

Valentin V Novikov

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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	A Trigonal Prismatic Mononuclear Cobalt(II) Complex Showing Single-Molecule Magnet Behavior. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9792-5	16.4	228
108	About mechanism of chitosan cross-linking with glutaraldehyde. <i>Russian Journal of Bioorganic Chemistry</i> , 2009 , 35, 360-369	1	124
107	Polymorphism in a Cobalt-Based Single-Ion Magnet Tuning Its Barrier to Magnetization Relaxation. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 4111-4116	6.4	76
106	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> , 2010 , 2010, 5401-5415	2.3	66
105	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 ⁺ ions. <i>Dalton Transactions</i> , 2012 , 41, 6078-93	4.3	52
104	Transition Ion Strikes Back: Large Magnetic Susceptibility Anisotropy in Cobalt(II) Clathrochelates. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 3799-803	6.4	51
103	Spin-Crossover Anticooperativity Induced by Weak Intermolecular Interactions. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 496-500	6.4	39
102	Size matters, so does shape: Inhibition of transcription of T7 RNA polymerase by iron(II) clathrochelates. <i>Journal of Inorganic Biochemistry</i> , 2013 , 124, 42-5	4.2	39
101	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> , 2012 , 41, 737-45	4.3	38
100	Iron vs. cobalt clathrochelate electrocatalysts of HER: the first example on a cage iron complex. <i>Dalton Transactions</i> , 2013 , 42, 4373-6	4.3	36
99	Trigonal Prismatic Tris-pyridineoximate Transition Metal Complexes: A Cobalt(II) Compound with High Magnetic Anisotropy. <i>Inorganic Chemistry</i> , 2017 , 56, 6943-6951	5.1	35
98	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> , 2015 , 54, 5827-38	5.1	35
97	Probing Spin Crossover in a Solution by Paramagnetic NMR Spectroscopy. <i>Inorganic Chemistry</i> , 2017 , 56, 14759-14762	5.1	33
96	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> , 2012 , 51, 8362-72	5.1	31
95	Detailed electronic structure of a high-spin cobalt(ii) complex determined from NMR and THz-EPR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 8201-8204	3.6	27
94	First iron and cobalt(II) hexabromoclathrochelates: structural, magnetic, redox, and electrocatalytic behavior. <i>Dalton Transactions</i> , 2015 , 44, 2476-87	4.3	27
93	Recent advances in biological applications of cage metal complexes. <i>RSC Advances</i> , 2015 , 5, 72621-72637	3.7	27

92	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> , 2008 , 47, 2155-61	5.1	27
91	Synthesis, structural and electrochemical features of alicyclic and aromatic π -N2- and-S2-dioximate macrobicyclic cobalt(II,III) and ruthenium(II) tris-complexes. <i>Inorganica Chimica Acta</i> , 2011 , 370, 322-332	2.7	26
90	Copper-promoted reductive homocoupling of quasi-aromatic iron(II) clathrochelates: boosting the inhibitory activity in a transcription assay. <i>Chemical Communications</i> , 2014 , 50, 3166-8	5.8	25
89	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> , 2017 , 42, 27845-27850	6.7	24
88	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> , 2018 , 152, 61-72	2.7	24
87	Chloride ion-aided self-assembly of pseudoclathrochelate metal tris-pyrazoloximates. <i>Inorganic Chemistry</i> , 2014 , 53, 3062-71	5.1	23
86	Selective ruthenium labeling of the tryptophan residue in the bee venom Peptide melittin. <i>Chemistry - A European Journal</i> , 2015 , 21, 4923-5	4.8	23
85	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> , 2014 , 43, 17934-48	4.3	23
84	Synthesis, spectra and properties of the first protono- and ionogenic tris-dioximate iron(II) clathrochelates. <i>Polyhedron</i> , 2012 , 40, 32-39	2.7	21
83	The synthesis of sterically hindered amines by a direct reductive amination of ketones. <i>Chemical Communications</i> , 2016 , 52, 1397-400	5.8	20
82	Crosslinking of Chitosan with Dialdehyde Derivatives of Nucleosides and Nucleotides. Mechanism and Comparison with Glutaraldehyde. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2016 , 35, 114-29	1.4	19
81	Transfer hydrogenation of ketones catalyzed by surface-active ruthenium and rhodium complexes in water. <i>Chemistry - A European Journal</i> , 2014 , 20, 846-54	4.8	19
80	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> , 2013 , 399, 67-78	2.7	19
79	A Trigonal Prismatic Cobalt(II) Complex as a Single Molecule Magnet with a Reduced Contribution from Quantum Tunneling. <i>ChemPhysChem</i> , 2019 , 20, 1001-1005	3.2	18
78	First Click-Synthesis of the Ribbed-Functionalized Metal Clathrochelates: Cycloaddition of Benzyl Azide to Propargylamine Iron(II) Macrobicycle and the Unexpected Transformations of the Resulting Cage Complex. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4507-4514	2.3	18
77	Preparation, X-ray Structures, Spectroscopic, and Redox Properties of Di- and Trinuclear Iron-Zirconium and Iron-Hafnium Porphyrinoclathrochelates. <i>Inorganic Chemistry</i> , 2016 , 55, 11867-11882 ^{5.1}	5.1	17
76	A New Approach to the Photochemically Controlled Crown Ethers: (Tetramethylcyclobutadiene)cobalt Complexes with Benzo-15-Crown-5 and Dibenzo-18-Crown-6 \square <i>Organometallics</i> , 2008 , 27, 3654-3658	3.8	17
75	Towards the Molecular Design of Spin-Crossover Complexes of 2,6-Bis(pyrazol-3-yl)pyridines. <i>Chemistry - A European Journal</i> , 2020 , 26, 5629-5638	4.8	16

