Aleksei A Titov

List of Publications by Year
in descending order

35	505	516710 16	677142 22
papers	citations	h-index	g-index

35	35	35	374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Macrocyclic copper(I) and silver(I) pyrazolates: Principles of supramolecular assemblies with Lewis bases. Inorganica Chimica Acta, 2018, 470, 22-35.	2.4	41
2	Peculiarities of the Complexation of Copper and Silver Adducts of a 3,5-Bis(trifluoromethyl)pyrazolate Ligand with Organoiron Compounds. Inorganic Chemistry, 2011, 50, 3325-3331.	4.0	36
3	Ionic Complexes of Tetraâ€•and Nonanuclear Cage Copper(II) Phenylsilsesquioxanes: Synthesis and High Activity in Oxidative Catalysis. ChemCatChem, 2017, 9, 4437-4447.	3.7	33
4	Luminescent Complexes of the Trinuclear Silver(I) and Copper(I) Pyrazolates Supported with Bis(diphenylphosphino)methane. Inorganic Chemistry, 2019, 58, 8645-8656.	4.0	31
5	Synthesis, structures and luminescence of multinuclear silver(<scp>i</scp>) pyrazolate adducts with 1,10-phenanthroline derivatives. Dalton Transactions, 2019, 48, 8410-8417.	3.3	29
6	Supramolecular Design of the Trinuclear Silver(I) and Copper(I) Metal Pyrazolates Complexes with Ruthenium Sandwich Compounds via Intermolecular Metalâ^'Ï€ Interactions. Crystal Growth and Design, 2017, 17, 6770-6779.	3.0	28
7	Interaction of a trinuclear copper(<scp>i</scp>) pyrazolate with alkynes and carbonâ€“carbon triple bond activation. Chemical Communications, 2019, 55, 290-293.	4.1	27
8	Complexes of Trinuclear Macrocyclic Copper(I) and Silver(I) 3,5â€Bis(Trifluoromethyl)Pyrazolates with Ketones. European Journal of Inorganic Chemistry, 2012, 2012, 5554-5561.	2.0	25
9	Remarkable Structural and Electronic Features of the Complex Formed by Trimeric Copper Pyrazolate with Pentaphosphaferrocene. Chemistry - A European Journal, 2015, 21, 13176-13180.	3.3	24
10	Mechanistic study in azide-alkyne cycloaddition (CuAAC) catalyzed by bifunctional trinuclear copper(I) pyrazolate complex: Shift in rate-determining step. Journal of Catalysis, 2020, 390, 37-45.	6.2	23
11	Role of basic sites of substituted ferrocenes in interaction with the trinuclear 3,5-bis(trifluoromethyl)pyrazolates: thermodynamics and structure of complexes. RSC Advances, 2014, 4, 8350.	3.6	22
12	Dinuclear Cu^I and Ag^I Pyrazolates Supported with Tertiary Phosphines: Synthesis, Structures, and Photophysical Properties. European Journal of Inorganic Chemistry, 2019, 2019, 821-827.	2.0	20
13	Interaction of polyhedral boron hydride anions [B10H10]2â^' and [B12H12]2â^' with cyclic copper and silver 3,5-bis(trifluoromethyl)pyrazolate complexes. Journal of Organometallic Chemistry, 2009, 694, 1704-1707.	1.8	17
14	Complexation of trimeric copper(i) and silver(i) 3,5-bis(trifluoromethyl)pyrazolates with amine-borane. Russian Chemical Bulletin, 2013, 62, 1829-1834.	1.5	16
15	The Role of Weak Interactions in Strong Intermolecular MÂ·Â·Â·Cl Complexes of Coinage Metal Pyrazolates: Spectroscopic and DFT Study. Journal of Physical Chemistry A, 2016, 120, 7030-7036.	2.5	16
16	Synthesis, structures and photophysical properties of phosphorus-containing silver 3,5-bis(trifluoromethyl)pyrazolates. Mendeleev Communications, 2018, 28, 387-389.	1.6	16
17	Cu₆- and Cu₈-Cage Sil- and Germsesquioxanes: Synthetic and Structural Features, Oxidative Rearrangements, and Catalytic Activity. Inorganic Chemistry, 2021, 60, 8062-8074.	4.0	14
18	Luminescent AgI Complexes with 2,2â€²-Bipyridine Derivatives Featuring [Ag-(CF3)2 Pyrazolate]4 Units. European Journal of Inorganic Chemistry, 2019, 2019, 4855-4861.	2.0	12

