

Yan V Zubavichus

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336
papers

3,954
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31
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g-index

358
ext. papers

4,518
ext. citations

2.5
avg, IF

5.33
L-index

#	Paper	IF	Citations
336	Innershell absorption spectroscopy of amino acids at all relevant absorption edges. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 6998-7000	2.8	138
335	Soft X-ray-induced decomposition of amino acids: an XPS, mass spectrometry, and NEXAFS study. <i>Radiation Research</i> , 2004 , 161, 346-58	3.1	123
334	Ultrafast core-hole-induced dynamics in water probed by x-ray emission spectroscopy. <i>Physical Review Letters</i> , 2005 , 94, 227401	7.4	111
333	Soft X-ray Induced Decomposition of Phenylalanine and Tyrosine: A Comparative Study. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 4557-4565	2.8	94
332	Crystal Structure of DMF-Intermediate Phases Uncovers the Link Between CH ₃ NH ₃ PbI ₃ Morphology and Precursor Stoichiometry. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 20739-20743	3.8	92
331	Solution Processing of Methylammonium Lead Iodide Perovskite from ϵ -Butyrolactone: Crystallization Mediated by Solvation Equilibrium. <i>Chemistry of Materials</i> , 2018 , 30, 5237-5244	9.6	67
330	Surface chemistry of ultrathin films of histidine on gold as probed by high-resolution synchrotron photoemission. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 884-91	3.4	60
329	X-ray photoelectron spectroscopy and near-edge X-ray absorption fine structure study of water adsorption on pyridine-terminated thiolate self-assembled monolayers. <i>Langmuir</i> , 2004 , 20, 11022-9	4	60
328	X-ray absorption spectroscopy of the nucleotide bases at the carbon, nitrogen, and oxygen K-edges. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 13711-6	3.4	58
327	Fluorite-pyrochlore phase transition in nanostructured Ln ₂ Hf ₂ O ₇ (Ln = La-Lu). <i>Journal of Alloys and Compounds</i> , 2016 , 689, 669-679	5.7	58
326	K ₃ (U ₃ O ₆)(Si ₂ O ₇) and Rb ₃ (U ₃ O ₆)(Ge ₂ O ₇): a pentavalent-uranium silicate and germanate. <i>Inorganic Chemistry</i> , 2008 , 47, 4445-7	5.1	57
325	Submicrometer intermediates in the citrate synthesis of gold nanoparticles: new insights into the nucleation and crystal growth mechanisms. <i>Journal of Colloid and Interface Science</i> , 2011 , 362, 330-6	9.3	50
324	A heterometallic (Fe ₆ Na ₈) cage-like silsesquioxane: synthesis, structure, spin glass behavior and high catalytic activity. <i>RSC Advances</i> , 2016 , 6, 48165-48180	3.7	48
323	Highly Luminescent, Water-Soluble Lanthanide Fluorobenzoates: Syntheses, Structures and Photophysics, Part I: Lanthanide Pentafluorobenzoates. <i>Chemistry - A European Journal</i> , 2015 , 21, 17921-32	4.8	46
322	Alkane oxidation with peroxides catalyzed by cage-like copper(II) silsesquioxanes. <i>New Journal of Chemistry</i> , 2015 , 39, 187-199	3.6	42
321	"Isolated" DyO Embedded in a Ceramic Apatite Matrix Featuring Single-Molecule Magnet Behavior with a High Energy Barrier for Magnetization Relaxation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 13416-13420	16.4	41
320	Is X-ray absorption spectroscopy sensitive to the amino acid composition of functional proteins?. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 4478-80	3.4	39

