Kamran T Mahmudov

List of Publications by Year
in descending order

133	4,747	50170	114278
papers	citations	46 h-index	63 g-index

149	149	149	3151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chalcogen bonding in synthesis, catalysis and design of materials. Dalton Transactions, 2017, 46, 10121-10138.	1.6	343
2	Non-covalent interactions in the synthesis of coordination compounds: Recent advances. Coordination Chemistry Reviews, 2017, 345, 54-72.	9.5	250
3	Noncovalent interactions in metal complex catalysis. Coordination Chemistry Reviews, 2019, 387, 32-46.	9.5	207
4	Barbituric acids as a useful tool for the construction of coordination and supramolecular compounds. Coordination Chemistry Reviews, 2014, 265, 1-37.	9.5	140
5	Resonanceâ€Assisted Hydrogen Bonding as a Driving Force in Synthesis and a Synthon in the Design of Materials. Chemistry - A European Journal, 2016, 22, 16356-16398.	1.7	132
6	Pnictogen bonding in coordination chemistry. Coordination Chemistry Reviews, 2020, 418, 213381.	9.5	110
7	Coordination chemistry of arylhydrazones of methylene active compounds. Coordination Chemistry Reviews, 2013, 257, 1244-1281.	9.5	96
8	Ortho-Hydroxyphenylhydrazo-Î²-Diketones: Tautomery, Coordination Ability, and Catalytic Activity of Their Copper(II) Complexes toward Oxidation of Cyclohexane and Benzylic Alcohols. Inorganic Chemistry, 2011, 50, 918-931.	1.9	89
9	New copper(II) dimer with 3-(2-hydroxy-4-nitrophenylhydrazo)pentane-2,4-dione and its catalytic activity in cyclohexane and benzyl alcohol oxidations. Journal of Molecular Catalysis A, 2010, 318, 44-50.	4.8	79
10	Complexes of copper(ii) with 3-(ortho-substituted phenylhydrazo)pentane-2,4-diones: syntheses, properties and catalytic activity for cyclohexane oxidation. Dalton Transactions, 2011, 40, 2822.	1.6	72
11	Template Syntheses of Copper(II) Complexes from Arylhydrazones of Malononitrile and their Catalytic Activity towards Alcohol Oxidations and the Nitroaldol Reaction: Hydrogen Bondâ€Assisted Ligand Liberation and E/Z Isomerisation. Chemistry - A European Journal, 2013, 19, 588-600.	1.7	71
12	Zinc(ii) ortho-hydroxyphenylhydrazo-Î²-diketonate complexes and their catalytic ability towards diastereoselective nitroaldol (Henry) reaction. Dalton Transactions, 2011, 40, 5352.	1.6	69
13	Poly(vinyl) chloride membrane copper-selective electrode based on 1-phenyl-2-(2-hydroxyphenylhydrazo)butane-1,3-dione. Journal of Hazardous Materials, 2011, 186, 1154-1162.	6.5	68
14	pH dependent synthesis of Zn(<scp>ii</scp>) and Cd(<scp>ii</scp>) coordination polymers with dicarboxyl-functionalized arylhydrazone of barbituric acid: photoluminescence properties and catalysts for Knoevenagel condensation. New Journal of Chemistry, 2016, 40, 1535-1546.	1.4	66
15	Water-Soluble Cobalt(II) and Copper(II) Complexes of 3-(5-Chloro-2-hydroxy-3-sulfophenylhydrazo)pentane-2,4-dione as Building Blocks for 3D Supramolecular Networks and Catalysts for TEMPO-Mediated Aerobic Oxidation of Benzylic Alcohols. European Journal of Inorganic Chemistry, 2011, 2011, 4175-4181.	1.0	63
16	Cyclic carbonate synthesis from CO2 and epoxides using zinc(II) complexes of arylhydrazones of Î²-diketones. Journal of Catalysis, 2016, 335, 135-140.	3.1	62
17	Chalcogen bonding in coordination chemistry. Coordination Chemistry Reviews, 2022, 464, 214556.	9.5	61
