

Kamran T Mahmudov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Charge-assisted chalcogen bonding in 2-(4-substituted benzoyl)thiazolo[3,2-a]pyridin-4-ium bromides. <i>Dyes and Pigments</i> , 2022, 197, 109898.	2.0	3
2	Halogen bonding in cadmium(II) MOFs: its influence on the structure and on the nitroaldol reaction in aqueous medium. <i>Dalton Transactions</i> , 2022, 51, 1019-1031.	1.6	22
3	Water-soluble Al(III), Fe(III) and Cu(II) formazanates: synthesis, structure, and applications in alkane and alcohol oxidations. <i>New Journal of Chemistry</i> , 2022, 46, 5002-5011.	1.4	7
4	Chalcogen bonding in coordination chemistry. <i>Coordination Chemistry Reviews</i> , 2022, 464, 214556.	9.5	61
5	Chalcogen and Hydrogen Bonds at the Periphery of Arylhydrazone Metal Complexes. <i>Crystal Growth and Design</i> , 2022, 22, 3932-3940.	1.4	12
6	Knoevenagel condensation reaction in supercritical carbon dioxide medium using a Zn(II) coordination polymer as catalyst. <i>Inorganica Chimica Acta</i> , 2022, 538, 120981.	1.2	9
7	Catalytic effect of different hydroxyl-functionalised ionic liquids together with Zn(II) complex in the synthesis of cyclic carbonates from CO ₂ . <i>Molecular Catalysis</i> , 2021, 499, 111292.	1.0	4
8	Role of Halogen Substituents on Halogen Bonding in 4,5-Dibromohexahydro-3a,6-Epoxyisoindol-1(4H)-ones. <i>Crystals</i> , 2021, 11, 112.	1.0	10
9	Peroxides in metal complex catalysis. <i>Coordination Chemistry Reviews</i> , 2021, 437, 213859.	9.5	41
10	A Bio-Based Alginate Aerogel as an Ionic Liquid Support for the Efficient Synthesis of Cyclic Carbonates from CO ₂ and Epoxides. <i>Catalysts</i> , 2021, 11, 872.	1.6	7
11	Noncovalent Interactions at Lanthanide Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 14370-14389.	1.7	19
12	Frontispiece: Noncovalent Interactions at Lanthanide Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, .	1.7	0
13	Role of substituents on resonance assisted hydrogen bonding <i>vs.</i> intermolecular hydrogen bonding. <i>CrystEngComm</i> , 2020, 22, 628-633.	1.3	45
14	Mechanochemical and Conventional Synthesis of Copper(II) Coordination Polymers Bearing Arylhydrazone of Acetoacetanilide and Their Catalytic Activity in Conversion of Acetone to Acetic Acid. <i>ChemistrySelect</i> , 2020, 5, 7923-7927.	0.7	7
15	N-Formylation of amines using arylhydrazones of malononitrile and a Cu(II) complex under eco-friendly conditions at room temperature. <i>Inorganica Chimica Acta</i> , 2020, 513, 119938.	1.2	3
16	TEMPO in metal complex catalysis. <i>Coordination Chemistry Reviews</i> , 2020, 423, 213482.	9.5	59
17	Resonance Assisted Chalcogen Bonding as a New Synthone in the Design of Dyes. <i>Chemistry - A European Journal</i> , 2020, 26, 14833-14837.	1.7	48
18	Multinuclear Zn(II)-arylhydrazone complexes as catalysts for cyanosilylation of aldehydes. <i>Journal of Organometallic Chemistry</i> , 2020, 912, 121171.	0.8	12

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19	Pnictogen bonding in coordination chemistry. <i>Coordination Chemistry Reviews</i> , 2020, 418, 213381.	9.5	110
20	Noncovalent Interactions. <i>Chemistry International</i> , 2020, 42, 37-40.	0.3	0
21	1st International Conference on Noncovalent Interactions. <i>New Journal of Chemistry</i> , 2019, 43, 13312-13314.	1.4	5
22	Noncovalent interactions in the design of bis-azo dyes. <i>CrystEngComm</i> , 2019, 21, 5032-5038.	1.3	39
23	Arylhydrazone ligands as Cu-protectors and -catalysis promoters in the azide-alkyne cycloaddition reaction. <i>Dalton Transactions</i> , 2019, 48, 1774-1785.	1.6	24
24	Cyanosilylation of Aldehydes Catalyzed by Ag(I)- and Cu(II)-Arylhydrazone Coordination Polymers in Conventional and in Ionic Liquid Media. <i>Catalysts</i> , 2019, 9, 284.	1.6	12
25	Hydrogen and halogen bonding in the haloetherification products in chalcone. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 342-347.	0.2	9
26	Noncovalent interactions in metal complex catalysis. <i>Coordination Chemistry Reviews</i> , 2019, 387, 32-46.	9.5	207