74	New RhodacarboranePhosphoramidite 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-xylene)-closo-3,1,2-RhC2B9H9]. <i>Organometallics</i> , 2011 , 30, 1942-1950	3.8	16
73	Synthesis of the first morpholine-containing iron(II) clathrochelates: A new class of efficient functionalized transcription inhibitors. <i>Inorganica Chimica Acta</i> , 2014 , 421, 300-306	2.7	15
72	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> , 2011 , 14, 1043-1047	3.1	15
71	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> , 2013 , 394, 269-281	2.7	14
70	Metallosiloxanes containing period 5 transition metals: synthesis and X-ray studies of three cadmium siloxanes. <i>Mendeleev Communications</i> , 2016 , 26, 344-346	1.9	14
69	Very Large Magnetic Anisotropy of Cage Cobalt(II) Complexes with a Rigid Cholesteryl Substituent from Paramagnetic NMR Spectroscopy. <i>ACS Omega</i> , 2018 , 3, 4941-4946	3.9	13
68	Selective Binding of the Keto Form of Acetylacetone by Cyclic Trimeric Perfluoro-o-phenylenemercury. Quantitative Shift of the KetoEnol Equilibrium in Acetylacetone Toward Its Keto Form Stabilized by the Complexation. <i>Organometallics</i> , 2006 , 25, 6155-6158	3.8	13
67	Synthesis, structure and reactivity of iron(II) clathrochelates with terminal formyl (acetal) groups. <i>Inorganica Chimica Acta</i> , 2016 , 440, 154-164	2.7	12
66	Synthesis, X-ray structure and electrochemical properties of hybrid binuclear metallophthalocyaninate-capped tris-pyridineoximates. <i>New Journal of Chemistry</i> , 2017 , 41, 3251-3259	3.6	11
65	Molecular design of cage iron(II) and cobalt(II,III) complexes with a second fluorine-enriched superhydrophobic shell. <i>Dalton Transactions</i> , 2015 , 44, 3773-84	4.3	11
64	Intramolecular Spin State Locking in Iron(II) 2,6-Di(pyrazol-3-yl)pyridine Complexes by Phenyl Groups: An Experimental Study. <i>Magnetochemistry</i> , 2018 , 4, 46	3.1	11
63	New Spin-Crossover Complexes of Substituted 2,6-Bis(pyrazol-3-yl)pyridines. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2819-2829	2.3	10
62	Synthesis and characterization of an Fe(I) cage complex with high stability towards strong H-acids. <i>Chemical Communications</i> , 2018 , 54, 3436-3439	5.8	10
61	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> , 2016 , 2016, 5271-5280	2.3	10
60	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> , 2018 , 482, 90-98	2.7	10
59	Template synthesis, structure and properties of 4-pyridinylboron-capped iron(II) clathrochelate precursors for Bubnov diallylation reaction. <i>Inorganic Chemistry Communication</i> , 2013 , 33, 57-62	3.1	10
58	Synthesis, X-ray structures and properties of the first tris-dioximate cobalt clathrochelates with nonequivalent chelate ribbed fragments. <i>Inorganica Chimica Acta</i> , 2009 , 362, 5144-5150	2.7	10
57	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> , 2020 , 59, 10746-10755	5.1	10

