

# Valentin V Novikov

## 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.

109  
papers

1,770  
citations

23  
h-index

37  
g-index

121  
ext. papers

2,075  
ext. citations

3.7  
avg, IF

4.69  
L-index

#	Paper	IF	Citations
109	Unravelling of a [High Spin/Low Spin] $\leftrightarrow$ [Low Spin/High Spin] Equilibrium in Spin-Crossover Iron(II) Dinuclear Helicates Using Paramagnetic NMR Spectroscopy. <i>Angewandte Chemie</i> , <b>2022</b> , 134, e202110310	3.6	0
108	Iron(II) Clathrochelates in Molecular Spintronic Devices: A Vertical Spin Valve. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2022</b> , 48, 33-40	1.6	0
107	Calcium-based coordination polymers from a solvothermal synthesis of HKUST-1 in 3D printed autoclaves. <i>Mendeleev Communications</i> , <b>2022</b> , 32, 105-108	1.9	1
106	Antibacterial Films of Composite Materials Based on the Biocompatible Metal-Organic Framework MOF-5 and Hydrocolloids. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2022</b> , 48, 195-200	1.6	0
105	Metal-Organic framework ZIF-8 loaded with rhodium nanoparticles as a catalyst for hydroformylation. <i>Mendeleev Communications</i> , <b>2022</b> , 32, 320-322	1.9	0
104	Room-Temperature Spin Crossover in a Solution of Iron(II) Complexes with <i>p</i> ,-Disubstituted Bis(pyrazol-3-yl)pyridines.. <i>ACS Omega</i> , <b>2021</b> , 6, 33111-33121	3.9	0
103	Revealing the Structure of Transition Metal Complexes of Formaldoxime. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 5523-5537	5.1	0
102	Composite Materials Manufactured by Photopolymer 3D Printing with Metal-Organic Frameworks. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 319-325	1.6	1
101	First Iron(II) Clathrochelate with a Temperature-Induced Spin Crossover to an Elusive High-Spin State. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 4594-4606	3.5	0
100	Enhancement of 1T-MoS <sub>2</sub> Superambient Temperature Stability and Hydrogen Evolution Performance by Intercalating a Phenanthroline Monolayer. <i>ChemNanoMat</i> , <b>2021</b> , 7, 447-456	3.5	6
99	Modern physical methods for molecular design of single-molecule magnets. <i>Russian Chemical Reviews</i> , <b>2021</b> , 90, 1330-1358	6.8	2
98	Spin Transition in the Cobalt(II) Clathrochelate Films From Electron Spectroscopy Data. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 52-57	1.6	0
97	Phosphite-containing iridium polarization transfer catalysts for NMR signal amplification by reversible exchange. <i>Mendeleev Communications</i> , <b>2021</b> , 31, 475-477	1.9	0
96	Spin-Crossover in Iron(II) Complexes of N,N'-Disubstituted 2,6-Bis(Pyrazol-3-yl)Pyridines: An Effect of a Distal Substituent in the 2,6-Dibromophenyl Group. <i>Crystals</i> , <b>2021</b> , 11, 922	2.3	2
95	Ruthenium-catalyzed dimerization of CF <sub>3</sub> -containing functional allenes. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 951, 121998	2.3	0
94	Transformations of wormlike surfactant micelles induced by a water-soluble monomer. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 602, 590-601	9.3	10
93	High-Spin Cobalt(II) Complex with Record-Breaking Anisotropy of the Magnetic Susceptibility According to Paramagnetic NMR Spectroscopy Data. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 10-16	1.6	4