27	Biographical sketch of Professor Armando J. L. Pombeiro. <i>Coordination Chemistry Reviews</i> , 2019, 380, 601-603.	9.5	0
28	Pnictogen and chalcogen bonds in cyclometalated iridium(III) complexes. <i>Inorganica Chimica Acta</i> , 2018, 477, 31-33.	1.2	5
29	In vitro characterization of arylhydrazones of active methylene derivatives. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 430-436.	1.2	3
30	Tetrel, halogen and hydrogen bonds in bis (4-((E)-2-(2,2-dichloro-1-(4-substitutedphenyl)vinyl)ethyl)phenyl)ethane derivatives. <i>Inorganica Chimica Acta</i> , 2018, 477, 377-381.	2.0	47
31	Nitroaldol reaction catalyzed by arylhydrazone di- and triorganotin(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 98-101.	0.8	2
32	Cyanosilylation of aldehydes catalyzed by lanthanide derivatives comprising arylhydrazones of β -diketones. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 102-105.	0.8	7
33	Mononuclear nickel(II) complexes with arylhydrazones of acetoacetanilide and their catalytic activity in nitroaldol reaction. <i>Inorganica Chimica Acta</i> , 2018, 469, 197-201.	1.2	9
34	Cyanosilylation of aldehydes catalyzed by mixed ligand copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 471, 130-136.	1.2	32
35	CO ₂ + ionic liquid biphasic system for reaction/product separation in the synthesis of cyclic carbonates. <i>Journal of Supercritical Fluids</i> , 2018, 132, 71-75.	1.6	25
36	Copper(II) Complexes of Arylhydrazone of 1H-Indene-1,3(2H)-dione as Catalysts for the Oxidation of Cyclohexane in Ionic Liquids. <i>Catalysts</i> , 2018, 8, 636.	1.6	3

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37	Pnicogen, halogen and hydrogen bonds in (E)-1-(2,2-dichloro-1-(2-nitrophenyl)vinyl)-2-(para-substituted) Tj ETQq1 1,0,784314rgBT /Ov	2.0	46
38	Halogen bonding in Wagner-Meerwein rearrangement products. Journal of Molecular Liquids, 2018, 249, 949-952.	2.3	32
39	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
40	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
41	DNA and BSA binding and cytotoxic properties of copper(II) and iron(III) complexes with arylhydrazone of ethyl 2-cyanoacetate or formazan ligands. New Journal of Chemistry, 2017, 41, 4076-4086.	1.4	50
42	Copper(II) coordination polymers of arylhydrazone of 1H-indene-1,3(2H)-dione linked by 4,4'-bipyridine or hexamethylenetetramine: Evaluation of catalytic activity in Henry reaction. Polyhedron, 2017, 133, 33-39.	1.0	12
43	Effective cyanosilylation of aldehydes with copper(II)-based polymeric catalysts. Molecular Catalysis, 2017, 428, 17-23.	1.0	46
44	Chalcogen bonding in synthesis, catalysis and design of materials. Dalton Transactions, 2017, 46, 10121-10138.	1.6	343
45	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
46	Arylhydrazone Cd(II) and Cu(II) complexes as catalysts for secondary alcohol oxidation. Polyhedron, 2017, 129, 182-188.	1.0	17
47	Non-covalent interactions in the synthesis of coordination compounds: Recent advances. Coordination Chemistry Reviews, 2017, 345, 54-72.	9.5	250
48	Molecular switching through cooperative ionic interactions and charge assisted hydrogen bonding. Dyes and Pigments, 2017, 138, 107-111.	2.0	15
49	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
50	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
51	Copper(II) and iron(III) 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
52	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
53	Resonance-Assisted Hydrogen Bonding as a Driving Force in Synthesis and a Synthone in the Design of Materials. Chemistry - A European Journal, 2016, 22, 16356-16398.	1.7	132
54	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

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55	New copper(II) tetramer with arylhydrazone of barbituric acid and its catalytic activity in the oxidation of cyclic C5–C8 alkanes. <i>Polyhedron</i> , 2016, 117, 666-671.	1.0	12
