Zia-ur- Rehman

List of Publications by Year
in descending order

140	3,188	172386	206029
papers	citations	29 h-index	48 g-index

143	143	143	3289
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent developments and perspectives in CdS-based photocatalysts for water splitting. Journal of Materials Chemistry A, 2020, 8, 20752-20780.	5.2	203
2	Photocatalytic Zâ€Scheme Overall Water Splitting: Recent Advances in Theory and Experiments. Advanced Materials, 2021, 33, e2105195.	11.1	123
3	Chemistry of DNA minor groove binding agents. Journal of Photochemistry and Photobiology B: Biology, 2012, 115, 105-118.	1.7	104
4	Anticancer activity of organotin(IV) carboxylates. Inorganica Chimica Acta, 2014, 423, 14-25.	1.2	93
5	Diorganotin(IV) derivatives of ONO tridentate Schiff base: Synthesis, crystal structure, in vitro antimicrobial, anti-leishmanial and DNA binding studies. European Journal of Medicinal Chemistry, 2010, 45, 2902-2911.	2.6	89
6	Photoactivated platinum-based anticancer drugs. Coordination Chemistry Reviews, 2018, 376, 405-429.	9.5	85
7	Synthesis, characterization and anticancer studies of mixed ligand dithiocarbamate palladium(II) complexes. European Journal of Medicinal Chemistry, 2011, 46, 4071-4077.	2.6	84
8	Development, in-vitro and in-vivo evaluation of ezetimibe-loaded solid lipid nanoparticles and their comparison with marketed product. Journal of Drug Delivery Science and Technology, 2019, 51, 583-590.	1.4	65
9	Anticancer activity, DNA-binding and DNA-denaturing aptitude of palladium(II) dithiocarbamates. Inorganica Chimica Acta, 2016, 451, 31-40.	1.2	62
10	Organotin(IV) 4-methoxyphenylethanoates: Synthesis, spectroscopic characterization, X-ray structures and in vitro anticancer activity against human prostate cell lines (PC-3). Inorganica Chimica Acta, 2009, 362, 2842-2848.	1.2	59
11	New dimeric, trimeric and supramolecular organotin(IV) dithiocarboxylates: Synthesis, structural characterization and biocidal activities. Polyhedron, 2009, 28, 3439-3448.	1.0	58
12	Synthesis, spectroscopic characterization, X-ray structure and evaluation of binding parameters of new triorganotin(IV) dithiocarboxylates with DNA. European Journal of Medicinal Chemistry, 2009, 44, 3986-3993.	2.6	57
13	Characterization and DNA binding studies of unexplored imidazolidines by electronic absorption spectroscopy and cyclic voltammetry. Journal of Photochemistry and Photobiology B: Biology, 2013, 120, 90-97.	1.7	54
14	Synthesis, characterization and DNA binding studies of organoantimony(V) ferrocenyl benzoates. Journal of Organometallic Chemistry, 2012, 717, 1-8.	0.8	52
15	Organotin(IV) 4-nitrophenylethanoates: Synthesis, structural characteristics and intercalative mode of interaction with DNA. Journal of Organometallic Chemistry, 2009, 694, 3431-3437.	0.8	51
16	New dimeric and supramolecular organotin(IV) complexes with a tridentate schiff base as potential biocidal agents. Journal of Organometallic Chemistry, 2011, 696, 2772-2781.	0.8	51
17	Synthesis, spectroscopic characterization, DFT optimization and biological activities of Schiff bases and their metal (II) complexes. Journal of Molecular Structure, 2017, 1145, 132-140.	1.8	51
18	CdS nanocapsules and nanospheres as efficient solar light-driven photocatalysts for degradation of Congo red dye. Inorganic Chemistry Communication, 2016, 72, 33-41.	1.8	47

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19	Photocatalytic Dehydrogenation of Formic Acid on CdS Nanorods through Ni and Co Redox Mediation under Mild Conditions. ChemSusChem, 2018, 11, 2587-2592.	3.6	44
