

Pavel V Dorovatovskii

List of Publications by Year in descending order

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222
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis, supramolecular isomerism, and photoluminescence of scandium(Sc^{III}) complexes with a tetrafluoroterephthalate ligand. <i>CrystEngComm</i> , 2022, 24, 2057-2071.	2.6	0
2	Porous nickel and cobalt hexanuclear ring-like clusters built from two different kind of calixarene ligands – new molecular traps for small volatile molecules. <i>CrystEngComm</i> , 2022, 24, 330-340.	2.6	3
3	Heteroleptic Pd(II) and Pt(II) Complexes with Redox-Active Ligands: Synthesis, Structure, and Multimodal Anticancer Mechanism. <i>Inorganic Chemistry</i> , 2022, 61, 2105-2118.	4.0	26
4	Quantum-Chemical Simulation of Charge-Transfer Complexes of 2,4,7-Trinitro-9H-fluoren-9-one with Donor Molecules. Crystal and Molecular Structure of the 1 : 1 Complex of 2,4,7-Trinitro-9H-fluoren-9-one with Anthracene. <i>Russian Journal of General Chemistry</i> , 2022, 92, 212-223.	0.8	2
5	Exploring Cagelike Silsesquioxane Building Blocks for the Design of Heterometallic Cu_4/M_4 Architectures. <i>Crystal Growth and Design</i> , 2022, 22, 2146-2157.	3.0	11
6	Crystalline State Hydrogen Bonding of 2-(2-Hydroxybenzylidene)Thiazolo[3,2-a]Pyrimidines: A Way to Non-Centrosymmetric Crystals. <i>Crystals</i> , 2022, 12, 494.	2.2	6
7	The Crystal Structure Elucidation of a Tetrapeptide Analog of Somatostatin DOTA-Phe-D-Trp-Lys-Thr-OMe. <i>Crystals</i> , 2022, 12, 12.	2.2	1
8	Speciation of Zn and Cu in Technosol and evaluation of a sequential extraction procedure using XAS, XRD and SEM-EDX analyses. <i>Environmental Geochemistry and Health</i> , 2021, 43, 2301-2315.	3.4	20
9	Effect of the spin-orbit interaction of ligands on the parameters of EPR spectra for a series of niobium(IV) complexes of trans-[$\text{NbX}_4(\text{OPPh}_3)_2$] ($\text{X} = \text{Cl, Br, I}$). <i>Inorganica Chimica Acta</i> , 2021, 515, 120056.	2.4	2
10	Synthesis, crystal molecular structure, and magnetic characteristics of coordination polymers formed by Co^{II} diketonates with pentaheterocyclic triphenodioxazines. <i>New Journal of Chemistry</i> , 2021, 45, 304-313.	2.8	7
11	Intense multi-colored luminescence in a series of rare-earth metal-organic frameworks with aliphatic linkers. <i>Dalton Transactions</i> , 2021, 50, 11899-11908.	3.3	11
12	Synthesis and spectral characterization of the first fluorescein-tagged iron(Fe^{II}) clathrochelates, their supramolecular interactions with globular proteins, and cellular uptake. <i>RSC Advances</i> , 2021, 11, 8163-8177.	3.6	10
13	Optical properties and electronic structure of methylammonium iodocuprate as an X-ray scintillator. <i>Mendeleev Communications</i> , 2021, 31, 14-16.	1.6	2
14	Synthesis and first-principles study of structural, electronic and optical properties of tetragonal hybrid halobismuthates $[\text{Py}_2(\text{XK})_2]_2[\text{Bi}_2\text{Br}_{10}]_x$. <i>New Journal of Chemistry</i> , 2021, 45, 18349-18357.	2.8	4
15	CHARGE TRANSFER COMPLEXES OF NITRO DERIVATIVES OF 9,10-PHENANTHRENEQUINONE WITH ANTHRACENE. CRYSTAL AND MOLECULAR STRUCTURES OF THE (1:1) COMPLEX OF 2,4,7-TRINITRO-9,10-PHENANTHRENEQUINONE WITH ANTHRACENE. <i>Journal of Structural Chemistry</i> , 2021, 62, 137-146.	1.0	3
16	36-Nuclear Coordination Compounds of Nickel(II) with Malonate Anions and Internal Aquated Magnesium and Sodium Cations. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021, 47, 180-185.	1.0	3
17	Metal-organic frameworks from pre-synthesized heterometallic (d-f) complexes: Synthesis, structure and luminescent properties. <i>Inorganica Chimica Acta</i> , 2021, 517, 120216.	2.4	9
