

Vladimir P Fedin

List of Publications by Year in descending order

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568
papers

13,910
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595
docs citations

595
times ranked

9520
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Iodinated vs non-iodinated: Comparison of sorption selectivity by [Zn2(bdc)2dabco]n and superstructural 2-iodoterephthalate-based metal-organic framework. <i>Polyhedron</i> , 2022, 212, 115587. | 1.0 | 11 |
| 2 | Synthesis, supramolecular isomerism, and photoluminescence of scandium(III) complexes with a tetrafluoroterephthalate ligand. <i>CrystEngComm</i> , 2022, 24, 2057-2071. | 1.3 | 0 |
| 3 | Ionic conductivity of tetra-n-butylammonium tetrafluoroborate in the MIL-101(Cr) metal-organic framework. <i>Microporous and Mesoporous Materials</i> , 2022, 332, 111710. | 2.2 | 5 |
| 4 | 2D and 3D Zn(II) coordination polymers based on 4-(2-(Thiophen-2-yl)-4,6-dimethyl-2'-terpyridine): Structures and features of sorption behavior. <i>Journal of Molecular Structure</i> , 2022, 1255, 132459. | 1.8 | 4 |
| 5 | A luminescent 2,1,3-benzoxadiazole-decorated zirconium-organic framework as an exceptionally sensitive turn-on sensor for ammonia and aliphatic amines in water. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5567-5575. | 2.7 | 12 |
| 6 | Metal-organic frameworks as the basis for new-generation functional materials. <i>Russian Chemical Reviews</i> , 2022, 91, . | 2.5 | 8 |
| 7 | Zn(II) and Co(II) 3D Coordination Polymers Based on 2-Iodoterephthalic Acid and 1,2-bis(4-pyridyl)ethane: Structures and Sorption Properties. <i>Molecules</i> , 2022, 27, 1305. | 1.7 | 5 |
| 8 | Zinc(II) and cobalt(II) complexes with unusual coordination of mixed imidazole-1,2,4-triazole ligand in a protonated cationic form. <i>Polyhedron</i> , 2022, 217, 115741. | 1.0 | 7 |
| 9 | Zn(II) coordination polymer with π -stacked 4,4'-bipyridine dimers: Synthesis, structure and luminescent properties. <i>Polyhedron</i> , 2022, 219, 115793. | 1.0 | 6 |
| 10 | CrMIL-53 as a matrix for proton-conducting nanocomposites based on CsH5(PO4)2. <i>Materials Letters</i> , 2022, 318, 132181. | 1.3 | 0 |
| 11 | Synthesis, structure and luminescent properties of Zn(II) metal-organic frameworks constructed by flexible and rigid ligands. <i>Polyhedron</i> , 2022, 222, 115880. | 1.0 | 7 |
| 12 | Halogen-rich halorhenates(IV): (Me4N)2{[ReX6](X2)} (X=Cl, Br). <i>Polyhedron</i> , 2022, 221, 115876. | 1.0 | 2 |
| 13 | Supramolecular chain-like polymers based on Ln(III) aqua complexes and cucurbit[6]uril. <i>Inorganica Chimica Acta</i> , 2022, 539, 121021. | 1.2 | 3 |
| 14 | Controllable Synthesis and Luminescence Behavior of Tetrahedral Au@Cu ₄ and Au@Ag ₄ Clusters Supported by tris(2-Pyridyl)phosphine. <i>Inorganic Chemistry</i> , 2022, 61, 10925-10933. | 1.9 | 11 |
| 15 | One-Dimensional Supramolecular Hybrid Iodobismuthate (1-EtPy) ₃ [Bi ₂ I ₉](I ₂) _{0.75} : Structural Features and Theoretical Studies of π - π Non-Covalent Interactions. <i>Journal of Cluster Science</i> , 2021, 32, 787-791. | 1.7 | 3 |
| 16 | Luminescent sensors based on coordination polymers with adjustable emissions for detecting biomarker of pollutant ethylbenzene and styrene. <i>Applied Organometallic Chemistry</i> , 2021, 35, . | 1.7 | 9 |
