

# Yan V Zubavichus

## List of Publications by Year in Descending Order

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

336  
papers

3,954  
citations

31  
h-index

45  
g-index

358  
ext. papers

4,518  
ext. citations

2.5  
avg, IF

5.33  
L-index

#	Paper	IF	Citations
336	Synthesis, structural characterization, and biological activities of mononuclear Fe(II), Mn(II), and Ni(II) complexes derived from N-[2-(2-diethylaminoethyliminomethyl)phenyl]-4-methylbenzenesulfonamide. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1247, 131370	3.4	0
335	Exploring Cage-like Silsesquioxane Building Blocks for the Design of Heterometallic Cu <sub>4</sub> /M <sub>4</sub> Architectures. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 2146-2157	3.5	2
334	Thiacalixarenes with Sulfur Functionalities at Lower Rim: Heavy Metal Ion Binding in Solution and 2D-Confined Space.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	2
333	The Crystal Structure Elucidation of a Tetrapeptide Analog of Somatostatin DOTA-Phe-D-Trp-Lys-Thr-OMe. <i>Crystals</i> , <b>2022</b> , 12, 12	2.3	
332	Peculiar Spin-Crossover Behavior in the 2D Polymer K[Fe(5Cl-thsa)]. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 17462-17479	5.1	1
331	SRPES and STM data for the model bimetallic Pd-In/HOPG catalysts: Effects of mild post-synthesis oxidative treatments. <i>Data in Brief</i> , <b>2021</b> , 39, 107626	1.2	
330	Study of the albumin structure in human plasma using small-angle scattering of synchrotron radiation. <i>Zavodskaya Laboratoriya Diagnostika Materialov</i> , <b>2021</b> , 87, 24-28	0.3	
329	Nanostructured PtZn intermetallic compound: Controlled formation from PtZn(CH <sub>3</sub> COO) <sub>4</sub> molecular precursor and tests of catalytic properties. <i>Intermetallics</i> , <b>2021</b> , 132, 107160	3.5	2
328	Cu- and Cu-Cage Sil- and Gersmesquioxanes: Synthetic and Structural Features, Oxidative Rearrangements, and Catalytic Activity. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 8062-8074	5.1	4
327	Monoprotonated Dimethyl Sulfoxide, [HOSMe <sub>2</sub> ] <sup>+</sup> : Synthesis, Crystal Structure, Spectroscopic and Theoretical Studies of [HOSMe <sub>2</sub> ] <sub>2</sub> [OsCl <sub>6</sub> ] · 2H <sub>2</sub> O. <i>ChemistrySelect</i> , <b>2021</b> , 6, 5211-5217	1.8	0
326	Visualization of catalyst dynamics and development of a practical procedure to study complex "cocktail"-type catalytic systems. <i>Faraday Discussions</i> , <b>2021</b> , 229, 458-474	3.6	9
325	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> , <b>2021</b> , 43, 2301-2315	4.7	7
324	Synthesis, structure, and photoluminescent and electroluminescent properties of zinc(II) complexes with bidentate azomethine ligands. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6107	3.1	2
323	Unprecedented interplay of antiferro- and ferromagnetic exchange interactions through intermolecular hydrogen bonds in mononuclear Cu(II) complexes. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 12236-12246	3.6	1
322	FA2PbBr <sub>4</sub> : Synthesis, Structure, and Unusual Optical Properties of Two Polymorphs of Formamidinium-Based Layered (110) Hybrid Perovskite. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 1900-1907	9.6	16
321	A new precursor for synthesis of nickel-tungsten sulfide aromatic hydrogenation catalyst. <i>Molecular Catalysis</i> , <b>2021</b> , 502, 111357	3.3	0
320	XAS study of americium complexes with calixarene bearing carbamoylmethylphosphine oxide moieties. <i>Mendeleev Communications</i> , <b>2021</b> , 31, 188-190	1.9	1