18	Structure and Conjugation Study of Organometallic [4]Radialenes of Group 4 Metallocenes. Synthesis of Zirconium [4]Radialene. <i>Organometallics</i> , 2021, 40, 1344-1350.	2.3	3

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19	Novel titanium(IV) diolate complexes with additional Oâ€donor as precatalyst for the synthesis of ultrahigh molecular weight polyethylene with reduced entanglement density: Influence of polymerization conditions and its implications on mechanical properties. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6256.	3.5	13
20	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
21	Coordination Properties of Hydroxyisophthalic Acids: Topological Correlations, Synthesis, Structural Analysis, and Properties of New Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 9180-9192.	3.3	16
22	Synthesis, Structure and Electrochemical Properties of Acetamide- and Caprolactam-Containing Silicon Catecholates. <i>Molecules</i> , 2021, 26, 3548.	3.8	5
23	Synthesis and Structure of the Bis- and Tris-Polyhedral Hybrid Carboranocathrochelates with Functionalizing Biorelevant Substituentsâ€The Derivatives of Propargylamine Iron(II) Clathrochelates with Terminal Triple Câ%ïC Bond(s). <i>Molecules</i> , 2021, 26, 3635.	3.8	1
24	Sub- and supersolidus phase relations of formamidinium-cesium polyiodides. <i>Mendeleev Communications</i> , 2021, 31, 451-453.	1.6	1
25	Cellulose-Based Hydrogels and Aerogels Embedded with Silver Nanoparticles: Preparation and Characterization. <i>Gels</i> , 2021, 7, 82.	4.5	17
26	Synthesis, structure, and PDE inhibiting activity of the anionic DNIC with 5-(3-pyridyl)-4H-1,2,4-triazole-3-thiolyl, the nitric oxide donor. <i>Inorganica Chimica Acta</i> , 2021, 527, 120559.	2.4	7
27	Composite nanoparticles with titaniaâ€poly(N-vinylamide) coreâ€shell structure. <i>Mendeleev Communications</i> , 2021, 31, 24-26.	1.6	0
28	Charge Transfer Complexes of 1,3,6-Trinitro-9,10-phenanthrenequinone with Polycyclic Aromatic Compounds. <i>Molecules</i> , 2021, 26, 6391.	3.8	4
29	Unsymmetrical Trifluoromethyl Methoxyphenyl Î²-Diketones: Effect of the Position of Methoxy Group and Coordination at Cu(II) on Biological Activity. <i>Molecules</i> , 2021, 26, 6466.	3.8	5
30	Ionic Cyclopropenium-Derived Triplatinum Cluster Complex [(Ph ₃ C ₃) ₂ Pt ₃ (MeCN) ₄] ²⁺ (BF ₄) ₁₀ â€Synthesis, Structure, and Perspectives for Use as a Catalyst for Hydrosilylation Reactions. <i>Organometallics</i> , 2021, 40, 3876-3885.	2.3	10
31	LSSmScarlet, dCyRFP2s, dCyOFP2s and CRISPRed2s, Genetically Encoded Red Fluorescent Proteins with a Large Stokes Shift. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12887.	4.1	9
32	Stereodirected synthesis of alkaloid-like quinolizidine systems. <i>Natural Product Research</i> , 2020, 34, 269-277.	1.8	1
33	The effect of spacer and alkyl tail lengths on the photoorientation processes in amorphousized films of azobenzene-containing liquid crystalline polymethacrylates. <i>Liquid Crystals</i> , 2020, 47, 377-383.	2.2	15
34	Cu(II)-silsesquioxanes as efficient precatalysts for Chan-Evans-Lam coupling. <i>Journal of Organometallic Chemistry</i> , 2020, 906, 121022.	1.8	16
35	Structural peculiarities and luminescence of europium dipivaloylmethanates with 2,2â€bipyridine derivatives. Polymorphism of [Eu(DPM)3Bpy]. <i>Inorganica Chimica Acta</i> , 2020, 502, 119294.	2.4	6
36	The binding of precipitant ions in the tetragonal crystals of hen egg white lysozyme. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 5159-5172.	3.5	8

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37	Quantum-Chemical Simulation of the Structure of Charge-Transfer Complexes of 9,10-Phenanthrenequinone Nitro-Derivatives with Phenanthrene. Crystal and Molecular Structure of 1 : 1 Complex of 2,4,7-Trinitro-9,10-phenanthrenequinone with Phenanthrene. Russian Journal of General Chemistry, 2020, 90, 1869-1877.	0.8	3