| 17 | Influence of Substituents in Terephthalate Linker on the Structure of MOFs Obtained from Presynthesized Heterometallic Complex. <i>Inorganics</i> , 2021, 9, 4. | 1.2 | 1 |
| 18 | Heterometallic MOFs constructed from thiophene and furandicarboxylate ligands for heavy metal luminescence sensing. <i>Dalton Transactions</i> , 2021, 50, 2807-2814. | 1.6 | 11 |

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|----|--|-----|-----------|
| 19 | Intense multi-colored luminescence in a series of rare-earth metal-organic frameworks with aliphatic linkers. <i>Dalton Transactions</i> , 2021, 50, 11899-11908. | 1.6 | 11 |
| 20 | Unexpected Polymorphism in Bromoantimonate(III) Complexes and Its Effect on Optical Properties. <i>Inorganic Chemistry</i> , 2021, 60, 2797-2804. | 1.9 | 20 |
| 21 | Isomeric Scandium-Organic Frameworks with High Hydrolytic Stability and Selective Adsorption of Acetylene. <i>Inorganic Chemistry</i> , 2021, 60, 2996-3005. | 1.9 | 21 |
| 22 | Rule, Not Exclusion: Formation of Dichlorine-Containing Supramolecular Complexes with Chlorometalates(IV). <i>Inorganic Chemistry</i> , 2021, 60, 4171-4177. | 1.9 | 16 |
| 23 | 3D Metal-Organic Frameworks Based on Co(II) and Bithiophendicarboxylate: Synthesis, Crystal Structures, Gas Adsorption, and Magnetic Properties. <i>Molecules</i> , 2021, 26, 1269. | 1.7 | 15 |
| 24 | Metal-Organic Frameworks for Highly Selective Separation of Xylene Isomers and Single-Crystal X-ray Study of Aromatic Guest-Host Inclusion Compounds. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14768-14777. | 4.0 | 27 |
| 25 | CRYSTAL STRUCTURE OF ZINC COORDINATION POLYMERS BASED ON 1,4-DIAZABICYCLO[2.2.2]OCTANE N,N'-DIOXIDE: EFFECT OF HYDROPHOBICITY OF CARBOXYLATE LIGANDS. <i>Journal of Structural Chemistry</i> , 2021, 62, 403-411. | 0.3 | 7 |
| 26 | Metal-organic frameworks from pre-synthesized heterometallic (d-f) complexes: Synthesis, structure and luminescent properties. <i>Inorganica Chimica Acta</i> , 2021, 517, 120216. | 1.2 | 9 |
| 27 | CRYSTAL STRUCTURE OF LITHIUM, POTASSIUM, AND CALCIUM COMPLEXES WITH β -CYCLODEXTRINE. <i>Journal of Structural Chemistry</i> , 2021, 62, 577-584. | 0.3 | 2 |
| 28 | Beyond Classical Coordination Chemistry: The First Case of a Triply Bridging Phosphine Ligand. <i>Angewandte Chemie</i> , 2021, 133, 12685-12692. | 1.6 | 3 |
| 29 | Beyond Classical Coordination Chemistry: The First Case of a Triply Bridging Phosphine Ligand. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12577-12584. | 7.2 | 28 |
| 30 | Synthesis, crystal structures, and luminescence properties of coordination polymers and a discrete complex of cadmium(ii) halides with 1-(1,2,4-triazol-1-yl)adamantane. <i>Russian Chemical Bulletin</i> , 2021, 70, 857-863. | 0.4 | 7 |
| 31 | Bi- and Tetranuclear Antimony(III) Bromide Complexes with Alkanediyl-bis(3-methylpyridinium) Cations. <i>Russian Journal of Inorganic Chemistry</i> , 2021, 66, 827-833. | 0.3 | 2 |
| 32 | CRYSTAL STRUCTURE OF DENSE METAL-ORGANIC FRAMEWORKS BASED ON Sc(III) AND TWO TYPES OF LIGANDS. <i>Journal of Structural Chemistry</i> , 2021, 62, 897-904. | 0.3 | 5 |
| 33 | NEW METAL-ORGANIC COORDINATION POLYMERS FROM PRE-SYNTHESIZED HETEROMETALLIC PIVALATE COMPLEXES: SYNTHESIS AND CRYSTAL STRUCTURE. <i>Journal of Structural Chemistry</i> , 2021, 62, 947-956. | 0.3 | 0 |