319	Structure and Properties of a Biradical Containing Acetylene and Phenylene Groups in the Bridge. <i>Russian Journal of Physical Chemistry B</i> , <b>2021</b> , 15, 212-218	1.2	0
318	Cellulose-Based Hydrogels and Aerogels Embedded with Silver Nanoparticles: Preparation and Characterization. <i>Gels</i> , <b>2021</b> , 7,	4.2	5
317	An Investigation into the Bulk and Surface Phase Transformations of Bimetallic Pd-In/Al <sub>2</sub> O <sub>3</sub> Catalyst during Reductive and Oxidative Treatments In Situ. <i>Catalysts</i> , <b>2021</b> , 11, 859	4	2
316	Synthesis, X-ray structure and biological activity of mono- and dinuclear copper complexes derived from N-{2-[(2-diethylamino(alkyl)imino)-methyl]-phenyl}-4-methyl-benzenesulfonamide. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 523, 120408	2.7	3
315	Preparation and superconducting behavior of triammonium fulleride. <i>Carbon</i> , <b>2021</b> , 182, 51-56	10.4	0
314	Synthesis, structure, and photoluminescence of Zn(II) and Cd(II) complexes with N-[2-(diethylaminoalkyliminomethyl)-phenyl]-4-methylbenzenesulfonamides. <i>Polyhedron</i> , <b>2021</b> , 208, 115400	2.7	1
313	Properties of Iron-Modified-by-Silver Supported on Mordenite as Catalysts for NO <sub>x</sub> Reduction. <i>Catalysts</i> , <b>2020</b> , 10, 1156	4	4
312	Study of the Interaction between Components at Different Stages of Preparing Ru/Rb/Sibunit Catalysts for the Decomposition of Ammonia. <i>Russian Journal of Physical Chemistry A</i> , <b>2020</b> , 94, 2201-2208	0.7	
311	Synthesis, characterization, and biological activity of Co(II), Ni(II), and Cu(II) complexes derived from N,N'-bis(2-N-tozylaminobenzylidene)diaminodipropyliminate ligand. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 510, 119766	2.7	5
310	Two routes to platinum-based carboxylate-bridged heterometallics. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 508, 119631	2.7	4
309	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. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 4536-4545	5.1	10
308	Application of the Intramolecular Diels-Alder Vinylarene (MDAV) Approach for the Synthesis of Thieno[2,3-f]isoindoles. <i>Synthesis</i> , <b>2020</b> , 52, 2196-2223	2.9	4
307	Radiation Induced Generation of Core-Shell Nanoparticles in Polyelectrolyte Films of Poly(acrylic acid)/Poly(ethylenimine) Complex with Copper and Silver Ions. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 14409-14418	3.8	3
306	The Use of Synchrotron Radiation for Studying Superconducting Nb <sub>3</sub> Sn Samples Irradiated by Fast Particle Beams. <i>Crystallography Reports</i> , <b>2020</b> , 65, 352-356	0.6	
305	Solvent-Induced Encapsulation of Cobalt(II) Ion by a Boron-Capped tris-Pyrazoloximate. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 5845-5853	5.1	7
304	Order-Disorder Structural Transformations in Highly Imperfect Fluorite-Derived R <sub>2</sub> TiO <sub>5</sub> -Based (R = Tm, Er) Solid Solutions. <i>Inorganic Materials</i> , <b>2020</b> , 56, 190-197	0.9	1
303	Osmium(IV) Halide Complexes with Dimethyl Sulfoxide [H(dmso) <sub>2</sub> ][OsX <sub>5</sub> (dmso-D)], X=Cl, Br: Synthesis, Structure, and Properties. <i>ChemistrySelect</i> , <b>2020</b> , 5, 330-334	1.8	0
302	Anion mediated switching from mono- to polymer structure in copper(II) complexes with 4,6-dimethylpyrimidinylhydrazone 1-phenyl-3-methyl-4-formylpyrazol-5-one. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 502, 119284	2.7	0