18	Microwave-assisted and solvent-free peroxidative oxidation of 1-phenylethanol to acetophenone with a CuIIâ€“TEMPO catalytic system. Catalysis Communications, 2014, 48, 69-72.	1.6	59

#	Article	IF	Citations
19	TEMPO in metal complex catalysis. Coordination Chemistry Reviews, 2020, 423, 213482.	9.5	59
20	Hydrogen bond assisted activation of a dinitrile towards nucleophilic attack. Chemical Communications, 2011, 47, 7248.	2.2	55
21	Lanthanide metal organic frameworks based on dicarboxyl-functionalized arylhydrazone of barbituric acid: syntheses, structures, luminescence and catalytic cyanosilylation of aldehydes. Dalton Transactions, 2017, 46, 8649-8657.	1.6	55
22	Trinuclear Cu^{II} Structural Isomers: Coordination, Magnetism, Electrochemistry and Catalytic Activity towards the Oxidation of Alkanes. European Journal of Inorganic Chemistry, 2015, 2015, 3959-3969.	1.0	54
23	Copper(II) arylhydrazone complexes as catalysts for C H activation in the Henry reaction in water. Journal of Molecular Catalysis A, 2017, 426, 526-533.	4.8	54
24	Water-soluble heterometallic copper(II)-sodium complex comprising arylhydrazone of barbituric acid as a ligand. Inorganic Chemistry Communication, 2012, 22, 187-189.	1.8	53
25	Cooperative Metalâ€“Ligand Assisted E/Z Isomerization and Cyano Activation at Cu^{II} and Co^{II} Complexes of Arylhydrazones of Active Methylene Nitriles. Inorganic Chemistry, 2014, 53, 9946-9958.	1.9	53
26	Copper(II) complexes of arylhydrazones of Î²-diketones immobilized on Znâ€“Al layered double hydroxides as effective recyclable catalysts for peroxidative oxidation of alkanes. Applied Catalysis A: General, 2012, 439-440, 15-23.	2.2	52
27	Trends in properties of paraâ€substituted 3â€(phenylhydrazo)pentaneâ€2,4â€diones. Journal of Physical Organic Chemistry, 2011, 24, 764-773.	0.9	51
28	Di- and tri-organotin(IV) complexes of arylhydrazones of methylene active compounds and their antiproliferative activity. Journal of Organometallic Chemistry, 2014, 760, 67-73.	0.8	51
29	(E)-2-(2-(2-hydroxyphenyl)hydrazono)-1-phenylbutane-1,3-dione: Tautomery and coordination to copper(II). Inorganica Chimica Acta, 2011, 374, 175-180.	1.2	50
30	Aquasoluble iron(III)-arylhydrazone-Î²-diketone complexes: Structure and catalytic activity for the peroxidative oxidation of C5â€“C8 cycloalkanes. Journal of Inorganic Biochemistry, 2012, 115, 72-77.	1.5	50
31	Iron(<scp>iii</scp>) and cobalt(<scp>iii</scp>) complexes with both tautomeric (keto and enol) forms of aroylhydrazone ligands: catalysts for the microwave assisted oxidation of alcohols. RSC Advances, 2016, 6, 8079-8088.	1.7	50
32	DNA and BSA binding and cytotoxic properties of copper(<scp>ii</scp>) and iron(<scp>iii</scp>) complexes with arylhydrazone of ethyl 2-cyanoacetate or formazan ligands. New Journal of Chemistry, 2017, 41, 4076-4086.	1.4	50
33	Ion Pairs of 5,5-dimethyl-2-(2-hydroxy-3,5-disulfophenylhydrazo)cyclohexane-1,3-dione with Cationic Surface-Active Substances as Analytical Reagent for Determination of Copper(II). Analytical Letters, 2010, 43, 2923-2938.	1.0	49
34	Copper(ii) complexes with a new carboxylic-functionalized arylhydrazone of Î²-diketone as effective catalysts for acid-free oxidations. New Journal of Chemistry, 2012, 36, 1646.	1.4	49
35	Zinc(II)-1,3,5-triazapentadienate complex as effective catalyst in Henry reaction. Catalysis Today, 2013, 217, 76-79.	2.2	49