56	Reaction of sodium 2-(2-(2,4-dioxopentan-3-ylidene)hydrazinyl) benzenesulfonate with ethylenediamine on Cu(II) and Ni(II) centres: efficient Cu(II) homogeneous catalysts for cyanosilylation of aldehydes. <i>RSC Advances</i> , 2016, 6, 54263-54269.	1.7	29
57	Cyclic carbonate synthesis from CO ₂ and epoxides using zinc(II) complexes of arylhydrazones of 1,2-diketones. <i>Journal of Catalysis</i> , 2016, 335, 135-140.	3.1	62
58	Iron(III) and cobalt(III) complexes with both tautomeric (keto and enol) forms of arylhydrazone ligands: catalysts for the microwave assisted oxidation of alcohols. <i>RSC Advances</i> , 2016, 6, 8079-8088.	1.7	50
59	pH dependent synthesis of Zn(II) and Cd(II) coordination polymers with dicarboxyl-functionalized arylhydrazone of barbituric acid: photoluminescence properties and catalysts for Knoevenagel condensation. <i>New Journal of Chemistry</i> , 2016, 40, 1535-1546.	1.4	66
60	DNA and BSA binding, anticancer and antimicrobial properties of Co(II), Co(II/III), Cu(II) and Ag(I) complexes of arylhydrazones of barbituric acid. <i>RSC Advances</i> , 2016, 6, 4237-4249.	1.7	18
61	Water soluble heterometallic potassium-dioxidovanadium(V) complexes as potential antiproliferative agents. <i>Journal of Inorganic Biochemistry</i> , 2016, 155, 17-25.	1.5	19
62	One-pot insertion of chalcones into the benzoylacetone backbone. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1-6.	1.2	12
63	Trinuclear Cu ^{II} Structural Isomers: Coordination, Magnetism, Electrochemistry and Catalytic Activity towards the Oxidation of Alkanes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3959-3969.	1.0	54
64	Lanthanide derivatives comprising arylhydrazones of 1,2-diketones: cooperative E/Z isomerization and catalytic activity in nitroaldol reaction. <i>Dalton Transactions</i> , 2015, 44, 5602-5610.	1.6	47
65	Coll, Nill and UO ₂ complexes with 1,2-diketones and their arylhydrazone derivatives: Synthesis, structure and catalytic activity in Henry reaction. <i>Polyhedron</i> , 2015, 101, 14-22.	1.0	11
66	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. <i>RSC Advances</i> , 2015, 5, 84142-84152.	1.7	19
67	Co(II)-mediated synthesis of 2-carbamimidoylbenzoates and isoindole-1,3-diaminates. <i>Tetrahedron</i> , 2015, 71, 8622-8627.	1.0	2
68	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. <i>RSC Advances</i> , 2015, 5, 25979-25987.	1.7	31
69	Interplay between Resonance-Assisted Hydrogen Bonding and Coordination in Sulfo-Functionalized Arylhydrazones of Active Methylene Compounds. <i>ChemPlusChem</i> , 2014, 79, 1523-1531.	1.3	15
70	Di- and tri-organotin(IV) complexes of arylhydrazones of methylene active compounds and their antiproliferative activity. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 67-73.	0.8	51
71	Barbituric acids as a useful tool for the construction of coordination and supramolecular compounds. <i>Coordination Chemistry Reviews</i> , 2014, 265, 1-37.	9.5	140
72	Double piperazinedium and 1,4-diazabicyclo[2.2.2]octanedium MII selenates (MII=Coll, Nill, Cull, ZnII) as effective catalysts for Henry reaction. <i>Inorganica Chimica Acta</i> , 2014, 412, 27-31.	1.2	21

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73	Microwave-assisted and solvent-free peroxidative oxidation of 1-phenylethanol to acetophenone with a Cu(II)-TEMPO catalytic system. <i>Catalysis Communications</i> , 2014, 48, 69-72.	1.6	59
74	Metal-free regioselective C-C bond cleavage in 1,3,5-triazine derivatives of 1,2-diketones. <i>New Journal of Chemistry</i> , 2014, 38, 495-498.	1.4	10
75	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. <i>New Journal of Chemistry</i> , 2014, 38, 4807-4815.	1.4	48
76	Polynuclear Copper(II) Complexes as Catalysts for the Peroxidative Oxidation of Cyclohexane in a Room-Temperature Ionic Liquid. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4541-4550.	1.0	43
77	Cooperative Metal-Ligand Assisted E/Z Isomerization and Cyano Activation at Cu(II) and Co(II) Complexes of Arylhydrazones of Active Methylene Nitriles. <i>Inorganic Chemistry</i> , 2014, 53, 9946-9958.	1.9	53