38	Nuclearity control in calix[4]arene-based zinc(Zn^{2+}) coordination complexes. CrystEngComm, 2020, 22, 7693-7703.	2.6	10
39	Formamidinium Haloplumbate Intermediates: The Missing Link in a Chain of Hybrid Perovskites Crystallization. Chemistry of Materials, 2020, 32, 7739-7745.	6.7	35
40	Crystal Structure of Metal-Organic Coordination Polymers Based on Potassium and Barium Cations with β -Cyclodextrin. Journal of Structural Chemistry, 2020, 61, 431-438.	1.0	5
41	One-Pot Synthesis of Thieno[2,3-b]pyridine and Pyrido[3,2-d]pyrimidine Derivatives. Russian Journal of Organic Chemistry, 2020, 56, 974-982.	0.8	9
42	Synthesis and Properties of 3-Substituted 2H-Chromen-2-ones. Russian Journal of Organic Chemistry, 2020, 56, 1123-1131.	0.8	2
43	Synthesis and characterization of the acid hexamolybdocobaltate(III) complex with amino acid glycine of composition $(\text{H}_3\text{O})_3[\text{CoMo}_6\text{O}_{18}(\text{OH})_6] \cdot (\text{H}_3\text{NCH}_2\text{COO})_2(\text{H}_2\text{O})_5$. Russian Chemical Bulletin, 2020, 69, 1030-1034.	1.5	0
44	Iron(II) and Cobalt(II) Complexes with 2,6-Bis(1,4-Diphenyl-5-Hydroxy-1H-Pyrazol-3-yl)pyridine: Synthesis, Structures, and Spin States. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 317-325.	1.0	2
45	Imidazol-5-one as an Acceptor in Donor-Acceptor Cyclopropanes: Cycloaddition with Aldehydes. Organic Letters, 2020, 22, 2740-2745.	4.6	16
46	Coordination Affinity of Cu(II)-Based Silsesquioxanes toward N,N-Ligands and Associated Skeletal Rearrangements: Cage and Ionic Products Exhibiting a High Catalytic Activity in Oxidation Reactions. Inorganic Chemistry, 2020, 59, 4536-4545.	4.0	22
47	The impact of alicyclic substituents on the extraction ability of new family of 1,10-phenanthroline-2,9-diamides. RSC Advances, 2020, 10, 26022-26033.	3.6	34
48	Interplay between various crystalline and hexatic-B phases in 75OBC liquid crystal: X-ray diffraction and calorimetry study. Liquid Crystals, 2020, 47, 1366-1378.	2.2	4
49	Tetrahedral Silicon-Centered Dibenzoylmethanoboron Difluorides: Synthesis, Crystal Structure, and Photophysical Behavior in Solution and the Solid State. ChemPlusChem, 2020, 85, 1111-1119.	2.8	9
50	Towards the Molecular Design of Spin-Crossover Complexes of 2,6-Bis(pyrazol-3-yl)pyridines. Chemistry - A European Journal, 2020, 26, 5629-5638.	3.3	28
51	Screening of Conditions that Facilitate Crystallization of Oligopeptidase B from Serratia Proteamaculans by Differential Scanning Fluorimetry. Crystallography Reports, 2020, 65, 264-268.	0.6	5
52	Belok/XSA Diffraction Beamline for Studying Crystalline Samples at Kurchatov Synchrotron Radiation Source. Crystal Research and Technology, 2020, 55, 1900184.	1.3	156
53	New one-, two-, and three-dimensional metal-organic frameworks based on magnesium(II): synthesis and structure. Russian Chemical Bulletin, 2020, 69, 360-368.	1.5	13
54	Synthesis and Structural Study of Dichlorodiazadienes Derived from 4-Methoxybenzaldehyde. Russian Journal of Organic Chemistry, 2020, 56, 185-192.	0.8	0

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55	Revision of the Regioselectivity of the Beirut Reaction of Monosubstituted Benzofuroxans with Benzoylacetonitrile. 6-Substituted quinoxaline-2-carbonitrile 1,4-dioxides: Structural Characterization and Estimation of Anticancer Activity and Hypoxia Selectivity. <i>Current Organic Synthesis</i> , 2020, 17, 29-39.	1.3	5
56	Novel multicomponent synthesis of 6,7-dihydro-5H-cyclopenta[b]pyridine derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 1592-1598.	1.2	0
57	Multicomponent synthesis of nicotinic acid derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 1579-1585.	1.2	3