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19	Thermodynamic Modeling of BC x N y Chemical Vapor Deposition in the Bâ€“Câ€“Nâ€“H System. Inorganic Materials, 2003, 39, 362-365.	0.8	10
20	Copper(I) complex with BINAP and 3,5-dimethylpyrazole: synthesis and photoluminescent properties. Mendeleev Communications, 2019, 29, 570-572.	1.6	8
21	Mononuclear Copper(I) 3-(2-pyridyl)pyrazole Complexes: The Crucial Role of Phosphine on Photoluminescence. Molecules, 2021, 26, 6869.	3.8	8
22	Synthesis and Investigations of Chiral NNO Type Copper(II) Coordination Polymers. ChemistrySelect, 2018, 3, 653-656.	1.5	7
23	Joint processing of experimental data on melting, evaporation, and sublimation processes. Russian Journal of Physical Chemistry A, 2014, 88, 1078-1079.	0.6	6
24	New mix-ligand copper(i) and copper(ii) pyrazolate complexes with 2,2â€²-bipyridine. Mendeleev Communications, 2021, 31, 170-172.	1.6	6
25	Heterobimetallic Silver(I) and Copper(I) pyrazolates supported with 1,1â€²-bis(diphenylphosphino)ferrocene. Journal of Organometallic Chemistry, 2021, 942, 121813.	1.8	6
26	N-bromohexamethyldisilazane: Investigation of properties and thermodynamic simulation of precipitation of thin-layer structures from the vapor phase. Glass Physics and Chemistry, 2011, 37, 60-64.	0.7	4
27	Ferrocene-containing tri- and tetranuclear cyclic copper(i) and silver(i) pyrazolates. Russian Chemical Bulletin, 2017, 66, 1563-1568.	1.5	4
28	The role of weak intermolecular interactions in photophysical behavior of isocoumarins on the example of their interaction with cyclic trinuclear silver(I) pyrazolate. Inorganica Chimica Acta, 2022, 539, 121004.	2.4	4
29	Thermodynamic characteristics of thermal dissociation of platinum dichloride. Russian Chemical Bulletin, 2005, 54, 1387-1390.	1.5	2
30	Thermodynamic modeling of the behavior of silicon oxide and nitride precursors in the preparation of dielectric layers. Russian Journal of Physical Chemistry A, 2006, 80, 1907-1910.	0.6	2
31	N-substituted hexamethyldisilazanes as new substances for the synthesis of functional films in the system Si-Ge-C-N-H. Russian Journal of General Chemistry, 2011, 81, 2501-2505.	0.8	2
32	Thermodynamic modeling of BCN chemical vapor deposition from N-trimethylborazine + ammonia mixtures. Inorganic Materials, 2012, 48, 691-694.	0.8	2
33	Dinuclear Silver(I) Nitrate Complexes with Bridging Bisphosphinomethanes: Argentophilicity and Luminescence. Crystals, 2020, 10, 881.	2.2	2
34	Thermodynamic characteristics of thermal dissociation of platinum trichloride. Russian Chemical Bulletin, 2004, 53, 2121-2123.	1.5	1
35	Thermodynamic analysis of preparation processes for boron-containing films with the use of N-trimethylborazine and hydrogen. Russian Journal of Physical Chemistry A, 2010, 84, 1891-1894.	0.6	1