

# Adam I Stash

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1389955/adam-i-stash-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

148  
papers

2,271  
citations

26  
h-index

42  
g-index

165  
ext. papers

2,485  
ext. citations

2.1  
avg, IF

4.86  
L-index

#	Paper	IF	Citations
148	WinXPRO: a program for calculating crystal and molecular properties using multipole parameters of the electron density. <i>Journal of Applied Crystallography</i> , <b>2002</b> , 35, 371-373	3.8	209
147	Determination of the electron localization function from electron density. <i>Chemical Physics Letters</i> , <b>2002</b> , 351, 142-148	2.5	145
146	Atoms-in-molecules study of intra- and intermolecular bonding in the pentaerythritol tetranitrate crystal. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 14728-34	16.4	108
145	Characterizing the oxygen-oxygen interaction in the dinitramide anion. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 4574-5	16.4	84
144	Noncovalent Interactions in Crystalline Picolinic Acid N-Oxide: Insights from Experimental and Theoretical Charge Density Analysis. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 816-828	3.5	68
143	Electron density study of urea using TDS-corrected X-ray diffraction data: quantitative comparison of experimental and theoretical results. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1999</b> , 55, 45-54		60
142	Importance of the consideration of anharmonic motion in charge-density studies: a comparison of variable-temperature studies on two explosives, RDX and HMX. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>2011</b> , 67, 160-73		56
141	Modern possibilities for calculating some properties of molecules and crystals from the experimental electron density. <i>Crystallography Reports</i> , <b>2005</b> , 50, 177-184	0.6	55
140	Analyzing experimental electron density with the localized-orbital locator. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2002</b> , 58, 780-5		51
139	Quantifying steric effect with experimental electron density. <i>Journal of Chemical Physics</i> , <b>2010</b> , 133, 1141-10	3.10	48
138	Determination of covalent bond orders and atomic valence indices using topological features of the experimental electron density. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2007</b> , 63, 142-50		46
137	Intermolecular Bonding Features in Solid Iodine. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 3587-3595	3.5	45
136	Electronic Energy Distributions in Energetic Materials: NTO and the Biguanidinium Dinitramides. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 20173-20179	3.4	44
135	Developing WinXPRO: a software for determination of the multipole-model-based properties of crystals. <i>Journal of Applied Crystallography</i> , <b>2014</b> , 47, 2086-2089	3.8	43
134	Molecular and crystal properties of ethyl 4,6-dimethyl-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate from experimental and theoretical electron densities. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2006</b> , 62, 676-88		42
133	Template synthesis, structure and unusual series of phase transitions in clathrochelate iron(II) dioximates and oximehydrazonates formed by capping with functionalized boron-containing agents. <i>Polyhedron</i> , <b>2001</b> , 20, 2721-2733	2.7	40
132	On functions and quantities derived from the experimental electron density. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>2004</b> , 60, 418-26		38

