework-derived N-doped nanostructured carbon for hydrogen evolution and oxygen evolution reaction. <i>Journal of Power Sources</i> , 2018, 402, 34-42.	7.8	97
17	Crystal structure, thermal, luminescent and terahertz time domain spectroscopy of magnesium N-phthaloyl- β^2 -alaninate: A combined experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2018, 1170, 1-8.	3.6	4
18	Carboxylate derivatives of tributyltin (IV) complexes as anticancer and antileishmanial agents. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2017, 25, 8.	2.0	30

#	ARTICLE	IF	CITATIONS
19	Crystal structure, spectroscopic, electronic, luminescent and nonlinear optical properties of (S)-4-Amino-5-(1-hydroxy-ethyl)-2,4-dihydro-[1,2,4]triazole-3-thione: A combined experimental and DFT study. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 110, 218-226.	4.0	12
20	Structure-property relationship of 3-(N-phthalimidomethyl)-4-amino-1,2,4-triazole-5-thione: A structural, spectroscopic and DFT study. <i>Journal of Molecular Structure</i> , 2017, 1133, 329-337.	3.6	13
21	Synthesis and comprehensive structural studies of a novel amide based carboxylic acid derivative: Non-covalent interactions. <i>Journal of Molecular Structure</i> , 2017, 1133, 499-509.	3.6	12
22	Synthesis and theoretical studies of non-covalent interactions within a newly synthesized chiral 1,2,4-triazolo[3,4-b][1,3,4]thiadiazine. <i>Journal of Molecular Structure</i> , 2017, 1130, 688-698.	3.6	14
23	Structural, spectroscopic, nonlinear optical and electronic properties of calcium N-phthaloylglycinate: A combined experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2016, 1125, 315-322.	3.6	15
24	Synthesis, photochemical and electrochemical studies on triphenyltin(IV) derivative of (Z)-4-(4-cyanophenylamino)-4-oxobut-2-enoic acid for its binding with DNA: Biological interpretation. <i>Arabian Journal of Chemistry</i> , 2016, 9, 451-462.	4.9	35
25	Synthesis, characterization, solubility and stability studies of hydrate cocrystal of antitubercular Isoniazid with antioxidant and anti-bacterial Protocatechuic acid. <i>Journal of Molecular Structure</i> , 2016, 1117, 17-21.	3.6	26
26	Isoniazid cocrystals with anti-oxidant hydroxy benzoic acids. <i>Journal of Molecular Structure</i> , 2014, 1076, 446-452.	3.6	40
27	Electrochemical and spectroscopic investigations of carboxylic acid ligand and its triorganotin complexes for their binding with ds.DNA: In vitro biological studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 125, 70-82.	3.8	33
28	Synthesis, Characterization, and Biological Activity of Novel Schiff and Mannich Bases of 4-Amino-3-(N-phthalimidomethyl)-1,2,4-triazole-5-thione. <i>Journal of Chemistry</i> , 2013, 2013, 1-8.	1.9	11
29	catena-Poly[[triphenyltin(IV)] $\frac{1}{4}$ -N-(4-acetylphenyl)maleamato]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m427-m427.	0.2	2
30	Caffeine-N-phthaloyl-L-alanine (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1888-o1888.	0.2	2
31	Synthesis, crystal structure, DNA binding and in vitro biological studies of Ni(II), Cu(II) and Zn(II) complexes of N-phthaloylglycine. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 117, 228-239.	3.8	43
32	Synthesis, structural elucidation and biological activities of organotin(IV) derivatives of (E)-3-(4-methoxyphenyl)-2-(4-chlorophenyl)-2-propenoic acid. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 35-45.	2.2	5
33	Synthesis, spectroscopic characterisation and X-ray analysis of regioisomeric 1,3,5-trisubstituted pyrazoles. <i>Journal of Molecular Structure</i> , 2011, 995, 173-180.	3.6	4
34	Ethyl 2-[3-(3,5-Dinitrobenzoyl)thioureido]benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1114-o1114.	0.2	2
35	catena-Poly[[diaquacalcium]bis[$\frac{1}{4}$ -2-(1,3-dioxoisindolin-2-yl)acetato] $\frac{1}{2}$ 3O, O \cdot ; $\frac{1}{2}$ 3O:O, O \cdot]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m1102-m1103.	0.2	0
36	The 1:1 adduct of caffeine and 2-(1,3-dioxoisindolin-2-yl)acetic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2240-o2240.	0.2	2

