

# Viktor N Serezhkin

## List of Publications by Year in descending order

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docs citations

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times ranked

446  
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	Advancing the use of Voronoi's Dirichlet polyhedra to describe interactions in organic molecular crystal structures by the example of galunisertib polymorphs. CrystEngComm, 2021, 23, 562-568.	1.3	11
3	Features of actinide contraction in AnX <sub>3</sub> crystals (X = S, Se or Te). Solid State Sciences, 2021, 121, 106734.	1.5	2
4	Features of the conformation of galunisertib molecules in the crystal structures of its solvates. CrystEngComm, 2021, 23, 8269-8275.	1.3	5
5	AnSen (An = Th, U, Np, Pu, Am, or Cm) Coordination Polyhedra in Crystal Structures. Radiochemistry, 2020, 62, 454-464.	0.2	4
6	Specific Features of Lanthanide Stereochemistry in Sulfides. Russian Journal of Inorganic Chemistry, 2020, 65, 1879-1890.	0.3	2
7	Application of the Method of Molecular Voronoi's Dirichlet Polyhedra for Analysis of Noncovalent Interactions in Aripiprazole Polymorphs. Crystal Growth and Design, 2020, 20, 1997-2003.	1.4	22
8	AnSn Coordination Polyhedra (An = Th, U, Np, Pu, Am, Cm, or Cf) in Crystal Structures. Radiochemistry, 2020, 62, 689-699.	0.2	3
9	New itaconate-containing uranyl complex unit and coordination modes of itaconate ions. Comptes Rendus Chimie, 2020, 23, 117-126.	0.2	2
10	Synthesis and Structure of U(VI), Np(VI), and Pu(VI) 2-Fluorobenzoates. Radiochemistry, 2019, 61, 293-299.	0.2	3
11	Synthesis and Structure of U(VI), Np(VI), and Pu(VI) Phenylacetates. Radiochemistry, 2019, 61, 129-136.	0.2	2
12	Peculiarities of the Supramolecular Assembly of Tetraethylammonium and 3-Bromopropionate Ions in Uranyl, Neptunyl, and Plutonyl Coordination Compounds. Inorganic Chemistry, 2019, 58, 14577-14585.	1.9	3
13	Multiplicity of Te-Te Bonds in Tellurium-Containing Lanthanide Compounds. Russian Journal of Physical Chemistry A, 2019, 93, 288-295.	0.1	3
14	Multiplicity of Se-Se Bond in Selenium-Containing Lanthanide Compounds. Russian Journal of Inorganic Chemistry, 2019, 64, 984-993.	0.3	8
15	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
16	Actinide Contraction in Oxygen-Containing An(VI) Compounds. Radiochemistry, 2019, 61, 408-419.	0.2	4
17	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
18	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

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19	Stereochemistry of Neptunium in Oxygen-Containing Compounds. <i>Radiochemistry</i> , 2018, 60, 1-12.	0.2	16
20	Crystal structures of uranyl complexes with isobutyrate and isovalerate anions. <i>Dalton Transactions</i> , 2018, 47, 1849-1856.	1.6	7
21	A method for visualization of the variation of noncovalent interactions in crystal structures of conformational polymorphs. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 137-147.	0.5	13
22	Stereochemistry of Bk, Cf, and Es in Oxygen-Containing Compounds. <i>Radiochemistry</i> , 2018, 60, 488-497.	0.2	4
23	Hydroxyl Ammonium and Diethyl Ammonium Glutaratouranylates: Synthesis and Structure. <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 1309-1314.	0.3	1
24	Stereochemistry of Plutonium in Oxygen-Containing Compounds. <i>Radiochemistry</i> , 2018, 60, 221-232.	0.2	11
25	Role of Succinate Ions in the Polymorphism of Coordination Polymers of f-Metals. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 1535-1541.	0.1	6
26	Synthesis and X-ray Crystallographic Study of $[(UO_2)_2(C_3H_2O_4)(Cl)_2(C_4H_9NO)_4]$ . <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 338-342.	0.3	2
27	Stereochemistry of Americium and Curium in Oxygen-Containing Compounds. <i>Radiochemistry</i> , 2018, 60, 335-344.	0.2	7
28	Relationship between the Structure and Nonlinear Optical Properties of $R[UO_2L_3]$ and $R_3[UO_2L_3]_4$ Crystals (L = Carboxylate Ion). <i>Russian Journal of Inorganic Chemistry</i> , 2018, 63, 647-654.	0.3	3
29	Halogen bonding, actinide contraction and coordination modes of ligands in uranyl, neptunyl and plutonyl trichloroacetates with ammonium cations. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e392-e392.	0.0	0
30	Crystal-chemical features of baric polymorphism of actinides. <i>Radiochemistry</i> , 2017, 59, 26-34.	0.2	5
31	Stereochemistry of silicon in oxygen-containing compounds. <i>Crystallography Reports</i> , 2017, 62, 50-59.	0.1	1
32	Syntheses, Crystal Structures, and Nonlinear Optical Activity of $Cs_2Ba[AnO_2(C_2H_5COO)_3]_4$ (An = U, Np, Pu) and Unprecedented Octanuclear Complex Units in $KR_2(H_2O)_8[UO_2(C_2H_5COO)_3]_5$ (R = Sr, Ba). <i>Inorganic Chemistry</i> , 2017, 56, 7151-7160.	1.9	16
33	Syntheses and structures of $[UO_2(L)_5](ClO_4)_2$ and $[U(L)_4(H_2O)_4](ClO_4)_4$ (L is dimethylformamide, L is $Tj_{0.1}Qq_1$ 1 0.7843141		
34	Visualization of non-covalent interactions in conformational polymorphs. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C773-C773.	0.0	0
35	Synthesis and X-ray Crystallography of $[Mg(H_2O)_6][AnO_2(C_2H_5COO)_3]_2$ (An = U, Np, or Pu). <i>Inorganic Chemistry</i> , 2016, 55, 7688-7693.	1.9	20
36	Crystal-chemical features of thermal polymorphism of actinides. <i>Radiochemistry</i> , 2016, 58, 561-570.	0.2	11