131	Halogen Bonding and Other Iodine Interactions in Crystals of Dihydrothiazolo(oxazino)quinolinium Oligoiodides from the Electron-Density Viewpoint. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 5674-5684	3.5	37
130	Characterization of bonding in cesium uranyl chloride: topological analysis of the experimental charge density. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 13016-23	2.8	36
129	The synthesis and structure of a macrobicyclic hexahalogenide trisdioximate as a promising precursor of functionalized clathrochelates. <i>New Journal of Chemistry</i> , <b>1999</b> , 23, 355-358	3.6	32
128	High-Pressure Crystal Structures of an Insensitive Energetic Crystal: 1,1-Diamino-2,2-dinitroethene. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 1218-1224	3.8	31
127	Cyclo[bis(1,7-naphthylenedialkylamidophosphites)]. <i>Heteroatom Chemistry</i> , <b>2003</b> , 14, 404-412	1.2	29
126	Features of the electron density in magnesium diboride: reconstruction from X-ray diffraction data and comparison with TB-LMTO and FPLO calculations. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2003</b> , 59, 575-83		29
125	Critical Points in a Crystal and Procrystal. <i>Structural Chemistry</i> , <b>1998</b> , 9, 249-254	1.8	28
124	17Alpha-estradiol x 1/2 H2O: super-structural ordering, electronic properties, chemical bonding, and biological activity in comparison with other estrogens. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 17260-9	16.4	27
123	Synthesis and Molecular Structure of New Unsaturated Analogues of Nucleotides Containing Six-Membered Rings. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 512-521	3.2	27
122	Pauli potential and Pauli charge from experimental electron density. <i>Computational and Theoretical Chemistry</i> , <b>2013</b> , 1006, 92-99	2	26
121	The experimental and theoretical QTAIMC study of the atomic and molecular interactions in dinitrogen tetroxide. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2009</b> , 65, 647-58		25
120	High-Pressure Structural Response of an Insensitive Energetic Crystal: Dihydroxylammonium 5,5?-Bistetrazole-1,1?-diolate (TKX-50). <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 5761-5767	3.8	24
119	Electron-density and electrostatic-potential features of orthorhombic chlorine trifluoride. <i>Mendeleev Communications</i> , <b>2010</b> , 20, 161-164	1.9	24
118	Chemical bonding and intermolecular interactions in energetic materials: 1,3,4-trinitro-7,8-diazapentalene. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2007</b> , 63, 309-18		23
117	Bis(acetato-O)bis(pyridine-N)palladium(II) Monohydrate and Bis(acetato-O)bis(diethylamine-N)palladium(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1996</b> , 52, 2201-2204		23
116	Solving the enigma of weak fluorine contacts in the solid state: a periodic DFT study of fluorinated organic crystals.. <i>RSC Advances</i> , <b>2019</b> , 9, 12520-12537	3.7	22
115	Palladium Clusters Pd4(SET)4(OAc)4 and Pd6(SET)12: Structure and Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2001</b> , 27, 585-590	1.6	21
114	Improving approximate determination of the noninteracting electronic kinetic energy density from electron density. <i>International Journal of Quantum Chemistry</i> , <b>2016</b> , 116, 237-246	2.1	21