36	Copper(II) complexes with carboxylic- or sulfonic-functionalized arylhydrazones of acetoacetanilide and their application in cyanosilylation of aldehydes. Journal of Organometallic Chemistry, 2017, 834, 22-27.	0.8	49

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37	3-(para-Substituted phenylhydrazo)pentane-2,4-diones: Physicochemical and solvatochromic properties. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 219, 159-165.	2.0	48
38	Aqua complex of iron(III) and 5-chloro-3-(2-(4,4-dimethyl-2,6-dioxocyclohexylidene)hydrazinyl)-2-hydroxybenzenesulfonate: Structure and catalytic activity in Henry reaction. Journal of Molecular Structure, 2013, 1048, 108-112.	1.8	48
39	Halogen-bonded tris(2,4-bis(trichloromethyl)-1,3,5-triazapentadienato)-M(iii) [M = Mn, Fe, Co] complexes and their catalytic activity in the peroxidative oxidation of 1-phenylethanol to acetophenone. New Journal of Chemistry, 2014, 38, 4807-4815.	1.4	48
40	Resonance Assisted Chalcogen Bonding as a New Synthon in the Design of Dyes. Chemistry - A European Journal, 2020, 26, 14833-14837.	1.7	48
41	Quantum-chemical calculations, tautomeric, thermodynamic, spectroscopic and X-ray studies of 3-(4-fluorophenylhydrazone)pentane-2,4-dione. Dyes and Pigments, 2010, 85, 1-6.	2.0	47
42	Heterometallic Copper(II)â€“Potassium 3D Coordination Polymers Driven by Multifunctionalized Azo Derivatives of Î²-Diketones. Crystal Growth and Design, 2011, 11, 4247-4252.	1.4	47
43	Lanthanide derivatives comprising arylhydrazones of Î²-diketones: cooperative E/Z isomerization and catalytic activity in nitroaldol reaction. Dalton Transactions, 2015, 44, 5602-5610.	1.6	47
44	Tetrel, halogen and hydrogen bonds in bis (4-((E) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td ()-(2,2-dichloro-1-(4-substitutedphenyl)vi 377-381.	2.0	47
45	2-Dihydromethylpiperazinediium-M^{II}(M^{II}= Cu^{II}, Fe^{II},) Tj ETQq1 1 0.784314 rgBT /Ov nitroaldol (Henry) reaction. Dalton Transactions, 2013, 42, 399-406.	1.6	46
46	Effective cyanosilylation of aldehydes with copper(II)-based polymeric catalysts. Molecular Catalysis, 2017, 428, 17-23.	1.0	46
47	Pnicogen, halogen and hydrogen bonds in (E)-1-(2,2-dichloro-1-(2-nitrophenyl)vinyl)-2-(para-substituted) Tj ETQq1 1 0.784314 rgBT /Ov	2.0	46
48	Role of substituents on resonance assisted hydrogen bonding vs. intermolecular hydrogen bonding. CrystEngComm, 2020, 22, 628-633.	1.3	45
49	Waterâ€Soluble Copper(II) Complexes with a Sulfonicâ€Functionalized Arylhydrazone of Î²â€Diketone and Their Application in Peroxidative Allylic Oxidation of Cyclohexene. European Journal of Inorganic Chemistry, 2012, 2012, 2305-2313.	1.0	44
50	Polynuclear Copper(II) Complexes as Catalysts for the Peroxidative Oxidation of Cyclohexane in a Roomâ€Temperature Ionic Liquid. European Journal of Inorganic Chemistry, 2014, 2014, 4541-4550.	1.0	43
51	Peroxides in metal complex catalysis. Coordination Chemistry Reviews, 2021, 437, 213859.	9.5	41
52	Noncovalent interactions in the design of bis-azo dyes. CrystEngComm, 2019, 21, 5032-5038.	1.3	39
53	Copper(II) complex with 3-(2-hydroxy-3-sulfo-5-nitrophenylhydrazo)pentane-2,4-dione: Synthesis and structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 704-709.	0.3	34
54	Photometric determination of copper(II) in nickel alloys using azoderivatives of ethyl acetoacetate. Journal of Analytical Chemistry, 2008, 63, 435-438.	0.4	33