78	2-Dihydropiperazine-M(II) (M(II) = Cu(II), Fe(II), Ni(II), Zn(II)) Catalyzed Nitroaldol (Henry) Reaction. <i>Dalton Transactions</i> , 2013, 42, 399-406.	1.6	46
79	Zinc(II)-1,3,5-triazapentadienate complex as effective catalyst in Henry reaction. <i>Catalysis Today</i> , 2013, 217, 76-79.	2.2	49
80	A hexanuclear metallacrown palladium(II) cluster derived from 2-mercaptoethanol. <i>Inorganic Chemistry Communication</i> , 2013, 29, 37-39.	1.8	8
81	Synthesis, structure and electrochemical behaviour of Na, Mg(II), Mn(II), Zn(II), Cd(II) and Ni(II) complexes of 3-(2-carboxyphenylhydrazono)pentane-2,4-dione. <i>Polyhedron</i> , 2013, 50, 374-382.	1.0	24
82	A straightforward synthesis of 2-(3,6,6-trimethyl-6,7-dihydrobenzofuran-4(5H)-ylidene)ethanone. <i>Mendeleev Communications</i> , 2013, 23, 292-293.	0.6	5
83	Regioselective C-C bond cleavage in arylhydrazones of 4,4,4-trifluoro-1-(thiophen-2-yl)butane-1,3-diones. <i>Journal of Molecular Structure</i> , 2013, 1050, 180-184.	1.8	5
84	Structural Versatility of Alkali Metal Coordination Polymers Driven by Arylhydrazones of 1,2-Diketones. <i>Crystal Growth and Design</i> , 2013, 13, 5076-5084.	1.4	16
85	Template Syntheses of Copper(II) Complexes from Arylhydrazones of Malononitrile and their Catalytic Activity towards Alcohol Oxidations and the Nitroaldol Reaction: Hydrogen Bond-Assisted Ligand Liberation and E/Z Isomerisation. <i>Chemistry - A European Journal</i> , 2013, 19, 588-600.	1.7	71
86	Uranyl complex with phenolate-sulphonate and diphenyldiazene-carbohydrazonate ligands. <i>Inorganic Chemistry Communication</i> , 2013, 35, 13-15.	1.8	4
87	Inorganic-organic hybrid double sulfates as catalysts of the diastereoselective nitroaldol reaction. <i>Journal of Organometallic Chemistry</i> , 2013, 741-742, 136-140.	0.8	22
88	Structure and supramolecular arrangement of bis(2,4-bis(trichloromethyl)-1,3,5-triazapentadienato)-M(II) [M=Ni(II), Cu(II) and Pd(II)] complexes. <i>Journal of Molecular Structure</i> , 2013, 1041, 213-218.	1.8	9
89	Coordination chemistry of arylhydrazones of methylene active compounds. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1244-1281.	9.5	96
90	Copper(II) and cobalt(II,III) complexes of a new carboxylic-functionalized arylhydrazone of 5,5-dimethylcyclohexane-1,3-dione. <i>Polyhedron</i> , 2013, 60, 78-84.	1.0	17

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91	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. <i>Journal of Molecular Structure</i> , 2013, 1048, 108-112.	1.8	48
92	Syntheses and some features of five new cyclohexane-1,3-dicarboxylates with multiple stereogenic centers. <i>Journal of Molecular Structure</i> , 2013, 1032, 83-87.	1.8	6
93	1D Cu(II) coordination polymer derived from 2-(2-(2,4-dioxopentan-3-ylidene)hydrazinyl)benzenesulfonate chelator and pyrazine spacer. <i>Journal of Molecular Structure</i> , 2013, 1033, 127-130.	1.8	14
94	9-(2-Hydroxy-4,4-dimethyl-6-oxocyclohex-1-en-1-yl)-3,3-dimethyl-2,3,4,9-tetrahydro-1H-xanthen-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1606-o1606.	0.2	1
95	Copper(ii) complexes with a new carboxylic-functionalized arylhydrazone of β^2 -diketone as effective catalysts for acid-free oxidations. <i>New Journal of Chemistry</i> , 2012, 36, 1646.	1.4	49
96	Synthesis, characterization and antimicrobial activity of arylhydrazones of methylene active compounds. <i>Pharmaceutical Chemistry Journal</i> , 2012, 46, 157-164.	0.3	11
97	New cobalt(II) and nickel(II) complexes of 2-hydroxy-benzyl derivatives of 4-aminoantipyrine. <i>Polyhedron</i> , 2012, 44, 72-76.	1.0	5
98	Copper(II) complexes of arylhydrazones of β^2 -diketones immobilized on Zn-Al layered double hydroxides as effective recyclable catalysts for peroxidative oxidation of alkanes. <i>Applied Catalysis A: General</i> , 2012, 439-440, 15-23.	2.2	52
99	Water-soluble heterometallic copper(II)-sodium complex comprising arylhydrazone of barbituric acid as a ligand. <i>Inorganic Chemistry Communication</i> , 2012, 22, 187-189.	1.8	53