301	Structural peculiarities and luminescence of europium dipivaloylmethanates with 2,2'-bipyridine derivatives. Polymorphism of [Eu(DPM)3Bpy]. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 502, 119294	2.7	5
300	Synthesis, crystal structure and magnetic properties of copper(II) complexes with 4-methyl-N-[2-[(E)-2-pyridyl[alkyl]iminomethyl]phenyl]benzenesulfamide ligands. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1203, 127450	3.4	1
299	Formation of Isolated Single-Atom Pd1 Sites on the Surface of PdAg/Al2O3 Bimetallic Catalysts. <i>Kinetics and Catalysis</i> , <b>2020</b> , 61, 758-767	1.5	7
298	Formamidinium Haloplumbate Intermediates: The Missing Link in a Chain of Hybrid Perovskites Crystallization. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 7739-7745	9.6	13
297	Stereodirected synthesis of alkaloid-like quinolizidine systems. <i>Natural Product Research</i> , <b>2020</b> , 34, 269-277	2.7	1
296	CuFeAl-composite catalysts of oxidation of gasification products of solid fuels: In situ XAS and XRD study. <i>Radiation Physics and Chemistry</i> , <b>2020</b> , 175, 108071	2.5	3
295	Study of Kinetics of Solid Phase Transition in Tetracosane <del>2450</del> by High-Resolution Synchrotron X-Ray Powder Diffraction. <i>Physics of the Solid State</i> , <b>2019</b> , 61, 1128-1135	0.8	
294	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> , <b>2019</b> , 58, 847-859	1.4	4
293	Methylammonium Polyiodides: Remarkable Phase Diversity of the Simplest and Low-Melting Alkylammonium Polyiodide System. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 5776-5780	6.4	11
292	Electroconductive PEDOT:PSS-based hydrogel prepared by freezing-thawing method. <i>Heliyon</i> , <b>2019</b> , 5, e02498	3.6	20
291	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> , <b>2019</b> , 60, 1396-1406	0.9	
290	Possibilities of chemical fractionation and X-ray spectral analysis in estimating the speciation of Cu2+ with soil solid-phase components. <i>Applied Geochemistry</i> , <b>2019</b> , 102, 55-63	3.5	8
289	Hexacoppergermsesquioxanes as complexes with N-ligands: Synthesis, structure and catalytic properties. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 884, 17-28	2.3	16
288	Isomorphous substitutions in sillenite-family single-crystal Bi24(M2-Mn4+)O40 solid solutions (M = Al3+, Fe3+, Ge4+, Ti4+, Cr4+, V5+). <i>Journal of Crystal Growth</i> , <b>2019</b> , 507, 413-420	1.6	8
287	Metal-organic frameworks based on polynuclear lanthanide complexes and octahedral rhenium clusters. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 1518-1526	6.8	19
286	Silicon and Germanium-Based Sesquioxanes as Versatile Building Blocks for Cage Metallacomplexes. A Review. <i>Journal of Cluster Science</i> , <b>2019</b> , 30, 1283-1316	3	17
285	The First Heterometallic Acetate-Bridged Pt(II)Pd(II) Complex: Synthesis, Structure, and Formation of Bimetallic PtPd2 Nanoparticles. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 253-265	1.6	5
284	Ion-dependent photochromism of oxadiazole containing spiropyrans. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2019</b> , 378, 201-210	4.7	2