319	Formation of crystalline PuO ₂ ·nH ₂ O nanoparticles upon sorption of Pu(V,VI) onto hematite. <i>Geochimica Et Cosmochimica Acta</i> , 2013 , 121, 29-40	5.5	37
318	NEXAFS spectroscopy of homopolypeptides at all relevant absorption edges: polyisoleucine, polytyrosine, and polyhistidine. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 9803-7	3.4	37
317	Lanthanide complexes with aromatic o-phosphorylated ligands: synthesis, structure elucidation and photophysical properties. <i>Dalton Transactions</i> , 2014 , 43, 3121-36	4.3	36
316	High-Throughput Small-Molecule Crystallography at the Belok Beamline of the Kurchatov Synchrotron Radiation Source: Transition Metal Complexes with Azomethine Ligands as a Case Study. <i>Crystals</i> , 2017 , 7, 325	2.3	36
315	Fast and Slow Release of Catalytically Active Species in Metal/NHC Systems Induced by Aliphatic Amines. <i>Organometallics</i> , 2018 , 37, 1483-1492	3.8	35
314	Comprehensive study of Pb (II) speciation in soil by X-ray absorption spectroscopy (XANES and EXAFS) and sequential fractionation. <i>Journal of Soils and Sediments</i> , 2016 , 16, 1183-1192	3.4	34
313	Collagen-chitosan scaffold modified with Au and Ag nanoparticles: Synthesis and structure. <i>Applied Surface Science</i> , 2016 , 366, 365-371	6.7	34
312	Identification of the chromophore in the apatite pigment [Sr ₁₀ (PO ₄) ₆ (Cu(x)OH(1-x-y)) ₂]: linear OCuO- featuring a resonance Raman effect, an extreme magnetic anisotropy, and slow spin relaxation. <i>Chemistry - A European Journal</i> , 2014 , 20, 165-78	4.8	34
311	Structural diagnostics of functional nanomaterials with the use of X-ray synchrotron radiation. <i>Nanotechnologies in Russia</i> , 2013 , 8, 396-401	0.6	34
310	The role of metal-support interaction in catalytic activity of nanodiamond-supported nickel in selective phenylacetylene hydrogenation. <i>Journal of Catalysis</i> , 2016 , 344, 90-99	7.3	33
309	Heterometallic Na ₆ Co ₃ Phenylsilsesquioxane Exhibiting Slow Dynamic Behavior in its Magnetization. <i>Chemistry - A European Journal</i> , 2015 , 21, 18563-5	4.8	32
308	Nanocrystallinity as a Route to Metastable Phases: Rock Salt ZnO. <i>Chemistry of Materials</i> , 2013 , 25, 1775-1782	1.82	32
307	Short- and long-range order balance in nanocrystalline Gd ₂ Zr ₂ O ₇ powders with a fluorite-pyrochlore structure. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 279-285	1.5	31
306	X-ray absorption fine structure study of the atomic and electronic structure of molybdenum disulfide intercalation compounds with transition metals. <i>Inorganica Chimica Acta</i> , 1998 , 280, 211-218	2.7	31
305	Explaining stability of transition metal carbides and why TcC does not exist. <i>RSC Advances</i> , 2016 , 6, 16197-16202	3.7	30
304	Synthesis, Structures, and Magnetic Properties of Rare-Earth Cobalt Arsenides, RCo ₂ As ₂ (R = La, Ce, Pr, Nd). <i>Chemistry of Materials</i> , 2014 , 26, 3825-3837	9.6	30
303	Atomic Structure of Bimetallic Nanoparticles in PtAg/C Catalysts: Determination of Components Distribution in the Range from Disordered Alloys to Core-Shell Structures. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 3217-3227	3.8	29
302	Solid-state near-edge X-ray absorption fine structure spectra of glycine in various charge states. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 3420-7	3.4	29