20	Structural properties and antibacterial potency of new supramolecular organotin(IV) dithiocarboxylates. Polyhedron, 2012, 31, 697-703.	1.0	43
21	Synthesis, characterization and DNA binding studies of penta- and hexa-coordinated diorganotin(IV) 4-(4-nitrophenyl)piperazine-1-carbodithioates. Journal of Organometallic Chemistry, 2009, 694, 1998-2004.	0.8	42
22	Homologous 1,3,5-triarylpyrazolines: synthesis, CHâ‹Ï€ interactions guided self-assembly and effect of alkyloxy chain length on DNA binding properties. New Journal of Chemistry, 2014, 38, 5617-5625.	1.4	42
23	New heteroleptic palladium(II) dithiocarbamates: synthesis, characterization, packing and anticancer activity against five different cancer cell lines. Applied Organometallic Chemistry, 2016, 30, 392-398.	1.7	38
24	Influence of oxygen vacancies on the structural, dielectric, and magnetic properties of (Mn, Co) co-doped ZnO nanostructures. Journal of Materials Science: Materials in Electronics, 2018, 29, 9785-9795.	1.1	36
25	Enhancement of dielectric and energy density properties in the PVDFâ€based copolymer/terpolymer blends. Polymer Engineering and Science, 2015, 55, 1396-1402.	1.5	33
26	Three dimensional rosette-rod TiO2/Bi2S3 heterojunction for enhanced photoelectrochemical water splitting. Journal of Alloys and Compounds, 2021, 868, 159133.	2.8	33
27	Self-assembled pentagonal bipyramidal and skew trapezoidal organotin(IV) complexes of substituted benzoic acids: Their antibacterial, antifungal, cytotoxic, insecticidal and urease inhibition activities. Inorganica Chimica Acta, 2011, 370, 27-35.	1.2	32
28	New supramolecular ferrocenyl amides: synthesis, characterization, and preliminary DNA-binding studies. Journal of Coordination Chemistry, 2012, 65, 969-979.	0.8	32
29	Structural, dielectric and magnetic properties of (Al, Ni) co-doped ZnO nanoparticles. Journal of Materials Science: Materials in Electronics, 2017, 28, 4333-4339.	1.1	32
30	Structural, optical, dielectric and magnetic properties of PVP coated magnetite (Fe3O4) nanoparticles. Journal of Materials Science: Materials in Electronics, 2018, 29, 20040-20050.	1.1	31
31	Electrochemical oxidation of hydantoins at glassy carbon electrode. Electrochimica Acta, 2012, 80, 108-117.	2.6	30
32	Homobimetallic organotin(IV) complexes with hexadentate Schiff base: Synthesis, crystal structure and antimicrobial studies. Journal of Organometallic Chemistry, 2014, 759, 19-26.	0.8	30
33	Monofunctional platinum(<scp>ii</scp>) dithiocarbamate complexes: synthesis, characterization and anticancer activity. RSC Advances, 2016, 6, 110517-110524.	1.7	30
34	Bioactive hepta- and penta-coordinated supramolecular diorganotin(IV) Schiff bases. Journal of Organometallic Chemistry, 2013, 741-742, 59-66.	0.8	29
35	Synthesis, crystal structure description, electrochemical, and DNA-binding studies of â€œpaddlewheelâ€• copper(II) carboxylate. Journal of Coordination Chemistry, 2014, 67, 1731-1745.	0.8	29
36	A non-enzymatic glucose sensor based on CuO-nanostructure modified carbon ceramic electrode. Journal of Molecular Liquids, 2017, 248, 425-431.	2.3	29

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37	MoN-decorated nitrogen doped carbon nanotubes anode with high lithium storage performance. Electrochimica Acta, 2016, 190, 988-996.	2.6	28
38	New ternary platinum(II) dithiocarbamates: Synthesis, characterization, anticancer, DNA binding and DNA denaturing studies. Inorganic Chemistry Communication, 2019, 103, 12-20.	1.8	28