92	NMR Search for Spin-Crossover in Heteroleptic Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 7700-7709	5.7	9
91	Chan-Evans-Lam C-N Coupling Promoted by a Dinuclear Positively Charged Cu(II) Complex. Catalytic Performance and Some Evidence for the Mechanism of CEL Reaction Obviating Cu(III)/Cu(I) Catalytic Cycle. <i>ChemCatChem</i> , <b>2020</b> , 12, 3010-3021	5.2	7
90	Towards the Molecular Design of Spin-Crossover Complexes of 2,6-Bis(pyrazol-3-yl)pyridines. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 5629-5638	4.8	16
89	Cucurbit[7]uril-driven modulation of ligand-DNA interactions by ternary assembly. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 755-766	3.9	7
88	Heteroleptic copper(II) complexes with 2-bromo-5-methylpyridine: Structures, features of non-covalent interactions and magnetic behavior. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 502, 119333	2.7	1
87	A Synergy and Struggle of EPR, Magnetometry and NMR: A Case Study of Magnetic Interaction Parameters in a Six-Coordinate Cobalt(II) Complex. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 10746-10755	5.1	10
86	Influence of Polymorphism on the Magnetic Properties of Single-Molecule Magnets According to the Data of EPR Spectroscopy in the Terahertz Range. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 756-761	1.6	2
85	Multi-component interaction between bisstyryl dyes and cucurbit[7]uril. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2020</b> , 98, 249-259	1.7	
84	New Spin-Crossover Complexes of Substituted 2,6-Bis(pyrazol-3-yl)pyridines. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 2819-2829	2.3	10
83	A Trigonal Prismatic Cobalt(II) Complex as a Single Molecule Magnet with a Reduced Contribution from Quantum Tunneling. <i>ChemPhysChem</i> , <b>2019</b> , 20, 1001-1005	3.2	18
82	Synthesis and electrochemical behaviour of rigid ferrocenyl-terminated pyridylphenylene dendrimers. <i>Polymer</i> , <b>2019</b> , 173, 34-42	3.9	6
81	Detailed electronic structure of a high-spin cobalt(ii) complex determined from NMR and THz-EPR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 8201-8204	3.6	27
80	Coordination [Co] and [CoZn] Helicates Showing Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9562-9566	5.1	7
79	Solvothermal Synthesis of the Metal-Organic Framework MOF-5 in Autoclaves Prepared by 3D Printing. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 836-842	1.6	8
78	A New Single-Molecule Magnet Based on a Cage Cobalt(II) Complex. <i>Russian Journal of Inorganic Chemistry</i> , <b>2019</b> , 64, 1532-1537	1.5	3
77	Synthesis and characterization of an Fe(i) cage complex with high stability towards strong H-acids. <i>Chemical Communications</i> , <b>2018</b> , 54, 3436-3439	5.8	10
76	Pseudocathrochelate n-hexadecylboron-capped metal(II) tris-pyrazoloximates: synthesis, X-ray structure, spectral and magnetic characteristics. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 471, 413-418	2.7	2
75	Very Large Magnetic Anisotropy of Cage Cobalt(II) Complexes with a Rigid Cholesteryl Substituent from Paramagnetic NMR Spectroscopy. <i>ACS Omega</i> , <b>2018</b> , 3, 4941-4946	3.9	13

74	Inhibition of DNA synthesis in the transcription system of Taq DNA polymerase by various iron and cobalt(II) tris-dioximate clathrochelates: In vitro study and X-ray structure of leader inhibitors, the carboxyl-terminated macrobicyclic complexes?. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 482, 90-98	2.7	10
73	The molecular design of cage metal complexes for biological applications: pathways of the synthesis, and X-ray structures of a series of new N2-, S2- and O2- alicyclic iron(II) di- and tetrachloroclathrochelates. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 56-66	3.6	2
72	Determination of Large Zero-Field Splitting in High-Spin Co(I) Clathrochelates. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 15330-15340	5.1	10
71	Intramolecular Spin State Locking in Iron(II) 2,6-Di(pyrazol-3-yl)pyridine Complexes by Phenyl Groups: An Experimental Study. <i>Magnetochemistry</i> , <b>2018</b> , 4, 46	3.1	11
70	Synthesis and Spin State of the Cobalt(II) Complexes with Substituted 2,6-Bis(pyrazol-3-yl)pyridine Ligands. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 489-495	1.6	7
69	Coordination capabilities of metal ions and steric features of organic ligands affecting formation of mono- or binuclear zinc(II) and cadmium(II) pivalates. <i>Polyhedron</i> , <b>2018</b> , 152, 61-72	2.7	24
68	Synthesis, X-ray structure and electrochemical properties of hybrid binuclear metallophthalocyaninate-capped tris-pyridineoximates. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 3251-3259	3.6	11
67	Polyhedral Rearrangements in the Complexes of Rhodium and Iridium with Isomeric Carborane Anions [7,8-Me2-X-SMe2-7,8-nido-C2B9H8][X = 9 and 10]. <i>Organometallics</i> , <b>2017</b> , 36, 791-800	3.8	7
66	Regio- and stereoselective [2+2] photocycloaddition in Ba 2+ templated supramolecular dimers of styryl-derivatized aza-heterocycles. <i>Dyes and Pigments</i> , <b>2017</b> , 139, 397-402	4.6	7
65	Trigonal Prismatic Tris-pyridineoximate Transition Metal Complexes: A Cobalt(II) Compound with High Magnetic Anisotropy. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 6943-6951	5.1	35
64	Hydrogen production by proton exchange membrane water electrolysis using cobalt and iron hexachloroclathrochelates as efficient hydrogen-evolving electrocatalysts. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 27845-27850	6.7	24
63	Unpredictable cycloisomerization of 1,11-dien-6-yne by a common cobalt catalyst. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 639-643	2.5	2
62	Coordinatively Labile 18-Electron Arene Ruthenium Iminophosphonamide Complexes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 15424-15435	4.8	4
61	Probing Spin Crossover in a Solution by Paramagnetic NMR Spectroscopy. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 14759-14762	5.1	33
60	A New Series of Cobalt and Iron Clathrochelates with Perfluorinated Ribbed Substituents. <i>ACS Omega</i> , <b>2017</b> , 2, 6852-6862	3.9	7
59	Cluster [Co3(CO)3( $\eta^2$ -CO)3( $\eta^3$ -C8H8)] $\bar{3}$ as a Ligand: Experimental and Theoretical Study. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 5663-5669	2.3	2
58	Template synthesis and X-ray structure of the tris-glyoximate iron(II) clathrochelates with terminal reactive groups. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 453, 210-221	2.7	5
57	5,6- and 6,6-Membered Palladium(II) Pincer Complexes Based on Functionalized Carboxamides with Ancillary Sulfur and Nitrogen Donors. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 5271-5280	2.3	10