301	SiCuN Cage Hexacoppersilsesquioxanes Containing N Ligands: Synthesis, Structure, and High Catalytic Activity in Peroxide Oxidations. <i>Inorganic Chemistry</i> , 2017 , 56, 15026-15040	5.1	28
300	Mild and Regioselective Hydroxylation of Methyl Group in Neocuproine: Approach to an N,O-Ligated Cu ₆ Cage Phenylsilsesquioxane. <i>Organometallics</i> , 2018 , 37, 168-171	3.8	26
299	Concentration Hysteresis in the Oxidation of Methane over Pt/FAI ₂ O ₃ : X-ray Absorption Spectroscopy and Kinetic Study. <i>ACS Catalysis</i> , 2015 , 5, 2795-2804	13.1	25
298	Nature-inspired soluble iron-rich humic compounds: new look at the structure and properties. <i>Journal of Soils and Sediments</i> , 2014 , 14, 261-268	3.4	25
297	Lanthanide effect on the formation and evolution of nanocrystalline structures in Ln ₂ Hf ₂ O ₇ compounds (Ln = Sm-Dy). <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 16-22	1.5	25
296	Synthesis, structure, photo- and electroluminescent properties of zinc(II) complexes with aminomethylene derivatives of 1-phenyl-3-methyl-4-formylpyrazol-5-one and 3- and 6-aminoquinolines. <i>Synthetic Metals</i> , 2015 , 203, 156-163	3.6	24
295	Synthesis, characterization, luminescent properties and biological activities of zinc complexes with bidentate azomethine Schiff-base ligands. <i>Polyhedron</i> , 2018 , 154, 65-76	2.7	24
294	Preparation, structure and reduction of graphite intercalation compounds with hexachloroplatinic acid. <i>Carbon</i> , 2008 , 46, 788-795	10.4	24
293	Role of PdOx and RuOy Clusters in Oxygen Exchange between Nanocrystalline Tin Dioxide and the Gas Phase. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 23858-23867	3.8	23
292	Formation of nanocrystalline structures in the Ln ₂ O ₃ -MO ₂ systems (Ln = Gd, Dy; M = Zr, Hf). <i>Russian Journal of Inorganic Chemistry</i> , 2011 , 56, 1538-1544	1.5	23
291	Layered compounds based on molybdenum disulfide and rutheniumarene complexes. <i>Journal of Materials Chemistry</i> , 1997 , 7, 163-167		23
290	Triggering the Sign of Magnetic Exchange Coupling in a Dinuclear Copper(II) Complex by Solvent Molecule Coordination. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, n/a-n/a	2.3	22
289	Alumina-platinum catalyst in the reductive dehydration of ethanol and diethyl ether to alkanes. <i>Kinetics and Catalysis</i> , 2010 , 51, 548-558	1.5	22
288	X-Ray synchrotron radiation in physicochemical studies. <i>Russian Chemical Reviews</i> , 2001 , 70, 373-403	6.8	22
287	Family of penta- and hexanuclear metallasilsesquioxanes: Synthesis, structure and catalytic properties in oxidations. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 133-141	2.3	21
286	Physico-chemical properties of Chernobyl lava and their destruction products. <i>Progress in Nuclear Energy</i> , 2016 , 92, 104-118	2.3	21
285	Heptanuclear FeCu-Phenylgermsesquioxane containing 2,2'-Bipyridine: Synthesis, Structure, and Catalytic Activity in Oxidation of C-H Compounds. <i>Inorganic Chemistry</i> , 2018 , 57, 528-534	5.1	21
284	Cobalt-Based Single-Ion Magnets on an Apatite Lattice: Toward Patterned Arrays for Magnetic Memories. <i>Inorganic Chemistry</i> , 2017 , 56, 1232-1240	5.1	20

283	Electroconductive PEDOT:PSS-based hydrogel prepared by freezing-thawing method. <i>Heliyon</i> , 2019 , 5, e02498	3.6	20
282	Heptanuclear Cage Cull-Silsesquioxanes: Synthesis, Structure and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2505-2511	2.3	20
281	PdCu catalyst prepared from heterobimetallic PdCu ₂ (OAc) ₆ : an XRD-EXAFS study and activity/selectivity in the liquid-phase hydrogenation of a C=C bond. <i>Mendeleev Communications</i> , 2016 , 26, 502-504	1.9	20
280	OLED thin film fabrication from poorly soluble terbium o -phenoxybenzoate through soluble mixed-ligand complexes. <i>Organic Electronics</i> , 2016 , 28, 319-329	3.5	20
279	Cocatalytic effect of palladium and zinc in the condensation of alcohol carbon backbones into hydrocarbons. <i>Kinetics and Catalysis</i> , 2011 , 52, 258-272	1.5	20
278	Penta- and Hexanuclear Heterometallic Carbonyl Clusters with B-O Ligands. <i>Organometallics</i> , 1997 , 16, 4527-4530	3.8	20
277	Metal-organic frameworks based on polynuclear lanthanide complexes and octahedral rhenium clusters. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1518-1526	6.8	19
276	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> , 2018 , 634, 1165-1173	10.2	19
275	Diels-Alder reactions between hexafluoro-2-butyne and bis-furyl dienes: kinetic versus thermodynamic control. <i>Chemical Communications</i> , 2018 , 54, 2850-2853	5.8	19
274	Characteristic features of the nanocrystalline structure formation in Ln ₂ Hf ₂ O ₇ (Ln = Gd, Dy) compounds. <i>Russian Journal of Inorganic Chemistry</i> , 2013 , 58, 1400-1407	1.5	19
273	Energy-transfer luminescence of a zinc oxide/ytterbium oxide nanocomposite. <i>RSC Advances</i> , 2012 , 2, 8783	3.7	19
272	Synthesis and Characterization of the First Ruthenium-Lead Clusters, [Ru ₃ (μ ₃ -PbR ₂)(μ ₃ -CO) ₂ (CO) ₉] and [Ru ₃ (μ ₃ -PbR ₂) ₂ (μ ₃ -CO)(CO) ₉]. Single-Crystal X-ray Structure of [Ru ₃ (μ ₃ -PbR ₂) ₂ (μ ₃ -CO)(CO) ₉]. <i>Organometallics</i> , 1995 , 14, 5708-5710	3.8	19
271	Solid-State Reactions of Eicosaborate [B ₁₀ H ₁₂] Salts and Complexes. <i>Chemistry - A European Journal</i> , 2017 , 23, 16819-16828	4.8	19
270	Complexes of zinc(II) with N-[2-(hydroxyalkyliminomethyl)phenyl]-4-methylbenzenesulfonamides: synthesis, structure, photoluminescence properties and biological activity. <i>Polyhedron</i> , 2018 , 144, 249-258	2.7	18
269	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> , 2019 , 11, 511-519	5.2	18
268	Silicon and Germanium-Based Sesquioxanes as Versatile Building Blocks for Cage Metallacomplexes. A Review. <i>Journal of Cluster Science</i> , 2019 , 30, 1283-1316	3	17
267	Tridecanuclear Cu ₁₁ Na ₂ Cagelike Silsesquioxanes. <i>Crystal Growth and Design</i> , 2018 , 18, 5377-5384	3.5	17
266	Highly flexible molecule "Chameleon": reversible thermochromism and phase transitions in solid copper(II) diiminate Cu[CF ₃ -C(NH)-CF ₂ -C(NH)-CF ₃] ₂ . <i>Inorganic Chemistry</i> , 2012 , 51, 10590-602	5.1	17