58	Crystal structures of (<i>E</i>)-5-(4-methylphenyl)-1-(pyridin-2-yl)pent-2-en-4-yn-1-one and [3,4-bis(phenylethynyl)cyclobutane-1,2-diyl]bis(pyridin-2-ylmethanone). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 192-196.	0.5	0
59	Study of a reliquary cross from the Novodevichy Convent with natural science techniques. <i>Rossijskaja Arheologija</i> , 2020, , 165-183.	0.2	0
60	SYNTHESIS AND STRUCTURE OF TWO NOVEL METAL-ORGANIC FRAMEWORKS BASED ON CLUSTER ANIONS [Re ₆ Se ₈ (CN) ₆] ⁴⁻ , CATIONS Tb ³⁺ , AND ISONICOTINATE ANIONS. <i>Journal of Structural Chemistry</i> , 2020, 61, 1630-1638.	1.0	1
61	Uranyl Coordination Compounds with Alkaline Earth Metals and Crotonate Ligands. <i>ChemistrySelect</i> , 2019, 4, 8416-8423.	1.5	0
62	New Cu ₄ N ₄ - and Cu ₅ -Based Phenylsilsesquioxanes. Synthesis via Complexation with 1,10-Phenanthroline, Structures and High Catalytic Activity in Alkane Oxidations with Peroxides in Acetonitrile. <i>Catalysts</i> , 2019, 9, 701.	3.5	15
63	Synthesis of Functionalized Partially Hydrogenated Quinolines by a Stork Reaction "Intramolecular Transamination" Alkylation Tandem Protocol. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1177-1188.	0.8	4
64	One-pot acid-free ferrocenylalkylation of azoles with ferrocenyl alcohols: ferrocene-based plant growth regulators and herbicide safeners. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5228.	3.5	11
65	Iron(II) Clathrochelate with Terminal Triple C-C Bond and Its Carboranoclathrochelate Derivative with a Flexible Linker between the Polyhedral Cages: Synthesis and X-Ray Structure. <i>ChemistrySelect</i> , 2019, 4, 11572-11577.	1.5	4
66	Synthesis, molecular and crystalline structure of 2-(alkylsulfanyl)-4-aryl(hetaryl)-5,6,7,8-tetrahydroquinoline-3-carbonitriles. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 839-843.	1.2	3
67	Size Effects in Nanocrystalline Thoria. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23167-23176.	3.1	19
68	New Synthesis of Functionalized Nicotinamides. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1019-1033.	0.8	6
69	Synthesis and Structure of Esterification Products of 6-aryl-1,2,3,6,7,7a-hexahydro-3H ⁶ ,6-epoxyisoindole-7-carboxylic Acids. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 729-738.	1.2	5
70	The first tris-heteroleptic copper cage, ligated by germsesquioxanes, 2,2'-bipyridines and 3,5-dimethylpyrazolates. Synthesis, structure and unique catalytic activity in oxidation of alkanes and alcohols with peroxides. <i>Journal of Organometallic Chemistry</i> , 2019, 899, 120911.	1.8	15
71	Study of Kinetics of Solid Phase Transition in Tetracosane C ₂₄ H ₅₀ by High-Resolution Synchrotron X-Ray Powder Diffraction. <i>Physics of the Solid State</i> , 2019, 61, 1128-1135.	0.6	0
72	The Crystalline Structure of Nascent Ultra High Molecular Weight Single Particles and Its Change on Heating, as Revealed by in-situ Synchrotron Studies. <i>Journal of Macromolecular Science - Physics</i> , 2019, 58, 847-859.	1.0	4

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73	Methylammonium Polyiodides: Remarkable Phase Diversity of the Simplest and Low-Melting Alkylammonium Polyiodide System. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5776-5780.	4.6	19
74	Novel alkoxy-titanium(IV) complexes with fluorinated 2-hydroxymethylphenol derivatives as catalysts for the formation of ultra-high molecular weight polyethylene nascent reactor powders. <i>Inorganica Chimica Acta</i> , 2019, 498, 119159.	2.4	14
75	Tuning the Molecular and Cationic Affinity in a Series of Multifunctional Metal-Organic Frameworks Based on Dodecanuclear Zn(II) Carboxylate Wheels. <i>Journal of the American Chemical Society</i> , 2019, 141, 17260-17269.	13.7	83