#	ARTICLE	IF	CITATIONS
37	In vitro biological studies and structural elucidation of organotin(IV) derivatives of 6-nitropiperonylic acid: Crystal structure of $\{[(\text{CH}_2\text{O}_2\text{C}_6\text{H}_2(\text{o-NO}_2)\text{COO})\text{SnBu}_2]_2\text{O}\}_2$. <i>Polyhedron</i> , 2010, 29, 613-619.	2.2	34
38	catena-Poly[[triphenyltin(IV)] $\frac{1}{4}$ -[3-(cyclohexylcarbonyl)propanoato] $\frac{1}{2}$ O ₁ :O ₃]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1266-m1267.	0.2	0
39	2-[2-(1,3-Dioxoisindolin-2-yl)acetamido]acetic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2969-o2969.	0.2	1
40	catena-Poly[[triphenyltin(IV)] $\frac{1}{4}$ -2-(cyclohexylaminocarbonyl)benzoato] $\frac{1}{2}$ O ₁ :O ₂]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m931-m931.	0.2	1
41	Chlorodiphenyltin(IV) and triphenyltin(IV) complexes of N-alkylated 2-amino-1-cyclopentene-1-carbodithioic acids: synthesis, spectroscopic characterization and X-ray studies. <i>Structural Chemistry</i> , 2008, 19, 777-784.	2.0	9
42	Ethyl 4-(3-butyrylthioureido)benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1369-o1369.	0.2	14
43	2-Propyl-4-H-thiazolo[3,2-a][1,3,5]triazine-4-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o722-o722.	0.2	3
44	1-(4-Acetylphenyl)-3-butyrylthiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1566-o1566.	0.2	7
45	1-(1,3-Benzothiazol-2-yl)-3-benzoylthiourea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o20-o20.	0.2	9
46	2-(4-Amino-5-thioxo-4,5-dihydro-1H-1,2,4-triazol-3-ylmethyl)isoindoline-1,3-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o476-o477.	0.2	5
47	Ethyl 4-(3-benzoylthioureido)benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1485-o1485.	0.2	15
48	N-(Thiazol-2-yl)acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1516-o1516.	0.2	1
49	N-(Benzothiazol-2-yl)butyramide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1486-o1486.	0.2	1
50	Synthesis and Crystal Structure of Bis(3,4-methylenedioxybenzoyl)-diethyltin(IV). <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2007, 23, X165-X166.	0.1	2
51	Crystal Structure of 2-Phenyl-5-anilino-1,3,4-oxadiazole. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2007, 23, X75-X76.	0.1	0
52	[2-(Butylamino)cyclopent-1-ene-1-carbodithioato]chlorodiphenyltin(IV). <i>Corrigendum. Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, e5-e5.	0.2	0
53	2-Phenyl-4H-thiazolo[3,2-a][1,3,5]triazine-4-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3690-o3690.	0.2	5
54	Difluorovanadium(IV) dicarboxylates: Coordination behavior and biological activity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007, 33, 576-581.	1.0	3

#	ARTICLE	IF	CITATIONS
55	Chloro-diorganotin(IV) complexes of 4-methyl-1-piperidine carbodithioic acid: Synthesis, X-ray crystal structures, spectral properties and antimicrobial studies. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1797-1802.	1.8	58
56	Organotin esterification of (E)-3-(3-fluoro-phenyl)-2-(4-chlorophenyl)-2-propenoic acid: synthesis, spectroscopic characterization and in vitro biological activities. Crystal structure of [Ph ₃ Sn(OC(O)C(4-ClC ₆ H ₄)=CH(3-FC ₆ H ₄))]. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1396-1408.	1.8	42
57	catena-Poly[[trimethyltin(IV)]- $\frac{1}{4}$ -(2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)-3-phenylpropionato- $\frac{1}{2}$ O \cdot O \cdot]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m190-m192.	0.2	2
58	Polymeric [2-(N-maleoyl)-2-methylpropionato]trimethyltin(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m554-m556.	0.2	3
59	Combination of 1,2-hydroboration and 1,1-organoboration: synthesis of novel organo-substituted 1-silacyclobutenes. <i>Applied Organometallic Chemistry</i> , 2003, 17, 465-472.	3.5	24
60	1,1-Organoboration of bis(trimethylstannyl)ethyne with trimethylsilyl- and dimethylsilyl-dialkylboryl-substituted alkenes: organometallic-substituted allenes. <i>Applied Organometallic Chemistry</i> , 2003, 17, 843-850.	3.5	11
61	[4+2]Cycloadditions of organometallic-substituted siloles with dimethyl acetylenedicarboxylate and tetracyanoethylene. <i>Journal of Organometallic Chemistry</i> , 2003, 665, 196-204.	1.8	8
62	Hydroboration of alkyn-1-yl(methyl)silanes bearing functional substituents at silicon. <i>Journal of Organometallic Chemistry</i> , 2003, 669, 72-78.	1.8	15
63	Hydroboration of Bis(Trimethylsilyl)Ethyne. <i>New Aspects of Hydroboration. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2003, 58, 133-138.	0.7	7
64	1,1-Vinylboration and 1,1-Ethylboration of Di(alkyn-1-yl)silanes: Synthesis of New Siloles. <i>Collection of Czechoslovak Chemical Communications</i> , 2002, 67, 822-830.	1.0	11
65	SYNTHESIS, SPECTROSCOPIC CHARACTERIZATION, AND BIOLOGICAL APPLICATIONS OF ORGANOTIN(IV) DERIVATIVES OF 2-(N-MALEOYL)-3-PHENYLPROPANOIC ACID. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2002, 32, 1521-1536.	1.8	20
66	Synthesis, Characterization, and Biological Activity of n-Tributyltin Derivatives of Pharmaceutically Active Carboxylates. <i>Monatshefte Für Chemie</i> , 2002, 133, 1089-1096.	1.8	20
67	catena-Poly[[tri-n-butyltin]- $\frac{1}{4}$ -N-(1-naphthyl)maleamato]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, m334-m335.	0.4	7
68	Reactivity of some poly-1-alkynylsilicon and -tin compounds towards triallylborane routes to novel heterocycles. <i>Journal of Organometallic Chemistry</i> , 2002, 657, 146-154.	1.8	28
69	Synthesis, Spectroscopic Characterization and Biological Studies of Organotin Derivatives of 2-(2,6-dichlorophenyl)aminophenylacetic acid. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2000, 30, 1715-1729.	1.8	27