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55	Copper(<scp>ii</scp>) and iron(<scp>iii</scp>) complexes with arylhydrazone of ethyl 2-cyanoacetate or formazan ligands as catalysts for oxidation of alcohols. New Journal of Chemistry, 2016, 40, 10071-10083.	1.4	32
56	Cyanosilylation of aldehydes catalyzed by mixed ligand copper(II) complexes. Inorganica Chimica Acta, 2018, 471, 130-136.	1.2	32
57	Halogen bonding in Wagner-Meerwein rearrangement products. Journal of Molecular Liquids, 2018, 249, 949-952.	2.3	32
58	Mn^{II}and Cu^{II}complexes with arylhydrazones of active methylene compounds as effective heterogeneous catalysts for solvent- and additive-free microwave-assisted peroxidative oxidation of alcohols. RSC Advances, 2015, 5, 25979-25987.	1.7	31
59	Quantum-chemical calculations of the tautomeric forms of 3-phenylazopentane-2,4-dione and the thermodynamic parameters of complexation between its isomers and some metals in aqueous ethanol. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 304-308.	0.3	30
60	Complexation of copper(II) with 3-(2-hydroxyphenylazo)pentadione-2,4. Journal of Analytical Chemistry, 2006, 61, 550-555.	0.4	30
61	Reaction of sodium 2-(2-(2,4-dioxopentan-3-ylidene)hydrazinyl) benzenesulfonate with ethylenediamine on Cu(<scp>ii</scp>) and Ni(<scp>ii</scp>) centres: efficient Cu(<scp>ii</scp>) homogeneous catalysts for cyanosilylation of aldehydes. RSC Advances, 2016, 6, 54263-54269.	1.7	29
62	Tautomery and acidâ€“base properties of some azoderivatives of benzoylacetone. Journal of Molecular Liquids, 2011, 162, 84-88.	2.3	25
63	CO 2 + ionic liquid biphasic system for reaction/product separation in the synthesis of cyclic carbonates. Journal of Supercritical Fluids, 2018, 132, 71-75.	1.6	25
64	Synthesis, structure and electrochemical behaviour of Na, MgII, MnII, ZnII, CdII and NiII complexes of 3-(2-carboxyphenylhydrazone)pentane-2,4-dione. Polyhedron, 2013, 50, 374-382.	1.0	24
65	Arylhydrazone ligands as Cu-protectors and -catalysis promoters in the azideâ€“alkyne cycloaddition reaction. Dalton Transactions, 2019, 48, 1774-1785.	1.6	24
66	Unusual shift of a nitro group in a phenylhydrazo-Î²-diketone. Dalton Transactions, 2011, 40, 12472.	1.6	23
67	Inorganicâ€“organic hybrid double sulfates as catalysts ofÂtheÂdiastereoselective nitroaldol reaction. Journal of Organometallic Chemistry, 2013, 741-742, 136-140.	0.8	22
68	Halogen bonding in cadmium(<scp>ii</scp>) MOFs: its influence on the structure and on the nitroaldol reaction in aqueous medium. Dalton Transactions, 2022, 51, 1019-1031.	1.6	22
69	Double piperazinediium and 1,4-diazabicyclo[2.2.2]octanediium MII selenates (MII=CoII, NiII, CuII, ZnII) as effective catalysts for Henry reaction. Inorganica Chimica Acta, 2014, 412, 27-31.	1.2	21
70	Arylhydrazones of barbituric acid: synthesis, coordination ability and catalytic activity of their Co^{II}, Co^{II/III}and Cu^{II}complexes toward peroxidative oxidation of alkanes. RSC Advances, 2015, 5, 84142-84152.	1.7	19
71	Water soluble heterometallic potassium-dioxidovanadium(V) complexes as potential antiproliferative agents. Journal of Inorganic Biochemistry, 2016, 155, 17-25.	1.5	19
72	Noncovalent Interactions at Lanthanide Complexes. Chemistry - A European Journal, 2021, 27, 14370-14389.	1.7	19

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73	DNA and BSA binding, anticancer and antimicrobial properties of Co(<scp>ii</scp>), Co(<scp>ii</scp>/<scp>iii</scp>), Cu(<scp>ii</scp>) and Ag(<scp>i</scp>) complexes of arylhydrazones of barbituric acid. RSC Advances, 2016, 6, 4237-4249.	1.7	18