100	Aquasoluble iron(III)-arylhydrazone- β^2 -diketone complexes: Structure and catalytic activity for the peroxidative oxidation of C5-C8 cycloalkanes. <i>Journal of Inorganic Biochemistry</i> , 2012, 115, 72-77.	1.5	50
101	Thermodynamics of Dissociation of ortho-Hydroxyphenylhydrazone- β^2 -diketones and of Their Complexation with Copper(II) in Aqueous-Ethanol Solutions. <i>Journal of Solution Chemistry</i> , 2012, 41, 491-502.	0.6	3
102	Water-Soluble Copper(II) Complexes with a Sulfonic-Functionalized Arylhydrazone of β^2 -Diketone and Their Application in Peroxidative Allylic Oxidation of Cyclohexene. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2305-2313.	1.0	44
103	Role of tautomerism and solvatochromism in UV-VIS spectra of arylhydrazones of β^2 -diketones. <i>Journal of Molecular Liquids</i> , 2012, 171, 11-15.	2.3	12
104	New arylhydrazones of β^2 -diketones and their optical and thermal properties. <i>Journal of Molecular Structure</i> , 2012, 1019, 16-20.	1.8	5
105	Zinc(ii) ortho-hydroxyphenylhydrazone- β^2 -diketonate complexes and their catalytic ability towards diastereoselective nitroaldol (Henry) reaction. <i>Dalton Transactions</i> , 2011, 40, 5352.	1.6	69
106	Heterometallic Copper(II)-Potassium 3D Coordination Polymers Driven by Multifunctionalized Azo Derivatives of β^2 -Diketones. <i>Crystal Growth and Design</i> , 2011, 11, 4247-4252.	1.4	47
107	Hydrogen bond assisted activation of a dinitrile towards nucleophilic attack. <i>Chemical Communications</i> , 2011, 47, 7248.	2.2	55
108	Unusual shift of a nitro group in a phenylhydrazone- β^2 -diketone. <i>Dalton Transactions</i> , 2011, 40, 12472.	1.6	23

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109	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
110	Ortho-Hydroxyphenylhydrazo- β^2 -Diketones: Tautomerism, 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
111	Tautomerism and acid-base properties of some azoderivatives of benzoylacetone. Journal of Molecular Liquids, 2011, 162, 84-88.	2.3	25
112	Tautomeric equilibria of para-bromophenyl substituted arylhydrazones of β^2 -diketones. Journal of Molecular Structure, 2011, 1006, 576-579.	1.8	14
113	(E)-2-(2-(2-hydroxyphenyl)hydrazono)-1-phenylbutane-1,3-dione: Tautomerism and coordination to copper(II). Inorganica Chimica Acta, 2011, 374, 175-180.	1.2	50
114	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
115	Structural and thermal properties of three cyano-substituted azoderivatives of β^2 -diketones. Journal of Molecular Structure, 2011, 992, 72-76.	1.8	10
116	Quantum chemical simulations of solvent influence on UV-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
117	Trends in properties of para-substituted 3-(phenylhydrazo)pentane-2,4-diones. Journal of Physical Organic Chemistry, 2011, 24, 764-773.	0.9	51
118	Water-Soluble Cobalt(II) and Copper(II) Complexes of 3-(5-Chloro-2-hydroxy-3-sulfo)phenylhydrazo)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
119	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
120	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
121	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
122	Ion Pairs of 5,5-dimethyl-2-(2-hydroxy-3,5-disulfo)phenylhydrazo)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
123	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
124	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
125	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
126	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

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127	Photometric determination of copper(II) in nickel alloys using azoderivatives of ethyl acetoacetate. Journal of Analytical Chemistry, 2008, 63, 435-438.	0.4	33
128	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
129	Complexation of copper(II) with azo derivatives of benzoylacetone. Journal of Analytical Chemistry, 2007, 62, 1028-1031.	0.4	12
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