39	Synthesis, spectroscopic characterization, and crystal structures of two chlorodiorganotin(IV) 4-(2-methoxyphenyl)piperazine-1-carbodithioates. Inorganica Chimica Acta, 2008, 361, 3322-3326.	1.2	27
40	Enhanced photoelectrochemical water splitting using gadolinium doped titanium dioxide nanorod array photoanodes. International Journal of Hydrogen Energy, 2020, 45, 2709-2719.	3.8	27
41	Synthesis, spectroscopic properties, X-ray single crystal analysis and antimicrobial activities of organotin(IV) 4-(4-methoxyphenyl)piperazine-1-carbodithioates. Inorganica Chimica Acta, 2011, 376, 381-388.	1.2	26
42	New mononuclear organotin(IV) 4-benzhydrylpiperazine-1-carbodithioates: Synthesis, spectroscopic characterization, X-ray structures and in vitro antimicrobial activities. Inorganica Chimica Acta, 2011, 373, 187-194.	1.2	26
43	New homobimetallic organotin(IV) dithiocarbamates as potent antileishmanial agents. Journal of Coordination Chemistry, 2014, 67, 3414-3430.	0.8	25
44	Organotin(IV) 4-(benzo[d][1,3]dioxol-5-ylmethyl)piperazine-1-carbodithioates: Synthesis, characterization and biological activities. Journal of Organometallic Chemistry, 2018, 856, 13-22.	0.8	25
45	Catalytic and photocatalytic efficacy of hexagonal CuS nanoplates derived from copper(II) dithiocarbamate. Materials Chemistry and Physics, 2020, 242, 122408.	2.0	25
46	Static magnetic properties of Maghemite nanoparticles. Journal of the Korean Physical Society, 2014, 65, 1925-1929.	0.3	24
47	Syntheses, structural characteristics, and antimicrobial activities of new organotin(IV) 3-(4-bromophenyl)-2-ethylacrylates. Journal of Coordination Chemistry, 2012, 65, 3766-3775.	0.8	23
48	Single source precursor synthesized CuS nanoparticles for NIR phototherapy of cancer and photodegradation of organic carcinogen. Journal of Photochemistry and Photobiology B: Biology, 2021, 214, 112084.	1.7	22
49	Two new monofunctional platinum(<scp>ii</scp>) dithiocarbamate complexes:phenanthriplatin-type axial protection, equatorial-axial conformational isomerism, and anticancer and DNA binding studies. Dalton Transactions, 2020, 49, 15385-15396.	1.6	21
50	Structural studies of diethyltin(IV) derivatives and their biological aspects as potential antitumor agents against Agrobacterium tumefacien cells. Applied Organometallic Chemistry, 2011, 25, 412-419.	1.7	20
51	New dimeric and supramolecular mixed ligand Palladium(II) dithiocarbamates as potent DNA binders. Polyhedron, 2012, 39, 1-8.	1.0	20
52	Effect of air annealing on the structure, dielectric and magnetic properties of (Co, Ni) co-doped SnO2 nanoparticles. Journal of Materials Science: Materials in Electronics, 2016, 27, 10532-10540.	1.1	20
53	Effect of annealing on Ni-doped ZnO nanoparticles synthesized by the co-precipitation method. Journal of Materials Science: Materials in Electronics, 2017, 28, 10122-10130.	1.1	19
54	Structure and magnetic properties of (Co, Mn) co-doped ZnO diluted magnetic semiconductor nanoparticles. Journal of Materials Science: Materials in Electronics, 2018, 29, 32-37.	1.1	19

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55	Copper sulfide nanostructures: synthesis and biological applications. RSC Advances, 2022, 12, 7550-7567.	1.7	19
56	Heteroleptic Pd(II) dithiocarbamates: synthesis, characterization, packing and in vitro anticancer activity against HeLa cell line. Journal of Coordination Chemistry, 2015, 68, 2539-2551.	0.8	18