283	Molecular characterization of Zn in Technosols using X-ray absorption spectroscopy. <i>Applied Geochemistry</i> , <b>2019</b> , 104, 168-175	3.5	8
282	Quantitative speciation of Zn in technosols using chemical fractionation and X-ray absorption spectroscopy. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2019</b> , 19, 101-109	1.8	2
281	Effect of Thermal Annealing on Structure and Optical Properties of Poly(p-xylylene)PbS Thin Films. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 10517-10528	3.8	7
280	Palanquin-Like Cu <sub>4</sub> Na <sub>4</sub> Silsesquioxane Synthesis (via Oxidation of 1,1-bis(Diphenylphosphino)methane), Structure and Catalytic Activity in Alkane or Alcohol Oxidation with Peroxides. <i>Catalysts</i> , <b>2019</b> , 9, 154	4	16
279	Competing intramolecular vs. intermolecular hydrogen bonding in phosphoryl-containing secondary alkanols: A structural, spectroscopic and DFT study. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1175, 874-881	3.4	11
278	Self-Assembled Ionic Composites of Negatively Charged Zn(salen) Complexes and Triphenylmethane Derived Polycations as Recyclable Catalysts for the Addition of Carbon Dioxide to Epoxides. <i>ChemCatChem</i> , <b>2019</b> , 11, 511-519	5.2	18
277	Crystal Structure of Na <sub>2</sub> [OsCl <sub>6</sub> ]. <i>Journal of Structural Chemistry</i> , <b>2019</b> , 60, 1086-1090	0.9	1
276	Uranyl Coordination Compounds with Alkaline Earth Metals and Crotonate Ligands. <i>ChemistrySelect</i> , <b>2019</b> , 4, 8416-8423	1.8	
275	Effective Synthesis of 3,4-Diaryl-isoxazole-5-carboxamides and their Antiproliferative Properties. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 4260-4270	3.2	6
274	Racemic estrone methyl ether is the lamellar conglomerate. <i>Mendeleev Communications</i> , <b>2019</b> , 29, 256-259	3.9	2
273	Coordination Polymers of $\mu$ -Dipyridyl and Mononuclear Benzoates M(OOCPh) <sub>2</sub> [O(H)Me] <sub>4</sub> (M = Ni, Co). <i>Russian Journal of Inorganic Chemistry</i> , <b>2019</b> , 64, 1220-1228	1.5	5
272	CO-induced segregation as an efficient tool to control the surface composition and catalytic performance of PdAg <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> catalyst. <i>Mendeleev Communications</i> , <b>2019</b> , 29, 547-549	1.9	11
271	Comparative analysis of long- and short-range structures features in titanates Ln <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> and zirconates Ln <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> (Ln = Gd, Tb, Dy) upon the crystallization process. <i>Journal of Physics and Chemistry of Solids</i> , <b>2019</b> , 130, 144-153	3.9	15
270	Eu-Doped layered yttrium hydroxides sensitized by a series of benzenedicarboxylate and sulphobenzoate anions. <i>Dalton Transactions</i> , <b>2019</b> , 48, 6111-6122	4.3	10
269	PdIn/Al <sub>2</sub> O <sub>3</sub> Intermetallic Catalyst: Structure and Catalytic Characteristics in Selective Hydrogenation of Acetylene. <i>Kinetics and Catalysis</i> , <b>2019</b> , 60, 842-850	1.5	7
268	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> , <b>2019</b> , 1176, 515-528	3.4	0
267	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> , <b>2019</b> , 160, 108-114	2.7	4
266	Electrochemical synthesis, structural, spectral studies and DFT calculations of heteroleptic metal-chelates bearing N, N, S tridentate tosylamino functionalized pyrazole containing Schiff base and 1,10-phenanthroline. <i>Polyhedron</i> , <b>2019</b> , 157, 6-17	2.7	17