74	Copper(II) and cobalt(II,III) complexes of a new carboxylic-functionalized arylhydrazone of 5,5-dimethylcyclohexane-1,3-dione. Polyhedron, 2013, 60, 78-84.	1.0	17
75	Arylhydrazone Cd(II) and Cu(II) complexes as catalysts for secondary alcohol oxidation. Polyhedron, 2017, 129, 182-188.	1.0	17
76	Structural Versatility of Alkali Metal Coordination Polymers Driven by Arylhydrazones of Î²-Diketones. Crystal Growth and Design, 2013, 13, 5076-5084.	1.4	16
77	Interplay between Resonanceâ€Assisted Hydrogen Bonding and Coordination in Sulfoâ€Functionalized Arylhydrazones of Active Methylene Compounds. ChemPlusChem, 2014, 79, 1523-1531.	1.3	15
78	Molecular switching through cooperative ionic interactions and charge assisted hydrogen bonding. Dyes and Pigments, 2017, 138, 107-111.	2.0	15
79	Tautomeric equilibria of para-bromophenyl substituted arylhydrazones of Î²-diketones. Journal of Molecular Structure, 2011, 1006, 576-579.	1.8	14
80	1D Cu(II) coordination polymer derived from 2-(2-(2,4-dioxopentan-3-ylidene)hydrazinyl)benzenesulfonate chelator and pyrazine spacer. Journal of Molecular Structure, 2013, 1033, 127-130.	1.8	14
81	Quantum chemical simulations of solvent influence on UVâ€“vis spectra and orbital shapes of azoderivatives of diphenylpropane-1,3-dione. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 1287-1294.	2.0	13
82	Complexation of copper(II) with azo derivatives of benzoylacetone. Journal of Analytical Chemistry, 2007, 62, 1028-1031.	0.4	12
83	Role of tautomerism and solvatochromism in UVâ€“VIS spectra of arylhydrazones of Î²-diketones. Journal of Molecular Liquids, 2012, 171, 11-15.	2.3	12
84	1D Zn(II) coordination polymer of arylhydrazone of 5,5-dimethylcyclohexane-1,3-dione as a pre-catalyst for the Henry reaction. Catalysis Communications, 2016, 87, 49-52.	1.6	12
85	New copper(II) tetramer with arylhydrazone of barbituric acid and its catalytic activity in the oxidation of cyclic C5â€“C8 alkanes. Polyhedron, 2016, 117, 666-671.	1.0	12
86	One-pot insertion of chalcones into the benzoylacetone backbone. Journal of the Iranian Chemical Society, 2016, 13, 1-6.	1.2	12
87	Copper(II) coordination polymers of arylhydrazone of 1H-indene-1,3(2H)-dione linked by 4,4â€²-bipyridineor hexamethylenetetramine: Evaluation of catalytic activity in Henry reaction. Polyhedron, 2017, 133, 33-39.	1.0	12
88	Cyanosilylation of Aldehydes Catalyzed by Ag(I)- and Cu(II)-Arylhydrazone Coordination Polymers in Conventional and in Ionic Liquid Media. Catalysts, 2019, 9, 284.	1.6	12
89	Multinuclear Zn(II)-arylhydrazone complexes as catalysts for cyanosilylation of aldehydes. Journal of Organometallic Chemistry, 2020, 912, 121171.	0.8	12
90	Chalcogen and Hydrogen Bonds at the Periphery of Arylhydrazone Metal Complexes. Crystal Growth and Design, 2022, 22, 3932-3940.	1.4	12

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91	Synthesis, characterization and antimicrobial activity of arylhydrazones of methylene active compounds. Pharmaceutical Chemistry Journal, 2012, 46, 157-164.	0.3	11
92	CoII, NiII and UO2II complexes with Î²-diketones and their arylhydrazone derivatives: Synthesis, structure and catalytic activity in Henry reaction. Polyhedron, 2015, 101, 14-22.	1.0	11