| 34 | Cinnamal Sensing and Luminescence Color Tuning in a Series of Rare-Earth Metal-Organic Frameworks with Trans-1,4-cyclohexanedicarboxylate. <i>Molecules</i> , 2021, 26, 5145. | 1.7 | 10 |
| 35 | Functional supramolecular systems: design and applications. <i>Russian Chemical Reviews</i> , 2021, 90, 895-1107. | 2.5 | 93 |
| 36 | Synthesis and Crystal Structure of Cadmium(II) Metal-Organic Coordination Polymers with Octafluorobiphenyl-4,4'-Dicarboxylate. <i>Russian Journal of Inorganic Chemistry</i> , 2021, 66, 1374-1379. | 0.3 | 7 |

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|----|--|-----|-----------|
| 37 | Cyclic carbonates synthesis from epoxides and CO ₂ over NiIC-10 metal-organic frameworks. Journal of CO ₂ Utilization, 2021, 53, 101718. | 3.3 | 17 |
| 38 | An Eu-based MOF as fluorescent probe for the sensitive detection of L-tryptophan. Journal of Solid State Chemistry, 2021, 304, 122555. | 1.4 | 16 |
| 39 | Controllable self-assembly from homonuclear Mn (II)-MOF to heteronuclear Mn (II)-K(I)-MOF by alkali-regulation: A novel mode of structural and luminescent regulation for off-on sensing ascorbic acid. Applied Organometallic Chemistry, 2021, 35, e6160. | 1.7 | 0 |
| 40 | Hydrocarbon adsorption in a series of mesoporous metal-organic frameworks. Microporous and Mesoporous Materials, 2021, 328, 111477. | 2.2 | 10 |
| 41 | Logic operation for differentiation and speciation of Fe ³⁺ and Fe ²⁺ based on two-dimensional metal-organic frameworks with tunable emissions. Applied Organometallic Chemistry, 2021, 35, . | 1.7 | 5 |
| 42 | Flexible Metal-Organic Framework for Mechanical Sub-Tbyte inch ² Data Recording under Ambient Condition. Advanced Materials Interfaces, 2021, 8, 2101196. | 1.9 | 5 |
| 43 | Three novel metal-organic frameworks with different coordination modes for trace detection of anthrax biomarkers. Dalton Transactions, 2021, 51, 250-256. | 1.6 | 21 |
| 44 | METAL-ORGANIC COORDINATION POLYMERS OF LANTHANIDES(III) WITH THIENOTHIOPHENDICARBOXYLATE LIGANDS. Journal of Structural Chemistry, 2021, 62, 1599-1606. | 0.3 | 6 |
| 45 | Coordination Polymers of Ni(II) with Thiophene Ligands: Synthesis, Structures, and Magnetic Properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2021, 47, 664-669. | 0.3 | 5 |
| 46 | Crystal Structures, Thermal and Luminescent Properties of Gadolinium(III) Trans-1,4-cyclohexanedicarboxylate Metal-Organic Frameworks. Crystals, 2021, 11, 1375. | 1.0 | 9 |
| 47 | CRYSTAL STRUCTURE OF La(III), Pr(III), AND Eu(III) COMPLEXES WITH A MACROCYCLIC CAVITAND CUCURBIT[6]URIL. Journal of Structural Chemistry, 2021, 62, 1819-1825. | 0.3 | 5 |
| 48 | Bromide complexes of bismuth with 4-bromobenzyl-substituted cations of pyridinium family. Journal of Molecular Structure, 2020, 1199, 126955. | 1.8 | 1 |
| 49 | Five new Sb(V) bromide complexes and their polybromide derivatives with pyridinium-type cations: Structures, thermal stability and features of halogen-halogen contacts in solid state. Inorganica Chimica Acta, 2020, 502, 119278. | 1.2 | 5 |
| 50 | Ultrafast Melting of Metal-Organic Frameworks for Advanced Nanophotonics. Advanced Functional Materials, 2020, 30, 1908292. | 7.8 | 31 |
| 51 | Heteroleptic copper(II) complexes with 2-bromo-5-methylpyridine: Structures, features of non-covalent interactions and magnetic behavior. Inorganica Chimica Acta, 2020, 502, 119333. | 1.2 | 8 |
