

Aleksei A Titov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The role of weak intermolecular interactions in photophysical behavior of isocoumarins on the example of their interaction with cyclic trinuclear silver(I) pyrazolate. <i>Inorganica Chimica Acta</i> , 2022, 539, 121004.	2.4	4
2	New mix-ligand copper(i) and copper(ii) pyrazolate complexes with 2,2'-bipyridine. <i>Mendeleev Communications</i> , 2021, 31, 170-172.	1.6	6
3	Cu ⁶⁺ - and Cu ⁸⁺ -Cage Sil- and Gersmesquioxanes: Synthetic and Structural Features, Oxidative Rearrangements, and Catalytic Activity. <i>Inorganic Chemistry</i> , 2021, 60, 8062-8074.	4.0	14
4	Heterobimetallic Silver(I) and Copper(I) pyrazolates supported with 1,1'-bis(diphenylphosphino)ferrocene. <i>Journal of Organometallic Chemistry</i> , 2021, 942, 121813.	1.8	6
5	Mononuclear Copper(I) 3-(2-pyridyl)pyrazole Complexes: The Crucial Role of Phosphine on Photoluminescence. <i>Molecules</i> , 2021, 26, 6869.	3.8	8
6	Mechanistic study in azide-alkyne cycloaddition (CuAAC) catalyzed by bifunctional trinuclear copper(I) pyrazolate complex: Shift in rate-determining step. <i>Journal of Catalysis</i> , 2020, 390, 37-45.	6.2	23
7	Dinuclear Silver(I) Nitrate Complexes with Bridging Bisphosphinmethanes: Argentophilicity and Luminescence. <i>Crystals</i> , 2020, 10, 881.	2.2	2
8	Luminescent AgI Complexes with 2,2'-Bipyridine Derivatives Featuring [Ag-(CF ₃) ₂ Pyrazolate] ₄ Units. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4855-4861.	2.0	12
9	Copper(I) complex with BINAP and 3,5-dimethylpyrazole: synthesis and photoluminescent properties. <i>Mendeleev Communications</i> , 2019, 29, 570-572.	1.6	8
10	Luminescent Complexes of the Trinuclear Silver(I) and Copper(I) Pyrazolates Supported with Bis(diphenylphosphino)methane. <i>Inorganic Chemistry</i> , 2019, 58, 8645-8656.	4.0	31
11	Synthesis, structures and luminescence of multinuclear silver(ⁱ) pyrazolate adducts with 1,10-phenanthroline derivatives. <i>Dalton Transactions</i> , 2019, 48, 8410-8417.	3.3	29
12	Interaction of a trinuclear copper(ⁱ) pyrazolate with alkynes and carbon-carbon triple bond activation. <i>Chemical Communications</i> , 2019, 55, 290-293.	4.1	27
13	Dinuclear Cu ^I and Ag ^I Pyrazolates Supported with Tertiary Phosphines: Synthesis, Structures, and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 821-827.	2.0	20
14	Synthesis and Investigations of Chiral NNO Type Copper(II) Coordination Polymers. <i>ChemistrySelect</i> , 2018, 3, 653-656.	1.5	7
15	Macrocyclic copper(I) and silver(I) pyrazolates: Principles of supramolecular assemblies with Lewis bases. <i>Inorganica Chimica Acta</i> , 2018, 470, 22-35.	2.4	41
16	Synthesis, structures and photophysical properties of phosphorus-containing silver 3,5-bis(trifluoromethyl)pyrazolates. <i>Mendeleev Communications</i> , 2018, 28, 387-389.	1.6	16
17	Ionic Complexes of Tetra- and Nonanuclear Cage Copper(II) Phenylsilsesquioxanes: Synthesis and High Activity in Oxidative Catalysis. <i>ChemCatChem</i> , 2017, 9, 4437-4447.	3.7	33
18	Supramolecular Design of the Trinuclear Silver(I) and Copper(I) Metal Pyrazolates Complexes with Ruthenium Sandwich Compounds via Intermolecular Metal- π Interactions. <i>Crystal Growth and Design</i> , 2017, 17, 6770-6779.	3.0	28

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19	Ferrocene-containing tri- and tetranuclear cyclic copper(i) and silver(i) pyrazolates. Russian Chemical Bulletin, 2017, 66, 1563-1568.	1.5	4
20	The Role of Weak Interactions in Strong Intermolecular M ⁺ -Cl Complexes of Coinage Metal Pyrazolates: Spectroscopic and DFT Study. Journal of Physical Chemistry A, 2016, 120, 7030-7036.	2.5	16
21	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
22	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
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	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
25	Complexes of Trinuclear Macrocyclic Copper(I) and Silver(I) 3,5-Bis(Trifluoromethyl)Pyrazolates with Ketones. European Journal of Inorganic Chemistry, 2012, 2012, 5554-5561.	2.0	25
26	Thermodynamic modeling of BCN chemical vapor deposition from N-trimethylborazine + ammonia mixtures. Inorganic Materials, 2012, 48, 691-694.	0.8	2
27	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
28	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
29	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
30	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
31	Interaction of polyhedral boron hydride anions [B ₁₀ H ₁₀] ²⁻ and [B ₁₂ H ₁₂] ²⁻ with cyclic copper and silver 3,5-bis(trifluoromethyl)pyrazolate complexes. Journal of Organometallic Chemistry, 2009, 694, 1704-1707.	1.8	17
32	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
33	Thermodynamic characteristics of thermal dissociation of platinum dichloride. Russian Chemical Bulletin, 2005, 54, 1387-1390.	1.5	2
34	Thermodynamic characteristics of thermal dissociation of platinum trichloride. Russian Chemical Bulletin, 2004, 53, 2121-2123.	1.5	1
35	Thermodynamic Modeling of BC _x N _y Chemical Vapor Deposition in the B-C-N-H System. Inorganic Materials, 2003, 39, 362-365.	0.8	10