

Denis V Pushkin

List of Publications by Year in descending order

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89
papers

578
citations

777949

13
h-index

889612

19
g-index

91
all docs

91
docs citations

91
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Halogen bonding in uranyl and neptunyl trichloroacetates with alkali metals and improved crystal chemical formulae for coordination compounds. Dalton Transactions, 2021, 50, 4210-4218.	1.6	5
2	New Complexes of Actinides with Monobromoacetate Ions: Synthesis and Structures. ACS Omega, 2021, 6, 21485-21490.	1.6	2
3	New itaconate-containing uranyl complex unit and coordination modes of itaconate ions. Comptes Rendus Chimie, 2020, 23, 117-126.	0.2	2
4	Uranyl Coordination Compounds with Alkaline Earth Metals and Crotonate Ligands. ChemistrySelect, 2019, 4, 8416-8423.	0.7	0
5	Coordination Polyhedra AlC _n in Crystal Structures. Russian Journal of Inorganic Chemistry, 2019, 64, 870-881.	0.3	4
6	Highly conjugated systems with pedal motion in uranyl crotonate compounds with 1,2-bis(4-pyridyl)ethylene as a neutral ligand or a counter cation. Inorganica Chimica Acta, 2019, 498, 119089.	1.2	3
7	Structural features of uranyl acrylate complexes with s-, p-, and d-monovalent metals. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 247-256.	0.4	7
8	Aspects of the topology of actinide atom substructures in crystal structures and the concept of antiliquid. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, 370-378.	0.0	6
9	Unusual Heteronuclear Uranyl Clusters with Aliphatic Monocarboxylate Ligands and Coordination Modes of Crotonate, Butyrate, and Valerate Ions. European Journal of Inorganic Chemistry, 2018, 2018, 1869-1876.	1.0	4
10	Unusual Heteronuclear Uranyl Clusters with Aliphatic Monocarboxylate Ligands and Coordination Modes of Crotonate, Butyrate, and Valerate Ions. European Journal of Inorganic Chemistry, 2018, 2018, 1867-1867.	1.0	0
11	Crystal structures of uranyl complexes with isobutyrate and isovalerate anions. Dalton Transactions, 2018, 47, 1849-1856.	1.6	7
12	The Coordination Polyhedra BC _n in Crystal Structures. Russian Journal of Inorganic Chemistry, 2018, 63, 1032-1040.	0.3	2
13	Coordination Polyhedra MC _n (M Is s-Metal Atom) in Crystal Structures. Russian Journal of Inorganic Chemistry, 2018, 63, 324-332.	0.3	2
14	Synthesis and X-ray Crystallographic Study of [(UO ₂) ₂ (C ₃ H ₂ O ₄)(Cl) ₂ (C ₄ H ₉ NO) ₄]. Russian Journal of Inorganic Chemistry, 2018, 63, 338-342.	0.3	2
15	Relationship between the Structure and Nonlinear Optical Properties of R[UO ₂ L ₃] and R ₃ [UO ₂ L ₃] ₄ Crystals (L = Carboxylate Ion). Russian Journal of Inorganic Chemistry, 2018, 63, 647-654.	0.3	3
16	Halogen bonding, actinide contraction and coordination modes of ligands in uranyl, neptunyl and plutonyl trichloroacetates with ammonium cations. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e392-e392.	0.0	0
17	Maleate ions as ligands in crystal structures of coordination compounds, including two uranyl complexes. Polyhedron, 2017, 127, 331-336.	1.0	6
18	Synthesis and X-ray diffraction study of uranyl malonate monohydrate. Radiochemistry, 2017, 59, 113-118.	0.2	3