265	Oxo/Imido Heterometathesis Reactions Catalyzed by a Silica-Supported Tantalum Imido Complex. <i>Organometallics</i> , 2013 , 32, 3611-3617	3.8	17
264	Formation of silver nanoparticles in silicate glass using excimer laser radiation: Structural characterization by HRTEM, XRD, EXAFS and optical absorption spectra. <i>Journal of Alloys and Compounds</i> , 2016 , 681, 307-315	5.7	17
263	Biopolymer-based hydrogels for encapsulation of photocatalytic TiO ₂ nanoparticles prepared by the freezing/thawing method. <i>Journal of Molecular Liquids</i> , 2016 , 223, 16-20	6	17
262	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> , 2019 , 157, 6-17	2.7	17
261	Synthesis, structure, photo- and electroluminescent properties of bis{(4-methyl-N-[2-[(E)-2-pyridyliminomethyl]phenyl]benzenesulfonamide}zinc(II). <i>Polyhedron</i> , 2017 , 133, 231-237	2.7	16
260	Hexacoppergermsesquioxanes as complexes with N-ligands: Synthesis, structure and catalytic properties. <i>Journal of Organometallic Chemistry</i> , 2019 , 884, 17-28	2.3	16
259	Palanquin-Like Cu ₄ Na ₄ Silsesquioxane Synthesis (via Oxidation of 1,1-bis(Diphenylphosphino)methane), Structure and Catalytic Activity in Alkane or Alcohol Oxidation with Peroxides. <i>Catalysts</i> , 2019 , 9, 154	4	16
258	Pd-PEPSI 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	1.7	16
257	New ferro- and antiferromagnetic complexes of tridentate azomethines with copper. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 1566-1572	1.5	16
256	FA ₂ PbBr ₄ : Synthesis, Structure, and Unusual Optical Properties of Two Polymorphs of Formamidinium-Based Layered (110) Hybrid Perovskite. <i>Chemistry of Materials</i> , 2021 , 33, 1900-1907	9.6	16
255	Comparative analysis of long- and short-range structures features in titanates Ln ₂ Ti ₂ O ₇ and zirconates Ln ₂ Zr ₂ O ₇ (Ln = Gd, Tb, Dy) upon the crystallization process. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 130, 144-153	3.9	15
254	XAFS study of metal chelates of phenylazo derivatives of Schiff bases. <i>Journal of Molecular Structure</i> , 2014 , 1061, 47-53	3.4	14
253	Synthesis and characterization of a series of novel metal complexes of N-heterocyclic azo-colorants derived from 4-azo-pyrazol-5-one. <i>Polyhedron</i> , 2017 , 121, 41-52	2.7	14
252	An in situ cell for investigation of the catalyst structure using synchrotron radiation. <i>Journal of Structural Chemistry</i> , 2010 , 51, 20-27	0.9	14
251	Structure and spectra of dichloro(hydroxy-methoxy-di(2-pyridyl)methane)copper(II). <i>Polyhedron</i> , 1996 , 15, 385-390	2.7	14
250	Hybrid materials based on core-shell polyorganosilsesquioxanes modified with iron nanoparticles. <i>Mendeleev Communications</i> , 2016 , 26, 187-190	1.9	14
249	Mixed ligand metal-complexes of tridentate N, N, S pyrazole containing Schiff base and 2-amino-1-ethylbenzimidazole: Synthesis, structure, spectroscopic studies and quantum-chemical calculations. <i>Polyhedron</i> , 2017 , 133, 245-256	2.7	13
248	High-Nuclearity (Cu ₈ -Based) Cage Silsesquioxanes: Synthesis and Structural Study. <i>Crystal Growth and Design</i> , 2018 , 18, 2452-2457	3.5	13