| 52 | Exceptionally Stable H ₃ PO ₄ @MIL-100 System: A Correlation between Proton Conduction and Water Adsorption Properties. Journal of Physical Chemistry C, 2020, 124, 23143-23149. | 1.5 | 10 |
| 53 | Lanthanide contraction effect and white-emitting luminescence in a series of metal-organic frameworks based on 2,5-pyrazinedicarboxylic acid. RSC Advances, 2020, 10, 38252-38259. | 1.7 | 6 |
| 54 | Tellurium complex polyhalides: narrow bandgap photoactive materials for electronic applications. Journal of Materials Chemistry A, 2020, 8, 21988-21992. | 5.2 | 8 |

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|----|--|-----|-----------|
| 55 | Structural Dynamics and Adsorption Properties of the Breathing Microporous Aliphatic Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2020, 59, 15724-15732. | 1.9 | 18 |
| 56 | Metal-organic frameworks based on 1,5-bis(3,5-dimethylpyrazol-1-yl)-3-selenapentane: synthesis, structure, and properties. <i>Russian Chemical Bulletin</i> , 2020, 69, 1122-1129. | 0.4 | 7 |
| 57 | Main Approaches to the Synthesis of Heterometallic Metal-Organic Frameworks. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 443-457. | 0.3 | 25 |
| 58 | One-Dimensional Diiodine-Iodobismuthate(III) Hybrids $\text{Cat}_3\{\text{Bi}_2\text{I}_9\}(\text{I})_2\text{I}_3$: Syntheses, Stability, and Optical Properties. <i>Inorganic Chemistry</i> , 2020, 59, 17320-17325. | 1.9 | 53 |
| 59 | Family of Robust and Strongly Luminescent CuI-Based Hybrid Networks Made of Ionic and Dative Bonds. <i>Chemistry of Materials</i> , 2020, 32, 10708-10718. | 3.2 | 49 |
| 60 | Synthesis and crystal structure of new coordination polymers based on sodium aqua complexes and macrocyclic cavitand cucurbit[6]uril. <i>Russian Chemical Bulletin</i> , 2020, 69, 2113-2120. | 0.4 | 3 |
| 61 | Heteroligand Cu(II) Complexes with 2-Halogenopyridines: Crystal Structure and Features of Halogen-Halogen Contacts in the Solid State. <i>Journal of Structural Chemistry</i> , 2020, 61, 712-718. | 0.3 | 8 |
| 62 | A comparative study of perfluorinated and non-fluorinated UiO-67 in gas adsorption. <i>Journal of Porous Materials</i> , 2020, 27, 1773-1782. | 1.3 | 9 |
| 63 | Crystal Structure of Metal-Organic Coordination Polymers Based on Potassium and Barium Cations with β -Cyclodextrin. <i>Journal of Structural Chemistry</i> , 2020, 61, 431-438. | 0.3 | 5 |
| 64 | A Series of Mesoporous Metal-Organic Frameworks with Tunable Windows Sizes and Exceptionally High Ethane over Ethylene Adsorption Selectivity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20561-20567. | 7.2 | 90 |
| 65 | Hybrid chlorobismuthate(III) α -trapping-Br ₂ unit: Crystal structure and theoretical investigation of non-covalent Cl \cdots Br interactions in (1-MePy) ₃ [Bi ₂ Cl ₉](Br ₂). <i>Inorganica Chimica Acta</i> , 2020, 513, 119932. | 1.2 | 5 |
| 66 | A Series of Mesoporous Metal-Organic Frameworks with Tunable Windows Sizes and Exceptionally High Ethane over Ethylene Adsorption Selectivity. <i>Angewandte Chemie</i> , 2020, 132, 20742-20748. | 1.6 | 21 |
| 67 | The stabilization of decabromide $\{\text{Br}_{10}\}^{2-}$ anion in the structure of Sb(V) bromide complex. <i>Journal of Coordination Chemistry</i> , 2020, 73, 3038-3043. | 0.8 | 3 |