56	Preparation, X-ray Structures, Spectroscopic, and Redox Properties of Di- and Trinuclear Iron-Zirconium and Iron-Hafnium Porphyrinoclathrochelates. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 11867-11882 <sup>5.1</sup>	17
55	Synthesis, structure and reactivity of iron(II) clathrochelates with terminal formyl (acetal) groups. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 440, 154-164	2.7 12
54	Crosslinking of Chitosan with Dialdehyde Derivatives of Nucleosides and Nucleotides. Mechanism and Comparison with Glutaraldehyde. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2016</b> , 35, 114-29	1.4 19
53	The synthesis of sterically hindered amines by a direct reductive amination of ketones. <i>Chemical Communications</i> , <b>2016</b> , 52, 1397-400	5.8 20
52	Cation-dependent structural diversity of zinc(II), calcium(II) mono- and binuclear complexes of aryl-imidazo-1,10-phenanthroline derivatives. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 445, 103-109	2.7 1
51	Intramolecular self-alkylation reaction of an iron(II) dichloroclathrochelate caused cyclization and demethylation in its chelate ribbed fragment. <i>Inorganic Chemistry Communication</i> , <b>2016</b> , 67, 80-84	3.1 1
50	Synthesis, structure and ADMET properties of the monoribbed-functionalized iron(II) clathrochelates with terminal DNA-relevant groups. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 448, 7-15	2.7 7
49	Invariom approach to electron density studies of open-shell compounds: the case of an organic nitroxide radical. <i>RSC Advances</i> , <b>2016</b> , 6, 91694-91710	3.7 6
48	Polymorphism in a Cobalt-Based Single-Ion Magnet Tuning Its Barrier to Magnetization Relaxation. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 4111-4116	6.4 76
47	New rhenium(III) semiclathrochelates with biorelevant apical substituents: Synthesis, X-ray structure and reactivity. <i>Inorganic Chemistry Communication</i> , <b>2016</b> , 72, 23-29	3.1 3
46	Metallosiloxanes containing period 5 transition metals: synthesis and X-ray studies of three cadmium siloxanes. <i>Mendeleev Communications</i> , <b>2016</b> , 26, 344-346	1.9 14
45	First iron and cobalt(II) hexabromoclathrochelates: structural, magnetic, redox, and electrocatalytic behavior. <i>Dalton Transactions</i> , <b>2015</b> , 44, 2476-87	4.3 27
44	A Trigonal Prismatic Mononuclear Cobalt(II) Complex Showing Single-Molecule Magnet Behavior. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 9792-5	16.4 228
43	Cooperative effects of ruthenium micellar catalysts and added surfactants in transfer hydrogenation of ketones in water. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 4458-4465	5.5 4
42	Dynamic properties of water in swollen hypercrosslinked polystyrenes, according to NMR relaxation and diffusion data. <i>Russian Journal of Physical Chemistry A</i> , <b>2015</b> , 89, 1414-1418	0.7
41	Recent advances in biological applications of cage metal complexes. <i>RSC Advances</i> , <b>2015</b> , 5, 72621-72637 <sup>3.7</sup>	27
40	Synthesis and studies of symmetric dibenzothienylcyclopentenes. <i>Tetrahedron</i> , <b>2015</b> , 71, 584-598	2.4 9
39	Synthesis and Temperature-Induced Structural Phase and Spin Transitions in Hexadecylboron-Capped Cobalt(II) Hexachloroclathrochelate and Its Diamagnetic Iron(II)-Encapsulating Analogue. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 5827-38	5.1 35