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37	The Crystal-Chemical Role of Alkylmalonate Ions in the Structure of Coordination Polymers. Russian Journal of Physical Chemistry A, 2016, 90, 803-808.	0.1	3
38	Uranyl Complexes with (Meth)acrylate Anions. European Journal of Inorganic Chemistry, 2016, 2016, 118-125.	1.0	7
39	Synthesis and structure of crystals of $\text{UO}_2(\text{C}_2\text{H}_5\text{COO})_2 \cdot n\text{L}$ (L = methylurea or N,N-dimethylurea). Radiochemistry, 2016, 58, 114-123.	0.2	5
40	Structural diversity of uranyl acrylates. CrystEngComm, 2016, 18, 1723-1731.	1.3	5
41	Structure and some properties of $\text{UO}_2(\text{C}_2\text{H}_5\text{COO})_2 \cdot n\text{Q} \cdot m\text{H}_2\text{O}$ (Q is carbamide or ethylenecarbamide). Russian Journal of Inorganic Chemistry, 2016, 61, 24-32.	0.3	2
42	Synthesis and structure of U(VI), Np(VI), and Pu(VI) propionates. Crystallography Reports, 2015, 60, 844-852.	0.1	12
43	Synthesis, Structure, and Nonlinear Optical Activity of K, Rb, and Cs Tris(crotonato)uranylates(VI). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1182-1187.	0.6	16
44	Application of the Method of Molecular Voronoi-Dirichlet Polyhedra for Analysis of Noncovalent Interactions in Crystal Structures of Flufenamic Acid-The Current Record-Holder of the Number of Structurally Studied Polymorphs. Crystal Growth and Design, 2015, 15, 2878-2882.	1.4	44
45	Crystal-chemical role of malonate ions in the structure of coordination polymers. Russian Journal of Physical Chemistry A, 2015, 89, 1018-1027.	0.1	43
46	Synthesis and structure of $\text{AUO}_2(\text{n-C}_3\text{H}_7\text{COO})_3$ (A= Rb or Cs) and $\text{RbUO}_2(\text{n-C}_4\text{H}_9\text{COO})_3$ . Polyhedron, 2015, 91, 68-72.	1.0	14
47	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). CrystEngComm, 2015, 17, 740-746.	1.3	26
48	Tris(acrylato)uranylates as a scaffold for NLO materials. Inorganic Chemistry Communication, 2014, 46, 5-8.	1.8	18
49	Specific features of nonvalent interactions in orthorhombic perovskites. Crystallography Reports, 2014, 59, 493-503.	0.1	2
50	Structural features of two polymorphs of ammonium uranyl crotonate. Journal of Molecular Structure, 2014, 1074, 583-588.	1.8	11
51	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 $\text{Mg}(\text{H}_2\text{O})_6[\text{UO}_2(\text{n-C}_3\text{H}_7\text{COO})_3]_2$ . Crystallography Reports, 2014, 59, 190-195.	0.1	13
52	Cation-cation interactions between uranyl(VI) ions. Radiochemistry, 2014, 56, 115-133.	0.2	26
53	The crystallochemical role of malonate ions in coordination polymers. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C1250-C1250.	0.0	0
54	Causes of uranyl ion nonlinearity in crystal structures. Radiochemistry, 2013, 55, 137-146.	0.2	44