57	Solar-light driven photocatalytic conversion of p -nitrophenol to p -aminophenol on CdS nanosheets and nanorods. Inorganic Chemistry Communication, 2017, 79, 99-103.	1.8	18
58	Two new heteroleptic ruthenium(II) dithiocarbamates: synthesis, characterization, DFT calculation and DNA binding. Journal of Coordination Chemistry, 2017, 70, 279-295.	0.8	18
59	New tetrahedral, square-pyramidal, trigonal-bipyramidal and octahedral organotin(IV) 4-ethoxycarbonylpiperazine-1-carbodithioates: Synthesis, structural properties and biological applications. Journal of Organometallic Chemistry, 2010, 695, 1526-1532.	0.8	17
60	Photochemistry and electrochemistry of anticancer uracils. Journal of Photochemistry and Photobiology B: Biology, 2012, 117, 269-277.	1.7	17
61	Synthesis and electrochemical investigations of piperazines. Electrochimica Acta, 2016, 220, 705-711.	2.6	17
62	Homobimetallic zinc(II) dithiocarbamates: synthesis, characterization and in vivo antihyperglycemic activity. Journal of Coordination Chemistry, 2016, 69, 551-561.	0.8	17
63	Zn, Cd and Hg complexes with unsymmetric thiourea derivatives; syntheses, free radical scavenging and enzyme inhibition essay. Journal of Molecular Structure, 2020, 1211, 128096.	1.8	17
64	High Yield Synthesis, Detailed Spectroscopic Characterization and Electrochemical Fate of Novel Cationic Surfactants. Journal of Surfactants and Detergents, 2014, 17, 243-251.	1.0	16
65	New 3D and 2D supramolecular heteroleptic palladium(II) dithiocarbamates as potent anticancer agents. Journal of Coordination Chemistry, 2016, 69, 2999-3009.	0.8	16
66	New ternary palladium(II) complexes: Synthesis, characterization, in vitro anticancer and antioxidant activities. Inorganic Chemistry Communication, 2019, 105, 140-146.	1.8	16
67	Synthesis, Characterization and Investigation of Different Properties of Three Novel Thioureaâ€Based Nonâ€ionic Surfactants. Journal of Surfactants and Detergents, 2014, 17, 1013-1019.	1.0	15
68	Synthesis, characterization, cytotoxicity and computational studies of new phosphineâ€•and carbodithioateâ€based palladium(II) complexes. Applied Organometallic Chemistry, 2017, 31, e3771.	1.7	15
69	Organotin(IV) derivatives of amide-based carboxylates: Synthesis, spectroscopic characterization, single crystal studies and antimicrobial, antioxidant, cytotoxic, anti-leishmanial, hemolytic, noncancerous, anticancer activities. Inorganica Chimica Acta, 2020, 505, 119433.	1.2	15
70	Detailed Electrochemical Probing of a Biologically Active Isoquinoline. Journal of the Electrochemical Society, 2013, 160, H597-H603.	1.3	14
71	Synthesis, spectroscopic characterization and pH dependent photometric and electrochemical fate of Schiff bases. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 138, 58-66.	2.0	14
72	A prolegomena of periodate and peroxide chemiluminescence. TrAC - Trends in Analytical Chemistry, 2020, 122, 115722.	5.8	14

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73	Antimony(III) dithiocarbamates: Crystal structures, supramolecular aggregations, DNA binding, antioxidant and antileishmanial activities. Polyhedron, 2021, 194, 114909.	1.0	14
74	Co and Ni assisted CdS@g-C3N4 nanohybrid: A photocatalytic system for efficient hydrogen evolution reaction. Materials Chemistry and Physics, 2021, 259, 124140.	2.0	14
75	Synthesis and structural characterization of monomeric and polymeric supramolecular organotin(IV) 4-chlorophenylethanoates. Journal of Coordination Chemistry, 2014, 67, 1110-1120.	0.8	13