113	Structure and reactivity of [PtX <sub>2</sub> (ketoxime) <sub>2</sub> ] compounds. Cis-trans isomerization and X-ray structures of cis- [PtBr <sub>2</sub> (Me <sub>2</sub> C=NOH) <sub>2</sub> ] and trans- [PtBr <sub>2</sub> (Me <sub>2</sub> C=NOH) <sub>2</sub> ] [2MeC (=O) NMe <sub>2</sub> ]. <i>Polyhedron</i> , <b>1998</b> , 17, 2455-2461	2.7	20
112	New capping agents for oximehydrazonate clathrochelates: sterically controlled synthesis, structural characterization and intramolecular reactions. <i>Inorganica Chimica Acta</i> , <b>1999</b> , 284, 180-190	2.7	20
111	The staple role of hydrogen and halogen bonds in crystalline (E)-8-((2,3-diiodo-4-(quinolin-8-ylthio)but-2-en-1-yl)thio)quinolin-1-ium triiodide. <i>Structural Chemistry</i> , <b>2016</b> , 27, 1553-1560	1.8	18
110	Reactivity of trans-[PtX(2)(ketoxime)(2)] Complexes toward m-Chloroperoxybenzoic Acid: An Efficient Route to Coordinated Nitrosoalkanes and Solvent Dependence of the Reaction. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 4926-4931	5.1	18
109	Chemical bonding in pentaerythritol at very low temperature or at high pressure: an experimental and theoretical study. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2006</b> , 62, 513-20		17
108	Synthesis and molecular structure of new acyclic analogues of nucleotides with a 1,2-alkadienic skeleton. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 4220-6	3.9	17
107	Atomic interactions in ethylenebis(1-indenyl)zirconium dichloride as derived by experimental electron density analysis. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2005</b> , 61, 418-28		17
106	Polar Order and Frustrated Antiferromagnetism in Perovskite Pb <sub>2</sub> MnWO <sub>6</sub> Single Crystals. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 2791-805	5.1	16
105	New types of phosphorus-containing crown ethers. <i>Heteroatom Chemistry</i> , <b>1998</b> , 9, 643-649	1.2	15
104	Mechanism of the oxidative carbonylation of terminal alkynes at the $\gamma$ -C-H bond in solutions of palladium complexes. <i>Kinetics and Catalysis</i> , <b>2007</b> , 48, 228-244	1.5	15
103	Synthesis and crystal structures of platinum (II) complexes with phosphine sulfide: cis-Dichloro[dimethylsulfoxide](triphenylphosphine sulfide) platinum (II) and (trans)-dichloro[(S)-methyl-p-tolylsulfoxide](triphenylphosphine sulfide) platinum (II). <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 1031-1040	2.7	15
102	High-Pressure Structural Response of an Insensitive Energetic Crystal: 1,1-Diamino-2,2-dinitroethene (FOX-7). <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 27600-27607	3.8	14
101	Insight into the Electron Density Distribution in an O,N-Heterocyclic Stannylene by High-Resolution X-ray Diffraction Analysis. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 875-884	2.3	14
100	Pressure versus temperature effects on intramolecular electron transfer in mixed-valence complexes. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 195-205	4.8	12
99	New Monomers for Organometallic Poly-p-xylylenes: Synthesis of Silyl-, Germyl- and Stannyl[2.2]paracyclophane Derivatives. <i>European Journal of Inorganic Chemistry</i> , <b>1998</b> , 1998, 1733-1737 <sup>2.3</sup>		12
98	Oxidation of 3-(3-or 4-pyridyl)-1,5-diphenylformazans in tetrazolium trichlorometallates: Structural and electrochemical investigation. <i>Chemistry of Heterocyclic Compounds</i> , <b>2006</b> , 42, 1444-1456	1.4	12
97	Tetrazoles: XLIV. Synthesis and Chemical Properties of 5-Substituted 2-Triphenylmethyltetrazoles. <i>Russian Journal of Organic Chemistry</i> , <b>2002</b> , 38, 1360-1369	0.7	12
96	Transition metal-catalyzed reduction of Zr <sup>IV</sup> in Cp <sub>2</sub> ZrX <sub>2</sub> ?LiAlH <sub>4</sub> and Cp <sub>2</sub> ZrX <sub>2</sub> ?AlH <sub>3</sub> (X=Cl, Br, I) systems: structural study of resulting zirconocene(III) aluminum hydride complexes. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 681, 167-173	2.3	11

95	THE SYNTHESIS AND STRUCTURE OF THE FIRST REPRESENTATIVES OF OLIGOARYLENEPHOSPHOCYCLANES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1995</b> , 102, 143-154	1	11
94	Palladium clusters Pd <sub>4</sub> (SR) <sub>4</sub> (OAc) <sub>4</sub> and Pd <sub>6</sub> (SR) <sub>12</sub> (R = Bu, Ph): Structure and properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 136-141	1.6	10
93	Metal complexes based on monosaccharide bicycphosphites as new available chiral coordination systems. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 587, 18-27	2.3	10
92	Relaxor-like Behavior and Structure Features of Bi <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> Pyrochlore Single Crystals. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 824-831	3.5	9
91	Bonding in molecular crystals from the local electronic pressure viewpoint** This paper is dedicated to Professor Andreas Savin on the occasion of his 65th birthday.View all notes. <i>Molecular Physics</i> , <b>2016</b> , 114, 1260-1269	1.7	9
90	HIGHER 1,3,2-DIAZAPHOSPHOCYCLANES. V. 4,5; 6,7-DIBENZO-1,3,2-DIAZAPHOSHEPANES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1997</b> , 123, 89-110	1	9
89	Resorcinol bis(cyclophosphites). <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 529, 171-176	2.3	9
88	Orbital-Free Quantum Crystallographic View on Noncovalent Bonding: Insights into Hydrogen Bonds, π-π and Reverse Electron Lone Pair-π Interactions. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 7789-7809	4.8	9
87	On the transferability of QTAIMC descriptors derived from X-ray diffraction data and DFT calculations: substituted hydroypyrimidine derivatives. <i>Acta Crystallographica Section B: Structural Science</i> , <b>2011</b> , 67, 425-36		8
86	The P <sub>4</sub> phase of SrTeO <sub>3</sub> at 583 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, i151-i151		8
85	On the problem of identification of the dihydroquercetin flavonoid. <i>Russian Journal of General Chemistry</i> , <b>2006</b> , 76, 161-163	0.7	8
84	Complexes of 2,3-Dihydroxypyridine with Bivalent Metals. Crystal Structure of 2,3-Dihydroxypyridine. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2003</b> , 29, 291-296	1.6	8
83	Levoglucosenone-derived precursors for the stereoselective synthesis of methylene-expanded analogues of C-nucleosides. <i>Mendeleev Communications</i> , <b>2015</b> , 25, 44-46	1.9	7
82	Electron density, electrostatic potential, and spatial organization of ammonium hydrooxalate oxalic acid dihydrate heteromolecular crystal from data of diffraction experiment at 15 K using synchrotron radiation and theoretical calculations. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 1752-1763	1.7	7
81	The P <sub>4</sub> phase of SrTeO <sub>3</sub> at 295 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, i75-i76		7
80	On the thermal evolution of the crystal structure of SrTeO <sub>3</sub> : the P <sub>4</sub> form at 473 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, i111-i112		7
79	Synthesis of new 2-amino-5-hydroxymethyl-2-thiazolines. <i>Chemistry of Heterocyclic Compounds</i> , <b>2007</b> , 43, 370-376	1.4	7
78	Molecular Structure and Spectral Properties of Methionine Sulfone, Product of Methionine Oxidation. <i>Russian Journal of Organic Chemistry</i> , <b>2003</b> , 39, 170-175	0.7	7