93	Structural and thermal properties of three cyano-substituted azoderivatives of Î²-diketones. Journal of Molecular Structure, 2011, 992, 72-76.	1.8	10
94	Metal-free regioselective Câ€“C bond cleavage in 1,3,5-triazine derivatives of Î²-diketones. New Journal of Chemistry, 2014, 38, 495-498.	1.4	10
95	Role of Halogen Substituents on Halogen Bonding in 4,5-DiBromohexahydro-3a,6-Epoxyisoindol-1(4H)-ones. Crystals, 2021, 11, 112.	1.0	10
96	Structure and supramolecular arrangement of bis(2,4-bis(trichloromethyl)-1,3,5-triazapenta-dienato)-M(II) [M=Ni(II), Cu(II) and Pd(II)] complexes. Journal of Molecular Structure, 2013, 1041, 213-218.	1.8	9
97	Mononuclear nickel(II) complexes with arylhydrazones of acetoacetanilide and their catalytic activity in nitroaldol reaction. Inorganica Chimica Acta, 2018, 469, 197-201.	1.2	9
98	Hydrogen and halogen bonding in the haloetherification products in chalcone. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 342-347.	0.2	9
99	Knoevenagel condensation reaction in supercritical carbon dioxide medium using a Zn(II) coordination polymer as catalyst. Inorganica Chimica Acta, 2022, 538, 120981.	1.2	9
100	Thermochemical characteristics of complexation of some ions with 3-(4-bromophenylazo)pentane-2,4-dione in aqueous ethanol. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 536-541.	0.3	8
101	Quantum-chemical calculations of the tautomeric forms of azo derivatives of acetylacetone and determination of the stability constants of their complexes with rare-earth metals. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 241-246.	0.3	8
102	A hexanuclear metallacrown palladium(II) cluster derived from 2-mercaptoethanol. Inorganic Chemistry Communication, 2013, 29, 37-39.	1.8	8
103	Thermodynamic characteristics of metal complexation with 3-[4-iodophenylazo]-2,4-pentanedione in an aqueous ethanol solution. Russian Journal of Inorganic Chemistry, 2007, 52, 640-644.	0.3	7
104	Cyanosilylation of aldehydes catalyzed by lanthanide derivatives comprising arylhydrazones of Î²-diketones. Journal of Organometallic Chemistry, 2018, 867, 102-105.	0.8	7
105	Mechanochemical and Conventional Synthesis of Copper(II) Coordination Polymers Bearing Arylhydrazone of Acetoacetanilide and Their Catalytic Activity in Conversion of Acetone to Acetic Acid. ChemistrySelect, 2020, 5, 7923-7927.	0.7	7
106	A Bio-Based Alginate Aerogel as an Ionic Liquid Support for the Efficient Synthesis of Cyclic Carbonates from CO2 and Epoxides. Catalysts, 2021, 11, 872.	1.6	7
107	Water-soluble Al(<scp>iii</scp>), Fe(<scp>iii</scp>) and Cu(<scp>ii</scp>) formazanates: synthesis, structure, and applications in alkane and alcohol oxidations. New Journal of Chemistry, 2022, 46, 5002-5011.	1.4	7
108	Study of interaction in the system copper(II)-3-(2-hydroxy-3-sulfo-5-nitrophenylazo)pentadion-2,4-cationic surface-active substances. Journal of Analytical Chemistry, 2006, 61, 634-637.	0.4	6

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109	Thermodynamic characteristic of complex formation of some metals with 3-(4-chlorophenylazo)pentane-2,4-dione in aqueous ethanol. Russian Journal of Inorganic Chemistry, 2009, 54, 1407-1411.	0.3	6
110	Syntheses and some features of five new cyclohexane-1,3-dicarboxylates with multiple stereogenic centers. Journal of Molecular Structure, 2013, 1032, 83-87.	1.8	6