38	Molecular design of cage iron(II) and cobalt(II,III) complexes with a second fluorine-enriched superhydrophobic shell. <i>Dalton Transactions</i> , <b>2015</b> , 44, 3773-84	4.3	11
37	Selective ruthenium labeling of the tryptophan residue in the bee venom Peptide melittin. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 4923-5	4.8	23
36	Copper-promoted reductive homocoupling of quasi-aromatic iron(II) clathrochelates: boosting the inhibitory activity in a transcription assay. <i>Chemical Communications</i> , <b>2014</b> , 50, 3166-8	5.8	25
35	Transfer hydrogenation of ketones catalyzed by surface-active ruthenium and rhodium complexes in water. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 846-54	4.8	19
34	Spin-Crossover Anticooperativity Induced by Weak Intermolecular Interactions. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 496-500	6.4	39
33	Photoresponsive dendron-like metallocomplexes of the crown-containing styryl derivatives of 2,2'-bipyridine. <i>Dalton Transactions</i> , <b>2014</b> , 43, 769-78	4.3	3
32	Transition Ion Strikes Back: Large Magnetic Susceptibility Anisotropy in Cobalt(II) Clathrochelates. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 3799-803	6.4	51
31	Synthesis of the first morpholine-containing iron(II) clathrochelates: A new class of efficient functionalized transcription inhibitors. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 421, 300-306	2.7	15
30	Synthesis of chromophoric crown-containing styryl derivative of terthiophene and its complexation with octane-1,8-diaminium diperchlorate. <i>Russian Journal of Organic Chemistry</i> , <b>2014</b> , 50, 552-558	0.7	5
29	Chloride ion-aided self-assembly of pseudoclathrochelate metal tris-pyrazoloximates. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3062-71	5.1	23
28	Copper(I)- and copper(0)-promoted homocoupling and homocoupling-hydrodehalogenation reactions of dihalogenoclathrochelate precursors for C-C conjugated iron(II) bis-cage complexes. <i>Dalton Transactions</i> , <b>2014</b> , 43, 17934-48	4.3	23
27	Identification of [1,3]dithiolo[4,5-d]dithiazolyl radicals by in situ EPR spectroscopy and cyclic voltammetry. <i>Tetrahedron</i> , <b>2013</b> , 69, 8790-8797	2.4	3
26	Template synthesis, structure and electropolymerization of the 2-thiopheneboron-capped cobalt(II) clathrochelates. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 29, 160-164	3.1	9
25	Template synthesis, structure and properties of 4-pyridinylboron-capped iron(II) clathrochelate precursors for Bubnov diallylation reaction. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 33, 57-62	3.1	10
24	Structure, spectral and electrochemical properties of the 2,6-di-tert-butylphenol-functionalized iron and cobalt(II) clathrochelates and their phenylsulfide analogs. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 394, 269-281	2.7	14
23	Template synthesis, X-ray structure, spectral and redox properties of the paramagnetic alkylboron-capped cobalt(II) clathrochelates and their diamagnetic iron(II)-containing analogs. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 399, 67-78	2.7	19
22	Iron vs. cobalt clathrochelate electrocatalysts of HER: the first example on a cage iron complex. <i>Dalton Transactions</i> , <b>2013</b> , 42, 4373-6	4.3	36
21	Size matters, so does shape: Inhibition of transcription of T7 RNA polymerase by iron(II) clathrochelates. <i>Journal of Inorganic Biochemistry</i> , <b>2013</b> , 124, 42-5	4.2	39