265	High-Nuclearity (Cu <sub>8</sub> -Based) Cage Silsesquioxanes: Synthesis and Structural Study. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 2452-2457	3.5	13
264	Synthesis, properties and structure of copper(II) complexes of quinolyl azo derivatives of pyrazole-5-one(thione). <i>Polyhedron</i> , <b>2018</b> , 146, 1-11	2.7	5
263	Heptanuclear Cage Cull-Silsesquioxanes: Synthesis, Structure and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 2505-2511	2.3	20
262	Core/shell hybrid dendrimers: Controllable rigidity determines molecular behaviour. <i>Polymer</i> , <b>2018</b> , 138, 83-91	3.9	6
261	Fast and Slow Release of Catalytically Active Species in Metal/NHC Systems Induced by Aliphatic Amines. <i>Organometallics</i> , <b>2018</b> , 37, 1483-1492	3.8	35
260	Determining the speciation of Zn in soils around the sediment ponds of chemical plants by XRD and XAFS spectroscopy and sequential extraction. <i>Science of the Total Environment</i> , <b>2018</b> , 634, 1165-1173	10.2	19
259	Pd-PEPPSI complexes based on 1,2,4-triazol-3-ylidene ligands as efficient catalysts in the Suzuki-Miyaura reaction. <i>Russian Chemical Bulletin</i> , <b>2018</b> , 67, 79-84	1.7	16
258	Optical readout of controlled monomer-dimer self-assembly. <i>Dalton Transactions</i> , <b>2018</b> , 47, 14169-14173	4.3	6
257	First platinum(II) alkaline-earth acetate-bridged complexes Pt(II)(m-OAc) <sub>4</sub> (M)(ii)(AcOH) <sub>4</sub> (M = Ca, Sr, Ba). <i>Mendeleev Communications</i> , <b>2018</b> , 28, 200-201	1.9	6
256	Extension and functionalization of an encapsulating macrobicyclic ligand using palladium-catalyzed Suzuki-Miyaura and Sonogashira reactions of iron(II) dihalogenocathrochelates with inherent halogen substituents. <i>RSC Advances</i> , <b>2018</b> , 8, 13578-13587	3.7	6
255	Complexes of zinc(II) with N-[2-(hydroxyalkyliminomethyl)phenyl]-4-methylbenzenesulfonamides: synthesis, structure, photoluminescence properties and biological activity. <i>Polyhedron</i> , <b>2018</b> , 144, 249-258	2.7	18
254	Diels-Alder reactions between hexafluoro-2-butyne and bis-furyl dienes: kinetic versus thermodynamic control. <i>Chemical Communications</i> , <b>2018</b> , 54, 2850-2853	5.8	19
253	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> , <b>2018</b> , 122, 1992-2000	3.4	6
252	Synthesis and Investigations of Chiral NNO Type Copper(II) Coordination Polymers. <i>ChemistrySelect</i> , <b>2018</b> , 3, 653-656	1.8	7
251	Crystal structures of uranyl complexes with isobutyrate and isovalerate anions. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1849-1856	4.3	7
250	Mild and Regioselective Hydroxylation of Methyl Group in Neocuproine: Approach to an N,O-Ligated Cu <sub>6</sub> Cage Phenylsilsesquioxane. <i>Organometallics</i> , <b>2018</b> , 37, 168-171	3.8	26
249	Effect of the Synthesis Conditions on the Crystal, Local, and Electronic Structures of Ce <sub>4+2x</sub> Ce <sub>3+2-2x</sub> M <sub>2</sub> O <sub>7</sub> + x (M = Zr, Hf). <i>Russian Journal of Inorganic Chemistry</i> , <b>2018</b> , 63, 503-511	1.5	2
248	Order-Disorder Structural Transformations in Nanocrystalline Highly Imperfect Gd <sub>2</sub> MO <sub>5</sub> (M = Zr and Hf) Fluorite Derivatives. <i>Inorganic Materials</i> , <b>2018</b> , 54, 245-252	0.9	1