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19	Syntheses and structures of $[\text{UO}_2(\text{L})_5](\text{ClO}_4)_2$ and $[\text{U}(\text{L}\text{ac})_4(\text{H}_2\text{O})_4](\text{ClO}_4)_4$ (L is dimethylformamide, Lac^- is $\text{Tj}_0,1\text{Qq1}$) 0.784314		
20	Crystal-chemical features of thermal polymorphism of actinides. <i>Radiochemistry</i> , 2016, 58, 561-570.	0.2	11
21	Uranyl Complexes with (Meth)acrylate Anions. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 118-125.	1.0	7
22	Structural diversity of uranyl acrylates. <i>CrystEngComm</i> , 2016, 18, 1723-1731.	1.3	5
23	Synthesis, Structure, and Nonlinear Optical Activity of K, Rb, and Cs Tris(crotonato)uranylates(VI). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1182-1187.	0.6	16
24	Crystal-chemical role of malonate ions in the structure of coordination polymers. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 1018-1027.	0.1	43
25	Synthesis and structure of $\text{AUO}_2(\text{n-C}_3\text{H}_7\text{COO})_3$ (A= Rb or Cs) and $\text{RbUO}_2(\text{n-C}_4\text{H}_9\text{COO})_3$. <i>Polyhedron</i> , 2015, 91, 68-72.	1.0	14
26	Trinuclear $\{\text{Sr}[\text{UO}_2\text{L}_3]_2(\text{H}_2\text{O})_4\}$ and pentanuclear $\{\text{Sr}[\text{UO}_2\text{L}_3]_4\}^{2+}$ uranyl monocarboxylate complexes (L-acetate or n-butyrate ion). <i>CrystEngComm</i> , 2015, 17, 740-746.	1.3	26
27	Tris(acrylato)uranylates as a scaffold for NLO materials. <i>Inorganic Chemistry Communication</i> , 2014, 46, 5-8.	1.8	18
28	Specific features of nonvalent interactions in orthorhombic perovskites. <i>Crystallography Reports</i> , 2014, 59, 493-503.	0.1	2
29	Electronic Structure of Cesium Butyrateuranylate(VI) as Derived from DFT-assisted Powder X-ray Diffraction Data. <i>Journal of Physical Chemistry A</i> , 2014, 118, 9745-9752.	1.1	17
30	Structural features of two polymorphs of ammonium uranyl crotonate. <i>Journal of Molecular Structure</i> , 2014, 1074, 583-588.	1.8	11
31	X-Ray diffraction and IR-spectroscopic studies of $\text{UO}_2(\text{n-C}_3\text{H}_7\text{COO})_2(\text{H}_2\text{O})_2$ and $\text{Mg}(\text{H}_2\text{O})_6[\text{UO}_2(\text{n-C}_3\text{H}_7\text{COO})_3]_2$. <i>Crystallography Reports</i> , 2014, 59, 190-195.	0.1	13
32	Cation-cation interactions between uranyl(VI) ions. <i>Radiochemistry</i> , 2014, 56, 115-133.	0.2	26
33	The crystallochemical role of malonate ions in coordination polymers. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C1250-C1250.	0.0	0
34	A single crystal X-ray diffraction study of $\text{Na}_4(\text{UO}_2)_4(\text{i-C}_4\text{H}_9\text{COO})_{11}(\text{NO}_3)\cdot 3\text{H}_2\text{O}$. <i>Radiochemistry</i> , 2013, 55, 466-471.	0.2	4
35	The first uranyl complexes with valerate ions. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 721-726.	0.4	19
36	Synthesis, crystal structure, and IR spectral study of $\text{Na}[(\text{UO}_2)(\text{C}_3\text{H}_7\text{COO})_3] \cdot 0.25\text{H}_2\text{O}$ and $\text{K}[(\text{UO}_2)(\text{C}_3\text{H}_7\text{COO})_3]$. <i>Russian Journal of Inorganic Chemistry</i> , 2012, 57, 939-944.	0.3	13