77	Orbital-free quantum crystallography: view on forces in crystals. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2020</b> , 76, 769-778	1.8	7
76	Nontypical iodine-halogen bonds in the crystal structure of (3E)-8-chloro-3-iodomethylidene-2,3-dihydro-1,4-oxazino[2,3,4-ij]quinolin-4-ium triiodide. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2016</b> , 72, 341-5	0.8	7
75	X-ray diffraction study of acid anilinium dodecatungstenphosphate. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2005</b> , 31, 253-259	1.6	6
74	Experimental study of X-ray charge density and the selection of reference points for a source function in $\text{C}_6\text{H}_5\text{-(2-methyl-1,4-dihydro-2H-3,1-benzoxazine)tricarboxylchromium(0)}$ . <i>Mendeleev Communications</i> , <b>2019</b> , 29, 346-348	1.9	5
73	Structure and properties of 4-phenyl-5H-1,2,3-dithiazole-5-thione polyiodide with $\text{S}_2\text{O}_8^{2-}$ bridged complex. <i>Structural Chemistry</i> , <b>2020</b> , 31, 1729-1737	1.8	5
72	Comparison of non-covalent interactions and spectral properties in 1-methyl-3-methylthio-5-phenyl-1,2,4-triazinium mono- and tetraiodide crystals. <i>Structural Chemistry</i> , <b>2019</b> , 30, 1981-1991	1.8	5
71	Quantum pressure focusing in solids: a reconstruction from experimental electron density. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2019</b> , 75, 201-209	1.8	5
70	Synthesis, spectral and crystallographic studies of coordination compounds of some d and f metals with N-nitroso-N-(methyl)ethylhydroxylamine. <i>Russian Journal of Inorganic Chemistry</i> , <b>2014</b> , 59, 192-195	1.5	5
69	Synthesis, thermogravimetric analysis, IR spectrum, and the crystal structure of sodium hexatungstomanganate $[\text{Na}_2(\text{H}_2\text{O})_{10}][\text{Na}(\text{H}_2\text{O})_3]_2[\text{MnW}_6\text{O}_{18}(\text{OH})_6] \cdot 6\text{H}_2\text{O}$ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2011</b> , 37, 845-848	1.6	5
68	The $\beta$ phase of $\text{SrTeO}_3$ at 780 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, i52		5
67	Synthesis, crystal structures and optical activity of cis- and trans-( $\mu$ -dichloro[(S)-methyl p-tolylsulfoxide]pyridyl platinum(II) complexes. <i>Tetrahedron: Asymmetry</i> , <b>2002</b> , 13, 1663-1671		5
66	Synthesis of bis(glycosylamino)alkanes and bis(glycosylamino)arenes. <i>Russian Chemical Bulletin</i> , <b>2005</b> , 54, 2890-2898	1.7	5
65	Lead tellurite from single-crystal data. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, i16		4
64	Interaction of copper(II) halides with 4-(piperidyl-1)-2-phenylpyrido[2,3-a]anthraquinone-7,12 (L) in acidic media: Crystal structure and spectral characteristics of $(\text{HL})_2[\text{Cu}_2\text{Cl}_6]$ and $(\text{HL})[\text{CuBr}_2]$ . <i>Crystallography Reports</i> , <b>2008</b> , 53, 451-454	0.6	4
63	1,3-Dihydroxynaphthalene in the Synthesis of Phosphorus-containing Macroheterocycles. <i>Russian Journal of General Chemistry</i> , <b>2005</b> , 75, 1910-1918	0.7	4
62	Dioxaphosphacyclanes. Synthesis and Chemical Properties. <i>Russian Journal of General Chemistry</i> , <b>2001</b> , 71, 179-187	0.7	4
61	Novel Cu(II), Ni(II), Zn(II), Cd(II), and Mg(II) complexes with a series of 2-arylhydrazono-1,3-dicarbonyl compounds. Synthesis, structure and spectroscopic characteristics. <i>Polyhedron</i> , <b>2020</b> , 184, 114557	2.7	3
60	Spin and dipole order in geometrically frustrated mixed-valence manganite $\text{Pb}_3\text{Mn}_7\text{O}_{15}$ . <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 12562-12573	2.1	3