| 68 | CRYSTAL STRUCTURE OF METAL-ORGANIC FRAMEWORKS BASED ON TERBIUM AND 1,4-NAPHTHALENEDICARBOXYLIC ACID. <i>Journal of Structural Chemistry</i> , 2020, 61, 1090-1096. | 0.3 | 5 |
| 69 | Enhanced lithium ionic conductivity of lithium perchlorate in the metal-organic framework matrix. <i>Ionics</i> , 2020, 26, 6167-6173. | 1.2 | 8 |
| 70 | Synthesis and structure of manganese(II) coordination polymers with 1,4-diazabicyclo[2.2.2]octane N,N'-dioxide: solvent and template effects. <i>Russian Chemical Bulletin</i> , 2020, 69, 1511-1519. | 0.4 | 7 |
| 71 | Topological polymorphism and temperature-driven topotactic transitions of metal-organic coordination polymers. <i>CrystEngComm</i> , 2020, 22, 6295-6301. | 1.3 | 14 |
| 72 | Supramolecular Bromoantimonate(V) Polybromide (2,6-BrPyH) ₃ [SbBr ₆](Br) ₂ ·2H ₂ O: Specific Features of Halogen-Halogen Contacts in the Crystal Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 302-307. | 0.3 | 6 |

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|----|--|-----|-----------|
| 73 | Exceptionally effective benzene/cyclohexane separation using a nitro-decorated metal-organic framework. <i>Chemical Communications</i> , 2020, 56, 8241-8244. | 2.2 | 48 |
| 74 | Opening the Third Century of Polyhalide Chemistry: Thermally Stable Complex with Trapped Dichlorine. <i>Chemistry - A European Journal</i> , 2020, 26, 13776-13778. | 1.7 | 18 |
| 75 | Octafluorobiphenyl-4,4'-dicarboxylate as a ligand for metal-organic frameworks: progress and perspectives. <i>Pure and Applied Chemistry</i> , 2020, 92, 1081-1092. | 0.9 | 2 |
| 76 | Three coordination polymers with regulated coordination interactions as fluorescent sensors for monitoring purine metabolite uric acid. <i>Dalton Transactions</i> , 2020, 49, 4343-4351. | 1.6 | 14 |
| 77 | Crystal Structure of the Heteroligand Complex [(2-Br-5-MePy) ₂ CoCl ₂] · (2-Br-5-MePy): Formation of Supramolecular Associates due to the Halogen Bond. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 37-41. | 0.3 | 7 |
| 78 | Two-Dimensional Coordination Polymer {[Bi(Đyz)I ₃]}: Structure and Analysis of the Packing Using the Hirshfeld Surface Method. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 23-27. | 0.3 | 8 |
| 79 | Heteroleptic Binuclear Iodoacetate Copper(II) Complexes with 3-Bromopyridine and 4-Ethylpyridine: Crystal Structures and Peculiarities of Contacts Halogen···Halogen. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 119-124. | 0.3 | 6 |
| 80 | 0D to 3D Coordination Assemblies Engineered on Silver(I) Salts and (Alkylsulfanyl)azine Ligands: Crystal Structures, Dual Luminescence, and Cytotoxic Activity. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1635-1644. | 1.0 | 22 |
| 81 | Memory devices based on novel alkyl viologen halobismuthate complexes. <i>Chemical Communications</i> , 2020, 56, 9162-9165. | 2.2 | 13 |
| 82 | Water-Stable Lanthanide Coordination Polymers with Triple Luminescent Centers for Tunable Emission and Efficient Self-Calibration Sensing Wastewater Pollutants. <i>Advanced Optical Materials</i> , 2020, 8, 1901659. | 3.6 | 27 |
| 83 | Halogen···halogen contacts in triiodide salts of pyridinium-derived cations: Theoretical and spectroscopic studies. <i>Journal of Molecular Structure</i> , 2020, 1209, 127949. | 1.8 | 5 |