20	Reactions of the cyclopentadienyl ruthenium complexes (C5R5)Ru(cod)Cl and [(C5R5)Ru(MeCN)3] <sup>+</sup> (R = H, Me) with phenylacetylene and acetic acid: Unexpected difference in reactivity of CpRu and Cp <sup>*</sup> Ru complexes. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 737, 21-25	2.3	6
19	Perfluoroarylation of Iron(II) Di- and Hexaiodoclathrochelates: Synthesis, X-ray Structure, and Properties of the First Cage Complexes with Inherent Pentafluoro-phenyl Substituent(s). <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 3178-3184	2.3	8
18	Synthesis, spectra and properties of the first protono- and ionogenic tris-dioximate iron(II) clathrochelates. <i>Polyhedron</i> , <b>2012</b> , 40, 32-39	2.7	21
17	Tetramethylcyclobutadiene)cobalt complexes of protected aromatic amino acids*. <i>Mendeleev Communications</i> , <b>2012</b> , 22, 134-135	1.9	2
16	First Click-Synthesis of the Ribbed-Functionalized Metal Clathrochelates: Cycloaddition of Benzyl Azide to Propargylamine Iron(II) Macrobicyclic and the Unexpected Transformations of the Resulting Cage Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 4507-4514	2.3	18
15	Insight into the electronic structure, optical properties, and redox behavior of the hybrid phthalocyaninoclathrochelates from experimental and density functional theory approaches. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 8362-72	5.1	31
14	Formation of the second superhydrophobic shell around an encapsulated metal ion: synthesis, X-ray structure and electrochemical study of the clathrochelate and bis-clathrochelate iron(II) and cobalt(II, III) dioximates with ribbed perfluoroarylsulfide substituents. <i>Dalton Transactions</i> , <b>2012</b> , 41, 737-46	4.3	38
13	Synthesis, structure, properties and immobilization on a gold surface of the monoribbed-functionalized tris-dioximate cobalt(II) clathrochelates and an electrocatalytic hydrogen production from H <sup>+</sup> ions. <i>Dalton Transactions</i> , <b>2012</b> , 41, 6078-93	4.3	52
12	Reactions of dichloro-substituted iron(ii) clathrochelate with 1,4-dioxane radical derivatives: synthesis, structure, and spectral characteristics of the dioxane ring opening product in the ribbed fragment of the macrobicyclic ligand. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 2510-2517	1.7	5
11	New Rhodacarborane-Phosphoramidite Catalyst System for Enantioselective Hydrogenation of Functionalized Olefins and Molecular Structure of the Chiral Catalyst Precursor [3,3-{(S)-PipPhos}2-3-H-1,2-(o-xylylene)-closo-3,1,2-RhC2B9H9]. <i>Organometallics</i> , <b>2011</b> , 30, 1942-1950	3.8	16
10	New types of the germanium-capped clathrochelate iron(II) and cobalt(III) tris-dioximates: The synthesis, structure and electrochemical properties. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 1043-1047	3.7	15
9	Synthesis, structural and electrochemical features of alicyclic and aromatic N2- and S2-dioximate macrobicyclic cobalt(II,III) and ruthenium(II) tris-complexes. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 370, 322-332	2.7	26
8	Tris-Dioximate Cobalt(I,II,III) Clathrochelates: Stabilization of Different Oxidation and Spin States of an Encapsulated Metal Ion by Ribbed Functionalization. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 5401-5415	2.3	66
7	(Mesitylene)ruthenium E-complexes with benzo-15-crown-5 and dibenzo-18-crown-6. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 1200-1204	2.3	3
6	Identification of the [1,3]dithiolo[4,5-d]dithiazolyl radical. <i>Mendeleev Communications</i> , <b>2010</b> , 20, 80-82	1.9	3
5	Synthesis, X-ray structures and properties of the first tris-dioximate cobalt clathrochelates with nonequivalent chelate ribbed fragments. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 5144-5150	2.7	10
4	About mechanism of chitosan cross-linking with glutaraldehyde. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2009</b> , 35, 360-369	1	124
3	A New Approach to the Photochemically Controlled Crown Ethers: (Tetramethylcyclobutadiene)cobalt Complexes with Benzo-15-Crown-5 and Dibenzo-18-Crown-6. <i>Organometallics</i> , <b>2008</b> , 27, 3654-3658	3.8	17

2	Interaction of dichloride iron(II) clathrochelate with dimercaptomaleodinitrile: synthesis of the precursor monoribbed-functionalized phthalocyaninoclathrochelates and the unexpected formation of a new thiophene-containing heterocyclic system in the ribbed chelate fragment of the clathrochelate framework. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 2155-61	5.1	27
1	Selective Binding of the Keto Form of Acetylacetone by Cyclic Trimeric Perfluoro-o-phenylenemercury. Quantitative Shift of the Keto/Enol Equilibrium in Acetylacetone Toward Its Keto Form Stabilized by the Complexation. <i>Organometallics</i> , <b>2006</b> , 25, 6155-6158	3.8	13