247	Redox-mediated formation of plutonium oxide nanoparticles. <i>Dalton Transactions</i> , 2018 , 47, 11239-11244	4.3	13
246	A study of the formation of Ln ₂ + x Me ₂ O ₇ (Ln = Gd, Dy; Me = Zr, Hf) nanocrystals. <i>Glass Physics and Chemistry</i> , 2011 , 37, 512-520	0.7	13
245	Molecular design of new magnetically active copper complexes with heteroaromatic schiff bases and azo compounds. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 1230-1235	0.7	13
244	Formamidinium Haloplumbate Intermediates: The Missing Link in a Chain of Hybrid Perovskites Crystallization. <i>Chemistry of Materials</i> , 2020 , 32, 7739-7745	9.6	13
243	X-ray absorption spectroscopic and magneto-chemical analysis of the atomic structure of copper(II) complexes with diacetyl monoxime 1 π -phthalazinyl hydrazone. <i>Journal of Structural Chemistry</i> , 2012 , 53, 295-305	0.9	12
242	The anions [(ZrOH(CO ₃) ₃) ₂] ⁶⁻ and [(ZrOH(C ₂ O ₄) ₃) ₂] ⁶⁻ single crystal X-ray diffraction studies of the complexes guanidinium zirconium carbonate [(C(NH ₂) ₃) ₃ ZrOH(CO ₃) ₃ (H ₂ O) ₂] and sodium zirconium oxalate Na ₆ (ZrOH(C ₂ O ₄) ₃) ₂ ·7H ₂ O. <i>Polyhedron</i> , 1998 , 17, 2301-2307	2.7	12
241	Heterometallic Palladium(II)-Indium(III) and -Gallium(III) Acetate-Bridged Complexes: Synthesis, Structure, and Catalytic Performance in Homogeneous Alkyne and Alkene Hydrogenation. <i>Inorganic Chemistry</i> , 2018 , 57, 11482-11491	5.1	12
240	The Fe K-edge X-ray absorption study of the local structure of BaFe _{0.5} Nb _{0.5} O ₃ . <i>Materials Chemistry and Physics</i> , 2017 , 193, 260-266	4.4	11
239	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	6.4	11
238	Hypervalent iodine compounds for anti-Markovnikov-type iodo-oxyimination of vinylarenes. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2146-2155	2.5	11
237	Competing intramolecular vs. intermolecular hydrogen bonding in phosphoryl-containing secondary alkanols: A structural, spectroscopic and DFT study. <i>Journal of Molecular Structure</i> , 2019 , 1175, 874-881	3.4	11
236	CO-induced segregation as an efficient tool to control the surface composition and catalytic performance of PdAg ₃ /Al ₂ O ₃ catalyst. <i>Mendeleev Communications</i> , 2019 , 29, 547-549	1.9	11
235	Crystal structure and magnetization of a Co ₃ B ₂ O ₆ single crystal. <i>Journal of Experimental and Theoretical Physics</i> , 2013 , 117, 94-107	1	11
234	Synthesis, XAFS and X-ray structural studies of mono- and binuclear metal-chelates of N,O,O(N,O,S) tridentate Schiff base pyrazole derived ligands. <i>Journal of Molecular Structure</i> , 2014 , 1064, 111-121	3.4	11
233	Investigation of PdZn nanoparticle formation upon the thermal decomposition of acetate precursors by in situ XRD and XAFS. <i>Journal of Surface Investigation</i> , 2013 , 7, 422-433	0.5	11
232	Structure and properties of precipitation-hardening ceramic Ti-Zr-C and Ti-Ta-C materials. <i>Physics of Metals and Metallography</i> , 2010 , 109, 95-105	1.2	11
231	Local structure of amorphous ice as revealed by O K-edge EXAFS. <i>ChemPhysChem</i> , 2004 , 5, 509-14	3.2	11
230	Identification of Subnanometric Ag Species, Their Interaction with Supports and Role in Catalytic CO Oxidation. <i>Molecules</i> , 2016 , 21, 532	4.8	11