76	Features of oxa-bridge cleavage in hexahydro-3a,6-epoxyisoindol-1(4H)-ones: A concise method to access acetylisoindolones possessing anti-viral activity. <i>Tetrahedron Letters</i> , 2019, 60, 151204.	1.4	5
77	Crystal, Molecular, Electronic Structures and Spectroscopic Characteristics of N-Hydroxyamide of 3-[3,3-Dimethyl-1,2,3,4-Tetrahydroisoquinolin-1-Iden]-2-Oxopropanoic Acid. <i>Journal of Structural Chemistry</i> , 2019, 60, 1396-1406.	1.0	0
78	Arylglyoxal oximes as putative C-nucleophiles in eliminative nucleophilic substitution process. <i>Mendelev Communications</i> , 2019, 29, 296-298.	1.6	2
79	Bioluminescence chemistry of fireworm <i>Odontosyllis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18911-18916.	7.1	33
80	Development of a Microfluidic Chip for Protein Crystallization by the Microbatch Method. <i>Crystallography Reports</i> , 2019, 64, 282-286.	0.6	6
81	Multicomponent synthesis and molecular structure of 3-amino-2-aryl(alkoxycarbonyl,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Heterocyclic Compounds, 2019, 55, 442-447.	1.2	6
82	Multicomponent Synthesis of Thiazole, Selenazole, Pyrane, and Pyridine Derivatives, Initiated by the Knoevenagel Reaction. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 215-226.	0.8	8
83	Reaction of 1-(2-Oxocyclohexyl)ethane-1,1,2,2-tetracarbonitrile with $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes. <i>Russian Journal of General Chemistry</i> , 2019, 89, 385-390.	0.8	1
84	Efficient synthesis of new tricyclic pyrano[3,2-c]pyridine derivatives. <i>Mendelev Communications</i> , 2019, 29, 232-233.	1.6	10
85	The First Heterometallic Acetate-Bridged Pt(II)-Pd(II) Complex: Synthesis, Structure, and Formation of Bimetallic PtPd ₂ Nanoparticles. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 253-265.	1.0	10
86	High-energy 4(10)-2-fluoro-2,2-dinitroethyl and 4(10)-2,2-dinitropropyl derivatives of polynitrohexaazaisowurtzitanes. <i>Russian Chemical Bulletin</i> , 2019, 68, 110-115.	1.5	15
87	Investigation of the Pigments of the Ancient Portrait Terracotta Found in the Kerch Bay. <i>Crystallography Reports</i> , 2019, 64, 1003-1010.	0.6	4
88	Unexpected formation of dinaphthoaza-17-crown-5 ether containing $\hat{1}^3$ -aminopiperidine subunit. <i>Mendelev Communications</i> , 2019, 29, 698-699.	1.6	7
89	Synthesis and Structures of 1,3-Dicarbonyl Compounds Based on 9,10-Phenanthrenequinone. Crystal and Molecular Structure of the Lantern-Type Binuclear Copper(II) Complex Cu ₂ [1/42-OOCCH ₂ (C ₁₄ H ₈)(CO) ₂ OC ₂ H ₅] ₄ (NCCH ₃) ₂ . <i>Crystallography Reports</i> , 2019, 64, 887-893.	0.6	0
90	Towards the surface hydroxyl species in CeO ₂ nanoparticles. <i>Nanoscale</i> , 2019, 11, 18142-18149.	5.6	41

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91	Synthesis, characterization, DFT calculations, and biological activity of copper(II) complexes with 1,1,1-trifluoro-4-(2-methoxyphenyl)butan-2,4-dione. <i>Journal of Molecular Structure</i> , 2019, 1176, 515-528.	3.6	6
92	Nickel(II) complexes with tripodal NNN ligands as homogenous and supported catalysts for ethylene oligomerization. <i>Molecular Catalysis</i> , 2019, 464, 29-38.	2.0	18
93	Molecular design and structural peculiarities of the 3- and 4-pyridylboron-capped tris-glyoximate and tris-dichloroglyoximate iron(II) clathrochelates with apical donor groups. <i>Polyhedron</i> , 2019, 160, 108-114.	2.2	5
94	The Structure and Internal Dynamics of R6-p-C6H4-R6 Biradical: EPR, X-ray Crystallography and DFT Calculations. <i>Applied Magnetic Resonance</i> , 2019, 50, 425-439.	1.2	4
95	Crystal structure of dimethyl (3a <i>S</i> ,6 <i>R</i> ,6a <i>S</i> ,7 <i>S</i>)-2-pivaloyl-2,3-dihydro-1 <i>H</i> ,6 <i>H</i> ,7 <i>H</i> -3a,6,7,9a-diepoxybenzo[de]isoquinoline-3a,1,6a-dicarboxylate, C ₂₁ H ₂₅ NO ₈ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 205-207.	0.3	0