247	Chemical and Electrochemical Synthesis, Structure, and Properties of Metal Chelates of Tridentate N,S-Containing Azomethinazo Ligands. <i>Russian Journal of General Chemistry</i> , <b>2018</b> , 88, 262-270	0.7	2
246	Studying the transformation of Cu <sup>2+</sup> ions in soils and mineral phases by the XRD, XANES, and sequential fractionation methods. <i>Journal of Geochemical Exploration</i> , <b>2018</b> , 184, 365-371	3.8	6
245	Family of penta- and hexanuclear metallasilsesquioxanes: Synthesis, structure and catalytic properties in oxidations. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 867, 133-141	2.3	21
244	Characterization of aggregate state of polydisperse ferrofluids: Some aspects of anisotropy analysis of 2D SAXS in magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 459, 285-289	2.8	7
243	Synthesis, characterization, luminescent properties and biological activities of zinc complexes with bidentate azomethine Schiff-base ligands. <i>Polyhedron</i> , <b>2018</b> , 154, 65-76	2.7	24
242	Chemical Modification of Plant Alkaloids. 8. Stereocontrolled T-Reactions of (1R,5S,12S)-Tetrahydrocytisine Derivatives. <i>Chemistry of Natural Compounds</i> , <b>2018</b> , 54, 739-744	0.7	
241	Chemical and electrochemical synthesis, structure and magnetic properties of mono- and binuclear 3d-metal complexes of N-[2-[(hydroxyalkylimino)methyl]phenyl]-4-methylbenzenesulfonamides. <i>Polyhedron</i> , <b>2018</b> , 154, 123-131	2.7	9
240	Coordination Compounds of Bivalent Metals with (Z)-4-(2-Hydroxy-5-nitrophenyl)hydrazono-3-methyl-1-phenyl-1H-pyrazol-5(4H)-one: Crystal and Molecular Structure of C <sub>16</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub> . <i>Russian Journal of Inorganic Chemistry</i> , <b>2018</b> , 63, 874-880	1.5	1
239	Redox-mediated formation of plutonium oxide nanoparticles. <i>Dalton Transactions</i> , <b>2018</b> , 47, 11239-11244	4.3	13
238	Study of Acidic (Tetracaprolactam) Dodecamolybdosilicate of the Composition (C <sub>6</sub> H <sub>11</sub> NO) <sub>4.5</sub> [Si <sub>12</sub> O <sub>40</sub> ]. <i>Journal of Structural Chemistry</i> , <b>2018</b> , 59, 627-634	0.9	2
237	Solution Processing of Methylammonium Lead Iodide Perovskite from $\gamma$ -Butyrolactone: Crystallization Mediated by Solvation Equilibrium. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 5237-5244	9.6	67
236	Tridecanuclear Cull <sub>11</sub> Na <sub>2</sub> Cage-like Silsesquioxanes. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 5377-5384	3.5	17
235	Crystal structure, phase transition and structural deformations in iron borate (YBi)Fe(BO) in the temperature range 90-500 K. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2018</b> , 74, 226-238	1.8	8
234	Formation of nickel nanoparticles and magnetic matrix in nickel phthalocyanine by doping with potassium. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 214, 564-571	4.4	4
233	Comparative X-Ray Absorption Analysis of the Spectrum of Vacant Electronic States in Cobalt and Nickel Tetraphenylporphyrin Complexes. <i>Physics of the Solid State</i> , <b>2018</b> , 60, 581-591	0.8	2
232	Optical Properties of Amorphous Perfluorinated Polymers in the Terahertz Range. <i>Journal of Applied Spectroscopy</i> , <b>2018</b> , 85, 374-380	0.7	2
231	Hypervalent iodine compounds for anti-Markovnikov-type iodo-oxyimination of vinylarenes. <i>Beilstein Journal of Organic Chemistry</i> , <b>2018</b> , 14, 2146-2155	2.5	11
230	Crystal Structure of Tris-(2,3,5,6-Tetrafluorobenzoato)Scandium [Sc(C <sub>6</sub> F <sub>4</sub> HCO <sub>2</sub> ) <sub>3</sub> ]. <i>Journal of Structural Chemistry</i> , <b>2018</b> , 59, 494-496	0.9	7