229	Cu ₄ Ge ₂₄ Na ₄ Giant Trimetallic Sesquioxane Cage: Synthesis, Structure, and Catalytic Activity. <i>Catalysts</i> , 2018 , 8, 484	4	11
228	Mechanism of Zr Incorporation in the Course of Hydrothermal Synthesis of Zeolite BEA. <i>Inorganic Chemistry</i> , 2018 , 57, 11978-11985	5.1	11
227	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> , 2020 , 59, 4536-4545	5.1	10
226	Structural features of compounds of the sillenite family. <i>Crystallography Reports</i> , 2014 , 59, 353-361	0.6	10
225	Trends in formation of the nanocrystalline structure and cationic ordering in the Dy ₂ O ₃ -HfO ₂ (1: 1) system. <i>Russian Journal of Inorganic Chemistry</i> , 2013 , 58, 331-337	1.5	10
224	Structure and magnetic properties of Ni-poly(p-xylylene) nanocomposites synthesized by vapor deposition polymerization. <i>Journal of Physics and Chemistry of Solids</i> , 2017 , 111, 245-253	3.9	10
223	Synthesis and characterization of grafted copolymers of aromatic polyimides and ε-caprolactam. <i>Journal of Applied Polymer Science</i> , 2009 , 114, 577-586	2.9	10
222	Optically active pentanuclear wing-tip butterfly heterotrimetallic clusters. <i>Journal of Organometallic Chemistry</i> , 1997 , 549, 55-72	2.3	10
221	Exploitation of knowledge databases in the synthesis of zinc(II) malonates with photo-sensitive and photo-insensitive, '-containing linkers. <i>IUCrJ</i> , 2018 , 5, 293-303	4.7	10
220	Crystal structure and electronic states of Co and Gd ions in a Gd _{0.4} Sr _{0.6} CoO _{2.85} single crystal. <i>JETP Letters</i> , 2016 , 103, 196-200	1.2	10
219	Binuclear metalochelates of 2-(N-tosylamino)benzal-2[(hydroxymethyl)aniline: Syntheses, structures, and magnetic properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2016 , 42, 267-273	1.6	10
218	Eu-Doped layered yttrium hydroxides sensitized by a series of benzenedicarboxylate and sulphobenzoate anions. <i>Dalton Transactions</i> , 2019 , 48, 6111-6122	4.3	10
217	Synthesis, X-ray structure and reactivity of the vinyl-terminated iron(II) clathrochelate precursors and their cage derivatives with non-equivalent capping groups. <i>Inorganica Chimica Acta</i> , 2017 , 463, 29-35	2.7	9
216	Effect of metal-support interaction in the M/Ce _{0.72} Zr _{0.18} Pr _{0.10} 2 (M = Ru, Pd, and Pt) catalysts and their activity in CO and CH ₄ oxidation. <i>Kinetics and Catalysis</i> , 2015 , 56, 89-105	1.5	9
215	Radioactivity distribution in fuel-containing materials (Chernobyl lava) and aerosols from the Chernobyl Shelter. <i>Radiation Measurements</i> , 2015 , 83, 20-25	1.5	9
214	Electrochemical synthesis, structure, and photoluminescent properties of copper, zinc, and cadmium mixed-ligand complexes. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 1528-1536	1.5	9
213	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> , 2018 , 154, 123-131	2.7	9
212	Synthesis, crystal structure, and electroluminescent properties of zinc and cadmium tetradentate azomethine complexes. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 721-732	1.5	9

211	Metal-containing systems based on chitosan and a collagen-chitosan composite. <i>Russian Chemical Bulletin</i> , 2015 , 64, 1663-1670	1.7	9
210	Ce valence in intermetallic compounds by means of XANES spectroscopy. <i>Zeitschrift für Kristallographie</i> , 2010 , 225,		9
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