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55	The first uranyl complexes with valerate ions. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 721-726.	0.4	19
56	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
57	Voronoi's "Dirichlet tessellation as a tool for investigation of polymorphism in molecular crystals with $\text{C}_{\text{sub}} <i>w</i> </sub> \text{H}_{\text{sub}} <i>x</i> </sub> \text{N}_{\text{sub}} <i>y</i> </sub> \text{O}_{\text{sub}} <i>z</i> </sub>$ composition and photochromic properties. <i>Acta Crystallographica Section B: Structural Science</i> , 2012, 68, 305-312.	1.8	48
58	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. <i>Russian Journal of Inorganic Chemistry</i> , 2012, 57, 175-180.	0.3	1
59	Features of intermolecular interactions in the crystals of metal acetylacetonates. <i>Journal of Structural Chemistry</i> , 2011, 52, 538-543.	0.3	0
60	Correlation between X-ray crystallography and nuclear quadrupole resonance data: Antimony halides and chalcogenides. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 523-529.	0.3	9
61	Analysis of the conformational polymorph crystal structures by means of molecular Voronoi-Dirichlet polyhedra. <i>Crystallography Reports</i> , 2010, 55, 554-562.	0.1	31
62	Topology features of chemically homogeneous sublattices in crystal structures. <i>Journal of Structural Chemistry</i> , 2009, 50, 14-21.	0.3	8
63	Crystallochemical formula as a tool for describing metal-ligand complexes – a pyridine-2,6-dicarboxylate example. <i>Acta Crystallographica Section B: Structural Science</i> , 2009, 65, 45-53.	1.8	157
64	Synthesis and characterisation of a trinuclear uranyl complex: Crystal structure of $(\text{CN}_3\text{H}_6)_5[(\text{UO}_2)_3\text{O}(\text{OH})_2(\text{CH}_3\text{COO})(\text{C}_2\text{O}_4)_3]$ . <i>Inorganica Chimica Acta</i> , 2009, 362, 4921-4925.	1.2	22
65	Nonbonded interactions in crystals of halogens and interhalogen compounds. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 1251-1260.	0.3	6
66	Noncovalent interactions in binary halides and oxides with a molecular crystal structure. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 1412-1418.	0.3	6
67	Synthesis and crystal structure of $\text{Na}_3(\text{H}_3\text{O})[\text{UO}_2(\text{SeO}_3)_2]_2 \cdot \text{H}_2\text{O}$ . <i>Crystallography Reports</i> , 2009, 54, 852-857.	0.1	5
68	Maximum filling principle and sublattices of actinide atoms in crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2008, 34, 225-232.	0.3	32
69	The coordination polyhedra $\text{GaS}_n$ in crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2008, 34, 295-300.	0.3	0
70	The coordination polyhedra $\text{CdS}_n$ in crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2008, 34, 388-393.	0.3	0
71	The coordination polyhedra $\text{ZnS}_n$ in crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2008, 34, 466-473.	0.3	1
72	Coordination polyhedra $\text{PbX}_n$ ( $X = \text{F}, \text{Cl}, \text{Br}, \text{I}$ ) in crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2008, 34, 570-578.	0.3	5

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73	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
74	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
75	Neutron diffraction study of $\text{UO}_2\text{SeO}_4 \cdot 2\text{D}_2\text{O}$ . Russian Journal of Inorganic Chemistry, 2008, 53, 1283-1287.	0.3	6
76	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
77	Coordination polyhedra $\text{TeO}_n$ in crystal structures. Russian Journal of Inorganic Chemistry, 2007, 52, 203-208.	0.3	17
78	Stereochemical features of bromine- and iodine-containing compounds of lanthanides. Russian Journal of Inorganic Chemistry, 2007, 52, 209-217.	0.3	1
79	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
80	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
81	$\text{LnO}_n$ coordination polyhedra ( $\text{Ln} = \text{La} \text{--} \text{Lu}$ ) in crystal structures. Acta Crystallographica Section B: Structural Science, 2006, 62, 754-760.	1.8	12
82	Coordination polyhedra $\text{LnOn}$ ( $\text{Ln} = \text{Er}, \text{Tm}, \text{Yb}, \text{Lu}$ ) in crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 45-56.	0.3	1
83	Iron stereochemistry in oxygen-containing compounds. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 180-191.	0.3	5
84	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
85	Coordination polyhedra $\text{LnCl}_n$ ( $\text{Ln} = \text{La-Lu}$ ) in crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 815-823.	0.3	1
86	Coordination polyhedra $\text{PbO}_n$ in crystal structures. Russian Journal of Inorganic Chemistry, 2006, 51, 99-107.	0.3	5
87	Coordination polyhedra $\text{LnFn}$ ( $\text{Ln} = \text{La-Lu}$ ) in crystal structures. Russian Journal of Inorganic Chemistry, 2006, 51, 747-758.	0.3	5
88	The coordination polyhedra $\text{PrOn}$ in the crystal structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 51-57.	0.3	2
89	Coordination Polyhedra $\text{LaOn}$ in Crystal Structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 440-444.	0.3	0
90	Manganese Stereochemistry in the Structures of Oxygen-Containing Compounds. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 737-746.	0.3	9

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91	Coordination Polyhedra LnO <sub>n</sub> (Ln = Tb, Dy, Ho) in Crystal Structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 814-822.	0.3	0
92	The Coordination Polyhedra OsN <sub>n</sub> in Crystal Structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 48-59.	0.3	1
93	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
94	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
95	The PtX <sub>n</sub> Coordination Polyhedra (X = S, Se, Te) in Crystal Structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 203-218.	0.3	1
96	Coordination Polyhedra BiF <sub>n</sub> in Crystal Structures. Doklady Chemistry, 2001, 378, 168-173.	0.2	1
97	Title is missing!. Doklady Chemistry, 2001, 379, 212-215.	0.2	6