56	Determination of Large Zero-Field Splitting in High-Spin Co(I) Clathrochelates. <i>Inorganic Chemistry</i> , 2018 , 57, 15330-15340	5.1	10
55	Transformations of wormlike surfactant micelles induced by a water-soluble monomer. <i>Journal of Colloid and Interface Science</i> , 2021 , 602, 590-601	9.3	10
54	Synthesis and studies of symmetric dibenzothienylcyclopentenes. <i>Tetrahedron</i> , 2015 , 71, 584-598	2.4	9
53	NMR Search for Spin-Crossover in Heteroleptic Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 7700-7709	5.7	9
52	Template synthesis, structure and electropolymerization of the 2-thiopheneboron-capped cobalt(II) clathrochelates. <i>Inorganic Chemistry Communication</i> , 2013 , 29, 160-164	3.1	9
51	Perfluoroarylation of Iron(II) Di- and Hexaiodoclathrochelates: Synthesis, X-ray Structure, and Properties of the First Cage Complexes with Inherent Pentafluorophenyl Substituent(s). <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3178-3184	2.3	8
50	Solvothermal Synthesis of the Metal-Organic Framework MOF-5 in Autoclaves Prepared by 3D Printing. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 836-842	1.6	8
49	Polyhedral Rearrangements in the Complexes of Rhodium and Iridium with Isomeric Carborane Anions [7,8-Me ₂ -X-SMe ₂ -7,8-nido-C ₂ B ₉ H ₈][X = 9 and 10]. <i>Organometallics</i> , 2017 , 36, 791-800	3.8	7
48	Regio- and stereoselective [2+2] photocycloaddition in Ba ²⁺ templated supramolecular dimers of styryl-derivatized aza-heterocycles. <i>Dyes and Pigments</i> , 2017 , 139, 397-402	4.6	7
47	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> , 2020 , 12, 3010-3021	5.2	7
46	Coordination [Co] and [CoZn] Helicates Showing Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2019 , 58, 9562-9566	5.1	7
45	A New Series of Cobalt and Iron Clathrochelates with Perfluorinated Ribbed Substituents. <i>ACS Omega</i> , 2017 , 2, 6852-6862	3.9	7
44	Cucurbit[7]uril-driven modulation of ligand-DNA interactions by ternary assembly. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 755-766	3.9	7
43	Synthesis, structure and ADMET properties of the monoribbed-functionalized iron(II) clathrochelates with terminal DNA-relevant groups. <i>Inorganica Chimica Acta</i> , 2016 , 448, 7-15	2.7	7
42	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> , 2018 , 44, 489-495	1.6	7
41	Synthesis and electrochemical behaviour of rigid ferrocenyl-terminated pyridylphenylene dendrimers. <i>Polymer</i> , 2019 , 173, 34-42	3.9	6
40	Reactions of the cyclopentadienyl ruthenium complexes (C ₅ R ₅)Ru(cod)Cl and [(C ₅ R ₅)Ru(MeCN) ₃] ⁺ (R = H, Me) with phenylacetylene and acetic acid: Unexpected difference in reactivity of CpRu and Cp* ₂ Ru complexes. <i>Journal of Organometallic Chemistry</i> , 2013 , 737, 21-25	2.3	6
39	Invariom approach to electron density studies of open-shell compounds: the case of an organic nitroxide radical. <i>RSC Advances</i> , 2016 , 6, 91694-91710	3.7	6

38	Enhancement of 1T-MoS ₂ Superambient Temperature Stability and Hydrogen Evolution Performance by Intercalating a Phenanthroline Monolayer. <i>ChemNanoMat</i> , 2021 , 7, 447-456	3.5	6
37	Template synthesis and X-ray structure of the tris-glyoximate iron(II) clathrochelates with terminal reactive groups. <i>Inorganica Chimica Acta</i> , 2016 , 453, 210-221	2.7	5
36	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> , 2014 , 50, 552-558	0.7	5
35	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> , 2011 , 60, 2510-2517	1.7	5
34	Cooperative effects of ruthenium micellar catalysts and added surfactants in transfer hydrogenation of ketones in water. <i>Catalysis Science and Technology</i> , 2015 , 5, 4458-4465	5.5	4
33	Coordinatively Labile 18-Electron Arene Ruthenium Iminophosphonamide Complexes. <i>Chemistry - A European Journal</i> , 2017 , 23, 15424-15435	4.8	4
32	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> , 2021 , 47, 10-16	1.6	4
31	Photoresponsive dendron-like metallocomplexes of the crown-containing styryl derivatives of 2,2'-bipyridine. <i>Dalton Transactions</i> , 2014 , 43, 769-78	4.3	3
30	Identification of [1,3]dithiolo[4,5-d]dithiazolyl radicals by in situ EPR spectroscopy and cyclic voltammetry. <i>Tetrahedron</i> , 2013 , 69, 8790-8797	2.4	3
29	(Mesitylene)ruthenium π -complexes with benzo-15-crown-5 and dibenzo-18-crown-6. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 1200-1204	2.3	3
28	Identification of the [1,3]dithiolo[4,5-d]dithiazolyl radical. <i>Mendeleev Communications</i> , 2010 , 20, 80-82	1.9	3
27	New rhenium(III) semiclathrochelates with biorelevant apical substituents: Synthesis, X-ray structure and reactivity. <i>Inorganic Chemistry Communication</i> , 2016 , 72, 23-29	3.1	3
26	A New Single-Molecule Magnet Based on a Cage Cobalt(II) Complex. <i>Russian Journal of Inorganic Chemistry</i> , 2019 , 64, 1532-1537	1.5	3
25	Unpredictable cycloisomerization of 1,11-dien-6-yne by a common cobalt catalyst. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 639-643	2.5	2
24	Pseudoclathrochelate n-hexadecylboron-capped metal(II) tris-pyrazoloximates: synthesis, X-ray structure, spectral and magnetic characteristics. <i>Inorganica Chimica Acta</i> , 2018 , 471, 413-418	2.7	2
23	Cluster [Co ₃ (CO) ₃ (η^2 -CO) ₃ (η^3 -C ₈ H ₈)] ₃ as a Ligand: Experimental and Theoretical Study. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 5663-5669	2.3	2
22	Tetramethylcyclobutadiene)cobalt complexes of protected aromatic amino acids*. <i>Mendeleev Communications</i> , 2012 , 22, 134-135	1.9	2
21	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> , 2020 , 46, 756-761	1.6	2