59	Crystal and molecular structures of selected oxidative nitration products of aminopyrazine and 2-amino-3-hydroxypyridine. <i>Crystallography Reports</i> , <b>2014</b> , 59, 60-65	0.6	3
58	Hexaaquacobalt(II) and hexaaquacadmium(II) 4-nitro-2,3,5,6-tetraoxopyridinates [M(H <sub>2</sub> O) <sub>6</sub> ](C <sub>5</sub> H <sub>2</sub> N <sub>2</sub> O <sub>6</sub> ) <sub>2</sub> · 2H <sub>2</sub> O (M = Co and Cd): Synthesis, structures, and properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2013</b> , 39, 234-238	1.6	3
57	catena-Poly[ammonium [aqua-bis-(E,3,5,6-tetra-oxo-4-nitro-pyridin-4-ido)argentate(I)]]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, m477-8		3
56	Complexation of 2,3-dihydroxyquinoline with some bivalent d metals. Crystal and molecular structures of 2,3-dihydroxyquinoline. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2008</b> , 34, 775-779	1.6	3
55	Synthesis and structure of [(NH <sub>2</sub> ) <sub>2</sub> CSSC(NH <sub>2</sub> ) <sub>2</sub> ] <sub>2</sub> [OsBr <sub>6</sub> ]Br <sub>2</sub> · 3H <sub>2</sub> O. <i>Crystallography Reports</i> , <b>2008</b> , 53, 608-612	0.6	3
54	2,6- and 1,6-Dihydroxynaphthalenes in the Synthesis of Phosphacyclophanes. <i>Russian Journal of General Chemistry</i> , <b>2004</b> , 74, 1080-1086	0.7	3
53	Higher 1,3,2-Diazaphosphacyclanes: V. Synthesis, Structure, and Chemical Features of 4,5;7,8-Dibenzo-1,3,2-diazaphosphocanes. <i>Russian Journal of General Chemistry</i> , <b>2002</b> , 72, 193-206	0.7	3
52	Complexes of d and f Metals with 2-Methyl-3-hydroxy(amino)pyrido[1,2-a]pyrimidine-4-one. Crystal Structure of 2-Methyl-3-hydroxypyrido[1,2-a]pyrimidine-4-one. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2003</b> , 29, 880-885	1.6	3
51	Ethyl 4,6-dimethyl-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o468-o470		3
50	Coordination and extraction properties of 1,2-bis(diphenylphosphoryl)-benzene toward f-block element nitrates: Structural, spectroscopic and DFT characterization of the complexes. <i>Polyhedron</i> , <b>2021</b> , 198, 115085	2.7	3
49	Crystal Chemistry, Optical Spectroscopy and Crystal Field Calculations of Co <sub>3</sub> TeO <sub>6</sub> and Solid Solutions Co <sub>3-x</sub> Zn <sub>x</sub> TeO <sub>6</sub> . <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 4221-4233	2.3	3
48	Two new polymorphs of cis-perinone: crystal structures, physical and electric properties. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2019</b> , 75, 384-392	1.8	2
47	Why are reactions of 2- and 8-thioquinoline derivatives with iodine different?. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2018</b> , 74, 974-980	0.8	2
46	Synthesis, crystal structure, and thermal analysis of hexahydrogen dodecavanadate of composition [NH <sub>3</sub> · H <sub>2</sub> O] <sub>6</sub> · H <sub>6</sub> [Ca <sub>4</sub> V <sub>12</sub> O <sub>40</sub> ] · 6H <sub>2</sub> O. <i>Russian Journal of Inorganic Chemistry</i> , <b>2012</b> , 57, 783-786	1.5	2
45	X-ray diffraction study of BaTiO <sub>3</sub> single crystals before and after fast-neutron irradiation. <i>Crystallography Reports</i> , <b>2015</b> , 60, 620-628	0.6	2
44	Geometric and spectral characteristic of the tetrahalocuprate(II) complexes (HL) <sub>2</sub> CuX <sub>4</sub> (X = Cl, Br). Crystal and molecular structures of bis(2-methylimidazolium) tetrabromocuprate(II). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 496-503	1.6	2
43	Synthesis and the crystal and molecular structures of (H <sub>3</sub> L · Cl)[CoCl <sub>4</sub> ] and H <sub>2</sub> L[CuBr <sub>4</sub> ] (L is 2,4,6-Tri(N,N-dimethylamino)methylphenol). <i>Crystallography Reports</i> , <b>2010</b> , 55, 428-431	0.6	2
42	Synthesis and structure of the [OsThio <sub>6</sub> ]Br <sub>3</sub> · H <sub>2</sub> O complex. <i>Crystallography Reports</i> , <b>2007</b> , 52, 239-242	0.6	2