96	Mesomorphic and structural properties of liquid crystalline side-chain polymethacrylates: from smectic C* to columnar phases. <i>Liquid Crystals</i> , 2019, 46, 825-834.	2.2	15
97	A balance of redox and ligand-exchange processes in the reaction of H ₂ [OsCl ₆] with thiourea: Isolation and characterization of a novel osmium complex [(NH ₂) ₂ CSSC(NH ₂) ₂] ₂ [OsIVCl ₆]Cl ₂ ·3H ₂ O. <i>Inorganica Chimica Acta</i> , 2019, 484, 352-356.	2.4	3
98	Synthesis of Functionalized Bicyclic Compounds Based on 2-(1-Arylethylidene)malononitriles. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1967-1970.	0.8	2
99	About "green niello" in the decor of encolpion crosses of Rus from the finds in Suzdal Opolye. <i>Rossijskaja Arheologija</i> , 2019, , 50-61.	0.2	3
100	Positional Effects from π -Bonded Platinum(II) on Intersystem Crossing Rates in Perylenediimide Complexes: Synthesis, Structures, and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13848-13862.	3.1	18
101	Pd-PEPSSI complexes based on 1,2,4-triazol-3-ylidene ligands as efficient catalysts in the Suzuki-Miyaura reaction. <i>Russian Chemical Bulletin</i> , 2018, 67, 79-84.	1.5	20
102	Optical readout of controlled monomer-dimer self-assembly. <i>Dalton Transactions</i> , 2018, 47, 14169-14173.	3.3	10
103	First platinum(II)-alkaline-earth acetate-bridged complexes Pt(ii)(m-OAc) ₄ M(ii)(AcOH) ₄ (M = Ca, Sr, Ba). <i>Mendeleev Communications</i> , 2018, 28, 200-201.	1.6	7
104	Hybrid Macrocycles for Selective Binding and Sensing of Fluoride in Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2018, 83, 2145-2153.	3.2	26
105	Diels-Alder reactions between hexafluoro-2-butyne and bis-furyl dienes: kinetic versus thermodynamic control. <i>Chemical Communications</i> , 2018, 54, 2850-2853.	4.1	31
106	Hydrolysis of Mg(BH ₄) ₂ and its coordination compounds as a way to obtain hydrogen. <i>Journal of Power Sources</i> , 2018, 377, 93-102.	7.8	25
107	Evidence for Indirect Action of Ionizing Radiation in 18-Crown-6 Complexes with Halogenous Salts of Strontium: Simulation of Radiation-Induced Transformations in Ionic Liquid/Crown Ether Compositions. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1992-2000.	2.6	7
108	Crystal structure of 3-benzyl-2-[(E)-2-(furan-2-yl)ethenyl]-2,3-dihydroquinazolin-4(1H)-one and 3-benzyl-2-[(E)-2-(thiophen-2-yl)ethenyl]-2,3-dihydroquinazolin-4(1H)-one from synchrotron X-ray diffraction. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 10-14.	0.5	1

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109	Family of penta- and hexanuclear metallasilsesquioxanes: Synthesis, structure and catalytic properties in oxidations. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 133-141.	1.8	23
110	Synthesis of 2-Alkylsulfanyl-6-amino-4-aryl-5-cyanonicotinonitriles by Recyclization of 2,6-Diamino-4-aryl-3,5-dicyano-4H-thiopyrans with Alkyl Halides. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 1681-1688.	0.8	3
111	Synthesis of 2,3-Bis[amino(benzylsulfanyl)methylidene]butanedinitrile and 2-(Benzylsulfanyl)pyridine-3-carbonitrile derivatives. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 1785-1789.	0.8	2
112	Synthesis of (+)-camphor-based N-acylhydrazones and their antiviral activity. <i>MedChemComm</i> , 2018, 9, 2072-2082.	3.4	16
113	Synthesis and crystal structure of a new hybrid methylammonium iodocuprate. <i>Mendeleev Communications</i> , 2018, 28, 245-247.	1.6	10
114	Nickel-coordinated chiral enols and Michael addition intermediate stabilized by the Ni=C bond. <i>Mendeleev Communications</i> , 2018, 28, 464-466.	1.6	2
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