76	Facile photocatalytic reduction of carcinogenic Cr(<scp>vi</scp>) on Fe-doped copper sulfide nanostructures. RSC Advances, 2020, 10, 27377-27386.	1.7	13
77	New supramolecular ferrocenyl phenylguanidines as potent antimicrobial and DNA-binding agents. Journal of Coordination Chemistry, 2013, 66, 1959-1973.	0.8	12
78	Electro-codeposition of V2O5-polyaniline composite on Ni foam as an electrode for supercapacitor. Journal of Materials Science: Materials in Electronics, 2020, 31, 21035-21045.	1.1	12
79	Supramolecular organotin(IV) dithiocarboxylates as potential antimicrobial agents. Journal of Coordination Chemistry, 2012, 65, 3238-3253.	0.8	11
80	Redox Behavior of a Derivative of Vitamin K at a Glassy Carbon Electrode. Journal of the Electrochemical Society, 2012, 159, G112-G116.	1.3	11
81	Structural and biological studies of new monomeric, tetrameric, and polymeric organotin(IV) esters of 3-(benzo[d][1,3]dioxol-4-yl)propanoic acid. Journal of Coordination Chemistry, 2013, 66, 868-860.	0.8	11
82	Redox behavior of a novel menadiol derivative at glassy carbon electrode. Electrochimica Acta, 2013, 88, 858-864.	2.6	11
83	Synthesis, Characterization and Effect of a Solvent Mixture on the CMC of a Thioâ€Based Novel Cationic Surfactant Using a UVâ€“Visible Spectroscopic Technique. Journal of Surfactants and Detergents, 2014, 17, 501-507.	1.0	11
84	Humidity-sensing and DNA-binding ability of bis(4-benzylpiperazine-1-carbodithioato-k² S,Sâ€²)nickel(II). Journal of Coordination Chemistry, 2015, 68, 295-307.	0.8	11
85	Polymorphism in a Sulfamethoxazole Derivative: Coexistence of Five Polymorphs in Methanol at Room Temperature. Crystal Growth and Design, 2015, 15, 4750-4755.	1.4	11
86	Efficient Solar Light Driven Photocatalytic Degradation of Congo Red Dye on CdS Nanostructures Derived from Single Source Precursor. Journal of Nanoscience and Nanotechnology, 2018, 18, 7405-7413.	0.9	11
87	Electrochemical Characterization, Detoxification and Anticancer activity of Didodecyldimethylammonium Bromide. International Journal of Organic Chemistry, 2011, 01, 183-190.	0.3	10
88	Synthesis, Spectroscopic Characterization, pH Dependent Electrochemistry and Computational Studies of Piperazinic Compounds. Journal of the Electrochemical Society, 2015, 162, H32-H39.	1.3	10
89	Heteroleptic Palladium(II) dithiocarbamates: Synthesis, characterization and inÂvitro biological screening. Journal of Molecular Structure, 2018, 1156, 564-570.	1.8	10
90	Resistive- and capacitive-type humidity and temperature sensors based on a novel caged nickel sulfide for environmental monitoring. Journal of Materials Science: Materials in Electronics, 2020, 31, 3557-3563.	1.1	10

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91	Iranian Chemical Society, 2006, 3, 157-160.	1.2	9
92	Cost Effective Procedures for Extremely Efficient Synthesis of Environmental Friendly Surfactants. Tenside, Surfactants, Detergents, 2013, 50, 160-168.	0.5	9
93	Photoreduction of 4-Nitrophenol to 4-Aminophenol Using CdS Nanorods. Journal of Nanoscience and Nanotechnology, 2018, 18, 7516-7522.	0.9	9
94	Molecular, supramolecular, DNA-binding and biological studies of piperazine and piperidine based dithiocarbamates of biocompatible copper. Inorganic Chemistry Communication, 2020, 121, 108190.	1.8	9
95	Scaling-up photocatalytic activity of CdS from nanorods to nanowires for the MB degradation. Inorganic Chemistry Communication, 2021, 130, 108744.	1.8	9