41	X-ray Diffraction Structural Study of Acid Pyridinium Hexamolybdochromate(III). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2004</b> , 30, 75-78	1.6	2
40	Cyclobisphosphorylation of 1,7-Dihydroxynaphthalene with Phosphorous Triamides. <i>Russian Journal of General Chemistry</i> , <b>2004</b> , 74, 48-57	0.7	2
39	Heterocyclic Thiones and Their Analogs in 1,3-Dipolar Cycloaddition Reactions: II. Reactions of Benzothiazole-2-thione with Nitrilimines. <i>Russian Journal of Organic Chemistry</i> , <b>2004</b> , 40, 1018-1026	0.7	2
38	5-Acetyl-4,6-dimethyl-1,2,3,4-tetrahydropyrimidin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o365-o367		2
37	Synthesis of 1-(9-carbazolyl)-6-iodohexa-2,4-diyne and the polymerization and properties of the polymer formed. <i>Polymer Science USSR</i> , <b>1989</b> , 31, 2003-2010		2
36	Dielectric relaxation in Bi <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> single crystals. <i>Ferroelectrics</i> , <b>2019</b> , 553, 60-65	0.6	2
35	The Structure and Properties of 2,3-7,8-Dibenzpyrene-1,6-Quinone. <i>Crystallography Reports</i> , <b>2018</b> , 63, 1110-1115	0.6	2
34	WinXPRO, 3DPlot and TrajPlot computer software: new options for orbital-free quantum crystallography studies. <i>Journal of Applied Crystallography</i> , <b>2022</b> , 55, 420-424	3.8	2
33	Features of the structural states of KNbO <sub>3</sub> single crystals before and after fast-neutron irradiation. <i>Crystallography Reports</i> , <b>2017</b> , 62, 31-39	0.6	1
32	Complexes of some trivalent metals with N-alkyl(benzyl)nitrozohydroxylamine derivatives. <i>Russian Journal of Inorganic Chemistry</i> , <b>2016</b> , 61, 718-725	1.5	1
31	Study of acid pyridine-3-carboxylic acid dodecatungstenphosphate of the composition (C <sub>6</sub> N <sub>2</sub> O <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> H[PW <sub>12</sub> O <sub>40</sub> ] <sub>2</sub> ·2H <sub>2</sub> O. <i>Journal of Structural Chemistry</i> , <b>2014</b> , 55, 674-681	0.9	1
30	Synthesis and study of the physicochemical properties of ammonium hydrogen hexafluorocobaltate(III) isopolyvanadate [(NH <sub>4</sub> ) <sub>2</sub> ][Co(H <sub>2</sub> O) <sub>6</sub> ]·H[V <sub>10</sub> O <sub>28</sub> ]·8H <sub>2</sub> O. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2011</b> , 37, 766-771	1.6	1
29	Synthesis and the crystal and molecular structures of 4-(piperidyl-1)-2-phenylpyrido[2,3-a]anthraquinone-7,12 Mono- and dibromohydrates (HL)Br·3H <sub>2</sub> O and (H <sub>2</sub> L)Br <sub>2</sub> ·3H <sub>2</sub> O. <i>Crystallography Reports</i> , <b>2009</b> , 54, 68-73	0.6	1
28	Synthesis, crystal structures, and spectral characteristics of 2-ethoxy-3-hydroxy-4,6-dinitropyridine and diaquasodium bis(2-ethoxy-3-hydroxy-4,6-dinitropyridinate). <i>Crystallography Reports</i> , <b>2009</b> , 54, 880-883	0.6	1
27	Study of chemical properties of glucose 3,5,6-bicyclophosphitophosphates. <i>Heteroatom Chemistry</i> , <b>1998</b> , 9, 631-636	1.2	1
26	Synthesis and molecular structure of [2,3,4,5-tetrafluoro-6-(p-methoxyphenylamino)phenyl]diphenylphosphine. <i>Russian Journal of General Chemistry</i> , <b>2008</b> , 78, 1172-1176	0.7	1
25	New example of the application of trivalent phosphorus derivatives in a synthetic chemistry of carbohydrates. <i>Russian Journal of General Chemistry</i> , <b>2006</b> , 76, 1005-1007	0.7	1
24	Synthesis and structure of Mercury 8-selenolquinolinate Hg(C <sub>9</sub> H <sub>6</sub> NSe) <sub>2</sub> : Crystal-chemical comparison of mercury 8-selenol-, 8-mercapto-, and 8-hydroxyquinolinate. <i>Russian Journal of Inorganic Chemistry</i> , <b>2006</b> , 51, 57-63	1.5	1