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37	Synthesis and study of $(\text{CN}_3\text{H}_6)_2[(\text{UO}_2)_2(\text{C}_2\text{O}_4)(\text{SeO}_3)_2]$ by IR spectroscopy and X-ray diffraction. Russian Journal of Inorganic Chemistry, 2012, 57, 175-180.	0.3	1
38	Features of intermolecular interactions in the crystals of metal acetylacetonates. Journal of Structural Chemistry, 2011, 52, 538-543.	0.3	0
39	Analysis of nonvalent interactions in the crystals of conformational polymorphs of the composition $\text{C a H b N c O d S e}$ by means of molecular voronoi-dirichlet polyhedra. Russian Journal of Physical Chemistry A, 2011, 85, 826-834.	0.1	8
40	Synthesis and X-ray structural investigation of $\text{K}_2(\text{H}_5\text{O}_2)[\text{UO}_2(\text{C}_2\text{O}_4)_2(\text{HSeO}_3)]$. Crystallography Reports, 2011, 56, 451-455.	0.1	2
41	Correlation between X-ray crystallography and nuclear quadrupole resonance data: Antimony halides and chalcogenides. Russian Journal of Inorganic Chemistry, 2010, 55, 523-529.	0.3	9
42	Synthesis and structure of $\text{Cs}[\text{UO}_2(\text{SeO}_4)(\text{OH})] \cdot n\text{H}_2\text{O}$ ($n = 1.5$ or 1). Crystallography Reports, 2010, 55, 381-385.	0.1	5
43	Analysis of the conformational polymorph crystal structures by means of molecular Voronoi-Dirichlet polyhedra. Crystallography Reports, 2010, 55, 554-562.	0.1	31
44	Topology features of chemically homogeneous sublattices in crystal structures. Journal of Structural Chemistry, 2009, 50, 14-21.	0.3	8
45	Synthesis and crystal structure of $(\text{NH}_4)(\text{CN}_3\text{H}_6)[\text{UO}_2(\text{SeO}_3)_2]$. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 42-46.	0.3	4
46	Nonbonded interactions in crystals of halogens and interhalogen compounds. Russian Journal of Inorganic Chemistry, 2009, 54, 1251-1260.	0.3	6
47	Noncovalent interactions in binary halides and oxides with a molecular crystal structure. Russian Journal of Inorganic Chemistry, 2009, 54, 1412-1418.	0.3	6
48	Crystal structure of $\text{Cs}[(\text{UO}_2)_2(\text{C}_2\text{O}_4)_2(\text{OH})] \cdot \text{H}_2\text{O}$. Russian Journal of Inorganic Chemistry, 2009, 54, 1577-1580.	0.3	1
49	The principle of maximum filling and characteristics of sublattices of hydrogen atoms. Russian Journal of Physical Chemistry A, 2009, 83, 1145-1152.	0.1	1
50	Synthesis and X-ray structural investigation of $\text{K}_8[(\text{UO}_2)_2(\text{C}_2\text{O}_4)_2(\text{SeO}_4)_4] \cdot 2\text{H}_2\text{O}$. Crystallography Reports, 2009, 54, 63-67.	0.1	2
51	Synthesis and X-ray structural investigation of $(\text{C}_3\text{N}_6\text{H}_7)_4(\text{CN}_3\text{H}_6)_2[\text{UO}_2(\text{CrO}_4)_4] \cdot 4\text{H}_2\text{O}$ and $(\text{H}_3\text{O})_6[\text{UO}_2(\text{CrO}_4)_4]$. Crystallography Reports, 2009, 54, 259-266.	0.1	5
52	Synthesis and crystal structure of $\text{Na}_3(\text{H}_3\text{O})[\text{UO}_2(\text{SeO}_3)_2]_2 \cdot \text{H}_2\text{O}$. Crystallography Reports, 2009, 54, 852-857.	0.1	5
53	Maximum filling principle and sublattices of actinide atoms in crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 225-232.	0.3	32
54	The coordination polyhedra GaS_n in crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 295-300.	0.3	0