96	Anti-neuropathic pain activity of a cationic palladium (II) dithiocarbamate by suppressing the inflammatory mediators in paclitaxel-induced neuropathic pain model. Molecular Biology Reports, 2021, 48, 7647-7656.	1.0	9
97	Redox behavior of juglone in buffered aq.: Ethanol media. Comptes Rendus Chimie, 2013, 16, 1140-1146.	0.2	8
98	Solar light driven photoelectrochemical water splitting using Mn-doped CdS quantum dots sensitized hierarchical rosette-rod TiO2 photoanodes. Journal of Electroanalytical Chemistry, 2022, 916, 116384.	1.9	8
99	New Supramolecular Triorganotin(IV) Dithiocarboxylates as Potential Antibacterial Agents. Heteroatom Chemistry, 2012, 23, 560-567.	0.4	7
100	3-(4-Bromophenyl)-2-methylacrylic acid. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2174-o2175.	0.2	6
101	Detailed Electrochemical Probing of the pH Dependent Redox Behavior of 1-methoxyphenazine. Journal of the Electrochemical Society, 2013, 160, H765-H769.	1.3	6
102	Electrodeposited thick coatings of V2O5 on Ni foam as binder free electrodes for supercapacitors. Bulletin of Materials Science, 2020, 43, 1.	0.8	6
103	Nitrogen-rich mesoporous carbon for high temperature reversible CO2 capture. Journal of CO2 Utilization, 2021, 43, 101375.	3.3	6
104	Surfactant-free synthesis of CdS nanorods for efficient reduction of carcinogenic Cr(VI). Journal of Coordination Chemistry, 2021, 74, 1628-1640.	0.8	6
105	(E)-2-(2-Fluorobenzylidene)butanoic acid. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o733-o733.	0.2	6
106	Biologically Active New N, N', N''-Tri-Substituted Ferrocenyl Phenylguanidines and their Characterization. Medicinal Chemistry, 2016, 12, 684-698.	0.7	6
107	Bis(4-benzylpiperidine-1-carbodithioato-Î²2S,Sâ€²)dimethyltin(IV). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m431-m432.	0.2	5
108	Synthesis and Spectrophotometric Study of Toxic Metals Extraction by Novel Thio-Based Non-Ionic Surfactant. Tenside, Surfactants, Detergents, 2015, 52, 406-413.	0.5	5

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109	Metal- and Carbon-Based Materials as Heterogeneous Electrocatalysts for CO₂ Reduction. Journal of Nanoscience and Nanotechnology, 2018, 18, 3031-3048.	0.9	5
110	Platinum(II) dithiocarbamate complexes [Pt(S2CNR2)Cl(PAr3)] as anticancer and DNA-damaging agents. Inorganica Chimica Acta, 2020, 512, 119853.	1.2	5
111	Structural chemistry and anticancer activity of new heteroleptic palladium(II) carbodithioates. Journal of Molecular Structure, 2021, 1225, 129058.	1.8	5
112	Kinetic and toxicological effects of synthesized palladium(II) complex on snake venom (Bungarus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2021, 27, e20200047.	0.8	5
113	4-(4-Methoxyphenyl)piperazin-1-ium chloride. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o503-o503.	0.2	5
114	Dibutylchloro[4-(4-nitrophenyl)piperazine-1-carbodithioato-Î²2S,Sâ€²]tin(IV). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m89-m90.	0.2	4
115	1,3-Di-o-tolylthiourea. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o634-o635.	0.2	4
116	Steric and Electronic Influence on the Coordination Aptitude of 4-Formylpiperazine-1-Carbodithioate Towards Triorganotin(IV) Moieties. Heteroatom Chemistry, 2015, 26, 123-133.	0.4	4
117	Mercury(II) dithiocarbamates: Structural aspects and their use as single-source precursors for shape-controlled facile synthesis of HgS nanoparticles. Polyhedron, 2021, 193, 114876.	1.0	4
118	A copper diimineâ€based honeycombâ€like porous network as an efficient reduction catalyst. Applied Organometallic Chemistry, 2021, 35, .	1.7	4