23	Heterocyclic Thiones and Their Analogs in Reactions of 1,3-Dipolar Cycloaddition: III. Reaction of Benzothiazole-2-thione with a Double Excess of Nitrilimine. <i>Russian Journal of Organic Chemistry</i> , <b>2004</b> , 40, 1175-1180	0.7	1
22	Phosphorylation of 1,4-bis(hydroxymethyl)benzene. <i>Russian Chemical Bulletin</i> , <b>2005</b> , 54, 449-451	1.7	1
21	Heterocyclic Thiones and Their Analogs in Reactions of 1,3-Dipolar Addition: VI. Reactions of Thiazoline-2-thione with Nitrile Imines. <i>Russian Journal of Organic Chemistry</i> , <b>2005</b> , 41, 762-768	0.7	1
20	X-ray diffraction study of phase transitions in iron(II) trisnioximate hexadecylboronate clathrochelate complex. <i>Crystallography Reports</i> , <b>2001</b> , 46, 758-770	0.6	1
19	Penta- and hexa-m-phenylcyclophosphites and their derivatives. <i>Heteroatom Chemistry</i> , <b>2000</b> , 11, 129-137	1.7	1
18	Synthesis and structure of [(DMSO)2H][OsNO(DMSO)Cl4]. <i>Russian Chemical Bulletin</i> , <b>1994</b> , 43, 1273-1274	1.7	1
17	Synthesis and properties of polyacetylenes with electron donor substituents. <i>Polymer Science USSR</i> , <b>1991</b> , 33, 1402-1409		1
16	Hexa-aqua-bis-[3,5-bis-(hydroxy-imino)-1-methyl-2,4,6-trioxo-cyclo-hexa-nido-(2) N (3),O (4)]barium tetrahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, m602-3		1
15	Transformation of mononuclear aryl thiocarbamates to cyclic disulfides. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 1779-1783	1.7	1
14	Syntheses, structures, and geometric and spectral characteristics of the hexachlorodicuprate(II) complexes with the protonated 4-azafluoren-9-one derivatives: The crystal and molecular structures of bis(4-azafluoren-9-onium) hexachlorodiaquadocuprate(II) dihydrate. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 6-11	1.6	0
13	Reactions of glycosylamines with diphenylphosphine oxide and ethyl and phenyl phenylphosphinates. <i>Russian Journal of Organic Chemistry</i> , <b>2008</b> , 44, 1150-1156	0.7	0
12	Selective Aromatic Electrochemical Fluorination of Methyl Phenyl Sulfone. <i>Russian Journal of Organic Chemistry</i> , <b>2002</b> , 38, 1462-1464	0.7	0
11	Complexes of some divalent metals with alkoxy-NNO-azoxy compounds: Crystal and molecular structures of BH12N4O6. <i>Russian Journal of Inorganic Chemistry</i> , <b>2016</b> , 61, 712-717	1.5	
10	Structure of ammonium decachloro- $\eta$ -xodiosmate(IV) (NH <sub>4</sub> ) <sub>4</sub> [Os <sub>2</sub> OCl <sub>10</sub> ] and its behavior in solutions. <i>Russian Journal of Inorganic Chemistry</i> , <b>2013</b> , 58, 1227-1230	1.5	
9	Di-aqua-bis-[N-(2-fluoro-benz-yl)-N-nitroso-hydroxy-laminato-(2) O,O']nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, m98-9		
8	Bis(N-nitroso-N-pentyl-hydroxy-laminato-(2) O,O')copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, m137-8		
7	Complexation of chalcogenadiazoles with 3d metals: Crystal and molecular structure of naphtho[1,2-c][1,2,5]thiazol-9-ol. <i>Russian Journal of Inorganic Chemistry</i> , <b>2011</b> , 56, 868-874	1.5	
6	Crystal and molecular structures of benzo[4,5]imidazo[1,2-c]quinazolin-6-one and 10-carboxybenzo[4,5]imidazo[1,2-c]quinazolin-6-one: A quantum-chemical study of their tautomerism. <i>Crystallography Reports</i> , <b>2011</b> , 56, 256-259	0.6	