20	Modern physical methods for molecular design of single-molecule magnets. <i>Russian Chemical Reviews</i> , 2021 , 90, 1330-1358	6.8	2
19	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> , 2018 , 42, 56-66	3.6	2
18	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> , 2021 , 11, 922	2.3	2
17	Heteroleptic copper(II) complexes with 2-bromo-5-methylpyridine: Structures, features of non-covalent interactions and magnetic behavior. <i>Inorganica Chimica Acta</i> , 2020 , 502, 119333	2.7	1
16	Composite Materials Manufactured by Photopolymer 3D Printing with Metal-Organic Frameworks. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 319-325	1.6	1
15	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> , 2016 , 445, 103-109	2.7	1
14	Intramolecular self-alkylation reaction of an iron(II) dichloroclathrochelate caused cyclization and methylation in its chelate ribbed fragment. <i>Inorganic Chemistry Communication</i> , 2016 , 67, 80-84	3.1	1
13	Calcium-based coordination polymers from a solvothermal synthesis of HKUST-1 in 3D printed autoclaves. <i>Mendeleev Communications</i> , 2022 , 32, 105-108	1.9	1
12	Room-Temperature Spin Crossover in a Solution of Iron(II) Complexes with ,'-Disubstituted Bis(pyrazol-3-yl)pyridines.. <i>ACS Omega</i> , 2021 , 6, 33111-33121	3.9	0
11	Revealing the Structure of Transition Metal Complexes of Formaldoxime. <i>Inorganic Chemistry</i> , 2021 , 60, 5523-5537	5.1	0
10	First Iron(II) Clathrochelate with a Temperature-Induced Spin Crossover to an Elusive High-Spin State. <i>Crystal Growth and Design</i> , 2021 , 21, 4594-4606	3.5	0
9	Spin Transition in the Cobalt(II) Clathrochelate Films From Electron Spectroscopy Data. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 52-57	1.6	0
8	Phosphite-containing iridium polarization transfer catalysts for NMR signal amplification by reversible exchange. <i>Mendeleev Communications</i> , 2021 , 31, 475-477	1.9	0
7	Ruthenium-catalyzed dimerization of CF3-containing functional allenes. <i>Journal of Organometallic Chemistry</i> , 2021 , 951, 121998	2.3	0
6	Iron(II) Clathrochelates in Molecular Spintronic Devices: A Vertical Spin Valve. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2022 , 48, 33-40	1.6	0
5	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> , 2022 , 48, 195-200	1.6	0
4	Metal-Organic framework ZIF-8 loaded with rhodium nanoparticles as a catalyst for hydroformylation. <i>Mendeleev Communications</i> , 2022 , 32, 320-322	1.9	0
3	Dynamic properties of water in swollen hypercrosslinked polystyrenes, according to NMR relaxation and diffusion data. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 1414-1418	0.7	

- 2 Unravelling of a [High Spin] ↔ [Low Spin] ↔ [Low Spin] ↔ [High Spin] Equilibrium in Spin-Crossover Iron(II) Dinuclear Helicates Using Paramagnetic NMR Spectroscopy. *Angewandte Chemie*, **2022**, 134, e202110310^{3,6}
- 1 Multi-component interaction between bisstyryl dyes and cucurbit[7]uril. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2020**, 98, 249-259 1.7