229	Exploitation of knowledge databases in the synthesis of zinc(II) malonates with photo-sensitive and photo-insensitive ,'-containing linkers. <i>IUCrJ</i> , <b>2018</b> , 5, 293-303	4.7	10
228	Peculiarities of supramolecular organization of cyclic ketones with vinylacetylene fragments. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2018</b> , 74, 1674-1683	0.8	2
227	Synthesis, crystal structure and catalytic activity in reductive amination of di-chlorido-( $\eta$ -cymene)(2'-di-cyclo-hexyl-phosphanyl-2,6-di-meth-oxy-biphen-yl)-ruthenium(II). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2018</b> , 74, 487-491	0.7	2
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215	Magnetic properties of poly(p-xylylene)-Ni nanocomposites. <i>EPJ Web of Conferences</i> , <b>2018</b> , 185, 04005	0.3	
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211	Self-assembling in the systems Bis((7-bromo-2-oxo-5-phenyl-2,3-dihydro-1H,4-benzodiazepin-1-yl)acetohydrazide)alicyclic aldehyde (H = B, Ni, Zn; X = Cl, CH <sub>3</sub> COO). <i>Russian Journal of General Chemistry</i> , <b>2017</b> , 87, 86-91	0.7	1
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208	The synthesis, characterization, and structure of (ThioH) <sub>2</sub> [OsX <sub>6</sub> ] (X = Cl, Br). <i>Polyhedron</i> , <b>2017</b> , 134, 114-119	2.7	4
207	Synthesis, structure, photo- and electroluminescent properties of bis((4-methyl-N-[2-[(E)-2-pyridyliminomethyl]phenyl])benzenesulfonamide)zinc(II). <i>Polyhedron</i> , <b>2017</b> , 133, 231-237	2.7	16
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205	Inter-action between maleic acid and $\alpha$ -furfuryl-amines: crystal structure of 2-methyl-[(5-phenyl-furan-2-yl)methyl]propan-2-aminium (2)-3-carb-oxy-acrylate and -[(5-iodo-furan-2-yl)methyl]-2-methyl-propan-2-aminium (2)-3-carb-oxy-prop-2-enoate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2017</b> , 73, 515-519	0.7	6
204	Fe <sub>3</sub> P impurity phase in high-quality LiFePO <sub>4</sub> : X-ray diffraction and neutron-graphical studies. <i>Ionics</i> , <b>2017</b> , 23, 2293-2300	2.7	7
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201	Formation of nickel magnetic nanoparticles and modification of nickel phthalocyanine matrix by sodium doping. <i>Technical Physics</i> , <b>2017</b> , 62, 1538-1544	0.5	
200	Isolated DyO <sup>+</sup> Embedded in a Ceramic Apatite Matrix Featuring Single-Molecule Magnet Behavior with a High Energy Barrier for Magnetization Relaxation. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 13601-13605	3.6	6
199	Hybrid materials based on polymethylsilsesquioxanes containing Fe, Pt, and FePt metallic nanoparticles. <i>Russian Journal of Physical Chemistry A</i> , <b>2017</b> , 91, 2188-2194	0.7	2
198	Ring-expansion synthesis and crystal structure of dimethyl 4-ethyl-1,4,5,6,7,8-hexa-hydro-azonino[5,6]indole-2,3-di-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2017</b> , 73, 338-340	0.7	1
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196	Local atomic structure of mono- and binuclear metal complexes based on 3-formylpyrone and 3-formylcoumarin bis-azomethines. <i>Journal of Structural Chemistry</i> , <b>2017</b> , 58, 1226-1235	0.9	4
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191	X-ray absorption fine structure and X-ray photoelectron spectroscopy studies of nanocomposite systems based on ZnS:Cu deposited into porous anodic Al <sub>2</sub> O <sub>3</sub> matrices. <i>Journal of Surface Investigation</i> , <b>2017</b> , 11, 879-884	0.5	
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185	Ferrocene-containing tri- and tetranuclear cyclic copper(i) and silver(i) pyrazolates. <i>Russian Chemical Bulletin</i> , <b>2017</b> , 66, 1563-1568	1.7	4
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180	Crystal structure of bis-{1-phenyl-3-methyl-4-[(quinolin-3-yl)imino-methyl]-1-pyrazol-5-olato}zinc methanol 2.5-solvate from synchrotron X-ray diffraction. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2017</b> , 73, 1429-1432	0.7	
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163	Explaining stability of transition metal carbides and why TcC does not exist. <i>RSC Advances</i> , <b>2016</b> , 6, 16197-16202	3.7	30
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161	Crystal structures of (5)-()-4-[5-(furan-2-yl)-3-phenyl-4,5-di-hydro-1-pyrazol-1-yl]-4-oxobut-2-enoic acid and (5)-()-4-[5-(furan-2-yl)-3-(thio-phen-2-yl)-4,5-di-hydro-1-pyrazol-1-yl]-4-oxobut-2-enoic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2016</b> , 72, 1557-1561	0.7	
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152	Structural peculiarities of aged <sup>238</sup> Pu-doped monazite. <i>MRS Advances</i> , <b>2016</b> , 1, 4275-4281	0.7	5
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148	La <sub>2</sub> Hf <sub>2</sub> O <sub>7</sub> crystal and local structure changes on the fluorite - pyrochlore phase transition. <i>Journal of Physics: Conference Series</i> , <b>2016</b> , 747, 012043	0.3	3
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109	Electrochemical and chemical synthesis and structure of adducts (CH <sub>3</sub> OH and H <sub>2</sub> O) of metal chelates of N,N,O tridentate pyrazole-containing Schiff base. <i>Russian Journal of Inorganic Chemistry</i> , <b>2014</b> , 59, 431-440	1.5	8
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