| 84 | One- and Two-Dimensional Iodine-Rich Iodobismuthate(III) Complexes: Structure, Optical Properties, and Features of Halogen Bonding in the Solid State. <i>Inorganic Chemistry</i> , 2020, 59, 3290-3296. | 1.9 | 62 |
| 85 | A Water-Stable Lanthanide Coordination Polymer as Multicenter Platform for Ratiometric Luminescent Sensing Antibiotics. <i>Chemistry - A European Journal</i> , 2020, 26, 3137-3144. | 1.7 | 72 |
| 86 | Chlorotellurate(IV) supramolecular associates with trapped Br ₂ : features of non-covalent halogen···halogen interactions in crystalline phases. <i>CrystEngComm</i> , 2020, 22, 1985-1990. | 1.3 | 16 |
| 87 | Transition Metal Coordination Polymers with Trans-1,4-Cyclohexanedicarboxylate: Acidity-Controlled Synthesis, Structures and Properties. <i>Materials</i> , 2020, 13, 486. | 1.3 | 8 |
| 88 | New one-, two-, and three-dimensional metal-organic frameworks based on magnesium(II): synthesis and structure. <i>Russian Chemical Bulletin</i> , 2020, 69, 360-368. | 0.4 | 13 |
| 89 | Urotropine as a ligand for the efficient synthesis of metal-organic frameworks. <i>Russian Chemical Bulletin</i> , 2020, 69, 461-469. | 0.4 | 7 |
| 90 | CRYSTAL STRUCTURE OF METAL-ORGANIC FRAMEWORKS OBTAINED FROM A HETEROMETALLIC PIVALATE COMPLEX [Li ₂ Zn ₂ (py) ₂ (piv) ₆]. <i>Journal of Structural Chemistry</i> , 2020, 61, 1957-1964. | 0.3 | 3 |

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|-----|--|-----|-----------|
| 91 | STRUCTURE AND LUMINESCENT PROPERTIES OF EUROPIUM(III) COORDINATION POLYMERS WITH THIOPHENE LIGANDS. <i>Journal of Structural Chemistry</i> , 2020, 61, 1965-1974. | 0.3 | 10 |
| 92 | A Selenophene-Incorporated Metal-Organic Framework for Enhanced CO ₂ Uptake and Adsorption Selectivity. <i>Molecules</i> , 2020, 25, 4396. | 1.7 | 14 |
| 93 | CRYSTAL STRUCTURES OF POLYNUCLEAR ANTIMONY BROMIDE COMPLEXES (Et(n-Pr) ₃ N) ₃ [Sb ₃ Br ₁₂] AND (2,2'-bipyH) ₄ [Sb ₄ Br ₂₀]. <i>Journal of Structural Chemistry</i> , 2020, 61, 1794-1799. | 0.3 | 2 |
| 94 | STRUCTURE AND LUMINESCENT PROPERTIES OF COORDINATION POLYMERS CONTAINING LEAD(II) AND THIOPHENE LIGANDS. <i>Journal of Structural Chemistry</i> , 2020, 61, 1800-1809. | 0.3 | 4 |
| 95 | A Homochiral Coordination Polymer Based on Copper(II), S-Malic Acid, and Biphenyl-3,3'-di-,5,5'-Tetracarboxylic Acid. <i>Journal of Structural Chemistry</i> , 2019, 60, 279-283. | 0.3 | 8 |
| 96 | Crystal Structure of Coordination Polymers Based on Scandium and 2,5-Pyrazinedicarboxylic Acid. <i>Journal of Structural Chemistry</i> , 2019, 60, 823-829. | 0.3 | 2 |
| 97 | Halogen bonding in heteroleptic Cu(II) 2-iodobenzoates. <i>Polyhedron</i> , 2019, 171, 312-316. | 1.0 | 10 |
| 98 | Synthesis and Crystal Structure of Coordination Polymer [Sc ₂ (HOCH ₂ CH ₂ OH) ₄ (tFBDC) ₃] · 2HOCH ₂ CH ₂ OH. <i>Journal of Structural Chemistry</i> , 2019, 60, 289-293. | 0.3 | 5 |
| 99 | A Recyclable bifunctional Luminescent Zinc (II) metal-organic framework as highly selective and sensitive sensing probe for nitroaromatic explosives and Fe ³⁺ ions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5109. | 1.7 | 12 |
| 100 | Metal-Organic Frameworks in Asymmetric Catalysis: Recent Advances. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 800-817. | 0.3 | 16 |