119	Green synthesis of mesoporous MoS₂ nanoflowers for efficient photocatalytic degradation of Congo red dye. Journal of Coordination Chemistry, 2021, 74, 2302-2314.	0.8	4
120	Bis[2-(3-chlorobenzylidene)propanoato-Î²2O,Oâ€²]diethyltin(IV). Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m946-m947.	0.2	4
121	2-Methyl-3-(3-methylphenyl)acrylic acid. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1373-o1373.	0.2	4
122	New [Pt(S2CNR2)Cl(PAr3)] complexes as anticancer agents. Inorganic Chemistry Communication, 2022, 136, 109142.	1.8	4
123	Chlorodiethyl[4-(4-nitrophenyl)piperazine-1-carbodithioato]tin(IV). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m3560-m3561.	0.2	3
124	Probing of the pH-Dependent Redox Mechanism of a Biologically Active Compound, 5,8-Dihydroxynaphthalene-1,4-dione. Australian Journal of Chemistry, 2014, 67, 206.	0.5	3
125	Structural features, anticancer, antioxidant and anti-acetylcholinesterase studies of [(DTCs)(PAr3)PdCl]. Inorganic Chemistry Communication, 2021, 123, 108316.	1.8	3
126	Electrical and hysteric properties of organic compound-based humidity sensor and its dualistic interactive approach to H2O molecules. Materials Today Communications, 2021, 29, 102882.	0.9	3

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127	catena-Poly[[trimethyltin(IV)]-Î¼-[(E)-2-methyl-3-(3-methylphenyl)acrylato-Îº2O:Oâ€²]]. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m978-m978.	0.2	3
128	The investigation of CdS-quantum-dot-sensitized Ag-deposited TiO₂ NRAs in photoelectrochemical hydrogen production. New Journal of Chemistry, 2022, 46, 9290-9297.	1.4	3
129	1,3-Bis(4-bromophenyl)thiourea. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o632-o633.	0.2	2
130	Self-Assembled Heteroleptic Zn(II) Dithiocarbamate-Based 2D-Interwoven Supramolecular Giant Macrocycles and Their Redox Properties. Heteroatom Chemistry, 2014, 25, 238-244.	0.4	2
131	Exploring the hydrogen-bonding interactions in the piperazinylethanol substituted homoleptic zinc(II)-dithiocarbamate and its diimine 2,2â€²-bipyridyl and 1,10-phenanthroline adducts, and their DNA binding studies. Journal of Molecular Structure, 2022, 1263, 133106.	1.8	2
132	3-(4-Bromophenyl)-2-ethylacrylic acid. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2557-o2558.	0.2	1
133	E- and chemoselective thia-Michael addition to benzyl allenoate. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 969-975.	0.8	1
134	Identification of novel C-2 symmetric Bis-Azo-Azamethine molecules as competitive inhibitors of mushroom tyrosinase and free radical scavengers: synthesis, kinetics, and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2022, 40, 4419-4428.	2.0	1
135	6-[(2,4-Dimethylanilino)methylidene]-2-hydroxycyclohexa-2,4-dienone. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o871-o871.	0.2	1
136	3-(4-Chlorophenyl)-2-methylacrylic acid. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1542-o1542.	0.2	1
137	2-(4-Ethoxybenzylidene)butanoic acid. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1458-o1458.	0.2	1
138	2-(4-Isopropylbenzylidene)propanoic acid. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1456-o1456.	0.2	1
139	2-Methyl-3-(4-nitrophenyl)acrylic acid. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1717-o1718.	0.2	0
140	Electrochemical investigations of unexplored anthraquinones and their DNA binding. Journal of Electrochemical Science and Engineering, 2013, , .	1.6	0