- 5 4a-Hydroxy-2,3,8a-trimethyl-6-oxo-8-phenylperhydroisoquinolinium chloride. *Acta Crystallographica Section E: Structure Reports Online*, **2004**, 60, o1472-o1473
- 4 Crystal structures and properties of isomers of 3,5-dinitro-(4-acetylphenyl)aminobenzoyl (p-bromophenyl)amide. *Crystallography Reports*, **2002**, 47, 58-64 0.6
- 3 X-ray diffraction studies of 6-methyl-5-acetyl-4-furyl-2-keto-1,2,3,6-tetrahydropyrimidine and 6-methyl-5-acetyl-4-bromophenyl-2-thio-1,2,3,6-tetrahydropyrimidine. *Crystallography Reports*, **2003**, 48, 606-609 0.6
- 2 Synthesis and Molecular Structure of Substituted 4-[N-Phenyl-N-(2-chloroethyl)amino]-1,4-dihydro-1,2,4B-diazaphosphorines. *Russian Journal of General Chemistry*, **2005**, 75, 370-374 0.7
- 1 Crystal and Molecular Structures and Acid-Base Equilibria of N-(4-Chlorophenyl)-2-Benzoylethylamine and Bis[3-(o-Chlorophenyl)-1-Phenylaminopropyl]diazene. *Crystallography Reports*, **2020**, 65, 48-52 0.6