| 101 | Preface to Special Issue – International Year of the Periodic Table: From Mendeleev to Cluster Chemistry. <i>Journal of Cluster Science</i> , 2019, 30, 1169-1169. | 1.7 | 0 |
| 102 | Crystal Structures of Bromobismuthate Complexes ((3-MePy) ₂ C ₂) ₄ [Bi ₂ Br ₁₁][BiBr ₆] and (3-MePy) ₂ C ₂ [Bi ₂ Br ₁₁](Br ₃). <i>Journal of Structural Chemistry</i> , 2019, 60, 1655-1659. | 0.3 | 4 |
| 103 | Proton conducting hybrid compounds based on CsH ₅ (PO ₄) ₂ metal-organic coordination frameworks. <i>Solid State Ionics</i> , 2019, 343, 115084. | 1.3 | 10 |
| 104 | Antimony(V) Bromide and Polybromide Complexes with N-alkylated Quinolinium or Isoquinolinium Cations: Substituent-dependent Assembly of Polymeric Frameworks. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 1141-1145. | 0.6 | 12 |
| 105 | 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. | 6.6 | 83 |
| 106 | Thermochromism of bromotellurates (^{iv}): experimental insights. <i>New Journal of Chemistry</i> , 2019, 43, 3927-3930. | 1.4 | 16 |
| 107 | Polymeric iodobismuthates {[Bi ₃ I ₁₀]} and {[Bi ₄]} with N-heterocyclic cations: promising perovskite-like photoactive materials for electronic devices. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5957-5966. | 5.2 | 53 |
| 108 | Halogen bonding-assisted assembly of bromoantimonate (^v) and polybromide-bromoantimonate-based frameworks. <i>CrystEngComm</i> , 2019, 21, 850-856. | 1.3 | 48 |

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|-----|---|-----|-----------|
| 109 | Inclusion Compound of Phthalic Anhydride in Porous Homochiral Zinc Terephthalate Lactate: The Effect of Guests on the Geometrical Characteristics of the Metal-Organic Framework. <i>Journal of Structural Chemistry</i> , 2019, 60, 284-288. | 0.3 | 6 |
| 110 | Gadolinium Break in a Series of Three-Dimensional trans-1,4-Cyclohexane Dicarboxylates of Rare Earth Elements. <i>Journal of Structural Chemistry</i> , 2019, 60, 815-822. | 0.3 | 11 |
| 111 | Fluorescent Properties of Inclusion Complexes of a Styryl Dye with Metal-Organic Coordination Polymer of Zinc Lactate Terephthalate. <i>High Energy Chemistry</i> , 2019, 53, 170-172. | 0.2 | 0 |
| 112 | Zinc and Cobalt Aqua Complexes with Cucurbit[6]uril: Syntheses and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 433-438. | 0.3 | 1 |
| 113 | Metal-Organic Coordination Polymers Formed from β -Cyclodextrin and Divalent Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4321-4327. | 1.0 | 14 |
| 114 | Halogen bonding-assisted formation of one-dimensional polybromide-bromotellurate (2-ClPyH) ₂ {[TeBr ₆](Br ₂)}. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1890-1898. | 0.8 | 6 |
| 115 | Metal-organic frameworks based on magnesium(ii): adsorption and luminescence properties. <i>Russian Chemical Bulletin</i> , 2019, 68, 793-801. | 0.4 | 9 |
| 116 | Understanding Hysteresis in Carbon Dioxide Sorption in Porous Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2019, 58, 6811-6820. | 1.9 | 19 |
| 117 | Silver(I) and gold(I) complexes with tris[2-(2-pyridyl)ethyl]phosphine. <i>Inorganica Chimica Acta</i> , 2019, 494, 78-83. | 1.2 | 21 |
| 118 | Heteroleptic Cu(II) iodoacetate complex: Appearance of halogen bonding in solid state. <i>Inorganic Chemistry Communication</i> , 2019, 105, 221-224. | 1.8 | 11 |
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