111	Mononuclear copper(ii) complexes of an arylhydrazone of 1H-indene-1,3(2H)-dione as catalysts for the oxidation of 1-phenylethanol in ionic liquid medium. RSC Advances, 2016, 6, 83412-83420.	1.7	6
112	Tetrel, Chalcogen, and Charge-Assisted Hydrogen Bonds in 2-((2-Carboxy-1-(substituted)-2-hydroxyethyl)thio) Pyridin-1-ium Chlorides. Crystals, 2017, 7, 327.	1.0	6
113	New cobalt(II) and nickel(II) complexes of 2-hydroxy-benzyl derivatives of 4-aminoantipyrine. Polyhedron, 2012, 44, 72-76.	1.0	5
114	New arylhydrazones of Î²-diketones and their optical and thermal properties. Journal of Molecular Structure, 2012, 1019, 16-20.	1.8	5
115	A straightforward synthesis of 2(3),6,6-trimethyl- 6,7-dihydrobenzofuran-4(5H)-ones. Mendeleev Communications, 2013, 23, 292-293.	0.6	5
116	Regioselective CC bond cleavage in arylhydrazones of 4,4,4-trifluoro-1-(thiophen-2-yl)butane-1,3-diones. Journal of Molecular Structure, 2013, 1050, 180-184.	1.8	5
117	Low-temperature equilibriums in solutions of isocyanide-phosphine complexes of palladium(II) chloride. Russian Journal of General Chemistry, 2017, 87, 2605-2611.	0.3	5
118	Pnicogen and chalcogen bonds in cyclometalated iridium(III) complexes. Inorganica Chimica Acta, 2018, 477, 31-33.	1.2	5
119	1st International Conference on Noncovalent Interactions. New Journal of Chemistry, 2019, 43, 13312-13314.	1.4	5
120	Uranyl complex with phenolateâ€“sulphonate and diphenyldiazenecarbohydrazonate ligands. Inorganic Chemistry Communication, 2013, 35, 13-15.	1.8	4
121	Catalytic effect of different hydroxyl-functionalised ionic liquids together with Zn(II) complex in the synthesis of cyclic carbonates from CO2. Molecular Catalysis, 2021, 499, 111292.	1.0	4
122	Thermodynamics of Dissociation of ortho-Hydroxyphenylhydrazo-Î²-diketones and of Their Complexation with Copper(II) in Aqueousâ€“Ethanol Solutions. Journal of Solution Chemistry, 2012, 41, 491-502.	0.6	3
123	In vitro characterization of arylhydrazones of active methylene derivatives. Saudi Pharmaceutical Journal, 2018, 26, 430-436.	1.2	3
124	Copper(II) Complexes of Arylhydrazone of 1H-Indene-1,3(2H)-dione as Catalysts for the Oxidation of Cyclohexane in Ionic Liquids. Catalysts, 2018, 8, 636.	1.6	3
125	N-Formylation of amines using arylhydrazones of malononitrile and a Cu(II) complex under eco-friendly conditions at room temperature. Inorganica Chimica Acta, 2020, 513, 119938.	1.2	3
126	Charge-assisted chalcogen bonding in 2-(4-substituted benzoyl)thiazolo[3,2-a]pyridin-4-ium bromides. Dyes and Pigments, 2022, 197, 109898.	2.0	3

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127	Co(II)-mediated synthesis of 2-carbamimidoylbenzoates and isoindole-1,3-diaminates. Tetrahedron, 2015, 71, 8622-8627.	1.0	2
128	Nitroaldol reaction catalyzed by arylhydrazone di- and triorganotin(IV) complexes. Journal of Organometallic Chemistry, 2018, 867, 98-101.	0.8	2
129	9-(2-Hydroxy-4,4-dimethyl-6-oxocyclohex-1-en-1-yl)-3,3-dimethyl-2,3,4,9-tetrahydro-1H-xanthen-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1606-o1606.	0.2	1
130	Biographical sketch of Professor Armando J. L. Pombeiro. Coordination Chemistry Reviews, 2019, 380, 601-603.	9.5	0
131	Frontispiece: Noncovalent Interactions at Lanthanide Complexes. Chemistry - A European Journal, 2021, 27, .	1.7	0
132	Noncovalent Interactions. Chemistry International, 2020, 42, 37-40.	0.3	0
133	Catalytic Disproportionation of Ethylbenzene over Ln-Modified HZSM-5 Zeolites. Petroleum Chemistry, 0, , .	0.4	0