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55	The coordination polyhedra CdS _n in crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 388-393.	0.3	0
56	The coordination polyhedra ZnS _n in crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 466-473.	0.3	1
57	Coordination polyhedra PbX _n (X = F, Cl, Br, I) in crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 570-578.	0.3	5
58	Maximum filling principle and sublattice characteristics for the atoms of period 3 elements. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 723-728.	0.3	4
59	Maximum filling principle and sublattice characteristics for the atoms of period 2 elements. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 924-930.	0.3	2
60	Synthesis and structure of Na[UO ₂ (SeO ₃)(HSeO ₃)] · 4H ₂ O. Russian Journal of Inorganic Chemistry, 2008, 53, 831-836.	0.3	1
61	Synthesis and X-ray diffraction study of K ₄ [(UO ₂) ₂ (C ₂ O ₄) ₃ (NCS) ₂] · 4H ₂ O. Russian Journal of Inorganic Chemistry, 2008, 53, 837-841.	0.3	4
62	Neutron diffraction study of UO ₂ SeO ₄ · 2D ₂ O. Russian Journal of Inorganic Chemistry, 2008, 53, 1283-1287.	0.3	6
63	Correlation between the spatial structure of molecules of saturated hydrocarbons and their heats of adsorption. Russian Journal of Physical Chemistry A, 2008, 82, 1343-1348.	0.1	5
64	Interrelation between the spatial structure of unsaturated hydrocarbon molecules and heats of their adsorption. Russian Journal of Physical Chemistry A, 2008, 82, 1349-1356.	0.1	5
65	Crystal structure of {NH ₂ C(NHC ₆ H ₅) ₂ } ₃ [UO ₂ (C ₂ O ₄) ₂ (NCS)] · 1.25H ₂ O. Crystallography Reports, 2008, 53, 651-654.	0.1	5
66	The effect of the chemical nature of atoms on their site symmetry in the crystal structure. Doklady Physical Chemistry, 2007, 413, 49-54.	0.2	0
67	Coordination polyhedra TeO _n in crystal structures. Russian Journal of Inorganic Chemistry, 2007, 52, 203-208.	0.3	17
68	Stereochemical features of bromine- and iodine-containing compounds of lanthanides. Russian Journal of Inorganic Chemistry, 2007, 52, 209-217.	0.3	1
69	Maximum filling principle and sublattice characteristics for the atoms of period 4 elements. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 244-253.	0.3	3
70	Maximum filling principle and sublattices of lanthanide atoms in crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 741-748.	0.3	3
71	Phase relations in the system K ₂ MoO ₄ –KPO ₃ –MoO ₃ –Bi ₂ O ₃ : A new phosphate K ₃ Bi ₅ (PO ₄) ₆ . Journal of Solid State Chemistry, 2007, 180, 3351-3359.	1.4	18
72	LnO _n coordination polyhedra (Ln = La–Lu) in crystal structures. Acta Crystallographica Section B: Structural Science, 2006, 62, 754-760.	1.8	12

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73	Coordination polyhedra LnOn (Ln = Er, Tm, Yb, Lu) in crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 45-56.	0.3	1
74	Iron stereochemistry in oxygen-containing compounds. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 180-191.	0.3	5
75	Maximum filling principle and sublattice characteristics for the atoms of period 6 elements. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 801-810.	0.3	9
76	Coordination polyhedra LnCl _n (Ln = La-Lu) in crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 815-823.	0.3	1
77	Maximum filling principle and sublattice characteristics for the atoms of period V elements. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 869-878.	0.3	6
78	Coordination polyhedra PbO _n in crystal structures. Russian Journal of Inorganic Chemistry, 2006, 51, 99-107.	0.3	5
79	Coordination polyhedra LnFn (Ln = La-Lu) in crystal structures. Russian Journal of Inorganic Chemistry, 2006, 51, 747-758.	0.3	5
80	The coordination polyhedra PrOn in the crystal structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 51-57.	0.3	2
81	Coordination Polyhedra LaOn in Crystal Structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 440-444.	0.3	0
82	Manganese Stereochemistry in the Structures of Oxygen-Containing Compounds. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 737-746.	0.3	9
83	Coordination Polyhedra LnO _n (Ln = Tb, Dy, Ho) in Crystal Structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 814-822.	0.3	0
84	The Coordination Polyhedra OsN _n in Crystal Structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 48-59.	0.3	1
85	Characteristic Features of Platinum Stereochemistry in the Structures of Organometallic Compounds. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 100-109.	0.3	0
86	Characteristic Features of the Rhodium Stereochemistry in the Structure of Carbonyls and Organometallic Compounds. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 852-863.	0.3	0
87	The PtX _n Coordination Polyhedra (X = S, Se, Te) in Crystal Structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 203-218.	0.3	1
88	Coordination Polyhedra BiF _n in Crystal Structures. Doklady Chemistry, 2001, 378, 168-173.	0.2	1
89	Title is missing!. Doklady Chemistry, 2001, 379, 212-215.	0.2	6