Andrey G Starikov

List of Publications by Year
in descending order

152	1,653	331670	454955
papers	citations	21 h-index	30 g-index

152	152	152	1095
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Poly[n]prismanes:Â A Family of Stable Cage Structures with Half-Planar Carbon Centers. Journal of Organic Chemistry, 2003, 68, 8588-8594.	3.2	64
2	Planar and Pyramidal Tetracoordinate Carbon in Organoboron Compounds. Journal of Organic Chemistry, 2005, 70, 6693-6704.	3.2	56
3	Heptacoordinated Carbon and Nitrogen in a Planar Boron Ring. Doklady Chemistry, 2002, 382, 41-45.	0.9	43
4	Synthesis, Molecular and Electronic Structures of Six-Coordinate Transition Metal (Mn, Fe, Co, Ni,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2011, 50, 7022-7032.	4.0	41
5	Computational insight into magnetic behavior and properties of the transition metal complexes with redox-active ligands: a DFT approach. Pure and Applied Chemistry, 2018, 90, 811-824.	1.9	41
6	A Quantum Chemical Study of Bis-(iminoquinonephenolate) Zn(II) Complexes. Journal of Physical Chemistry A, 2010, 114, 7780-7785.	2.5	36
7	A DFT computational study of the magnetic behaviour of cobalt dioxolene complexes of tetraazamacrocyclic ligands. Computational and Theoretical Chemistry, 2018, 1124, 15-22.	2.5	36
8	Adducts of cobalt(ii) bis(salicylaldiminates) and redox-active phenoxazin-1-one: synthesis, structure, and magnetic properties. Russian Chemical Bulletin, 2013, 62, 1744-1751.	1.5	34
9	Tautomeric crown-containing chemosensors for alkali-earth metal cations. Tetrahedron, 2008, 64, 3160-3167.	1.9	33
10	Valence tautomeric dinuclear adducts of Co(<scp>ii</scp>) diketonates with redox-active diquinones for the design of spin qubits: computational modeling. Dalton Transactions, 2015, 44, 1982-1991.	3.3	33
11	Cobalt complexes with hemilabileo-iminobenzoquinonate ligands: a novel example of redox-induced electron transfer. Dalton Transactions, 2018, 47, 15049-15060.	3.3	33
12	UiO-66 type MOFs with mixed-linkers - 1,4-Benzenedicarboxylate and 1,4-naphthalenedicarboxylate: Effect of the modulator and post-synthetic exchange. Microporous and Mesoporous Materials, 2020, 305, 110324.	4.4	33
13	Indirect Magnetic Exchange between o-Iminosemiquinonate Ligands Controlled by Apical Substituent in Pentacoordinated Gallium(III) Complexes. Inorganic Chemistry, 2015, 54, 6090-6099.	4.0	28
14	Intramolecular spin state switching mechanisms of transition metal complexes. Russian Chemical Bulletin, 2015, 64, 475-497.	1.5	28
15	Theoretical modeling of the square-planar to tetrahedral isomerization of bis-chelate nickel(II) complexes. Chemical Physics Letters, 2008, 459, 27-32.	2.6	27
16	Quantum-chemical study of valence tautomerism of a cobalt complex with phenoxybenzoquinone imine. Doklady Chemistry, 2010, 435, 319-323.	0.9	27
17	Quantum chemical modeling of magnetically bistable metal coordination compounds. Synchronization of spin crossover, valence tautomerism and charge transfer induced spin transition mechanisms. Dalton Transactions, 2016, 45, 12103-12113.	3.3	25
18	Quantum-chemical study of spin crossover in cobalt complexes with an o-benzoquinone ligand. Doklady Chemistry, 2016, 467, 83-87.	0.9	24

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19	Synthesis and structure of N-arylimines of Î²-tellurocyclohexenals with the intramolecular coordination Nâ†'Te bonds. Journal of Organometallic Chemistry, 2005, 690, 103-116.	1.8	22
20	New method for the synthesis of Î²-tropolones: Structures of condensation products of o-quinones with 2-methylquinolines and the mechanism of their formation. Russian Chemical Bulletin, 2006, 55, 2032-2055.	1.5	22
21	Recognition of SÂ·Â·Â·Cl Chalcogen Bonding in Metal-Bound Alkylthiocyanates. Crystal Growth and Design, 2016, 16, 2979-2987.	3.0	22
22	Insight into the Electron Density Distribution in an O,Nâ€Heterocyclic Stannylene by Highâ€Resolution Xâ€ray Diffraction Analysis. European Journal of Inorganic Chemistry, 2019, 2019, 875-884.	2.0	22
23	Theoretical modeling of valence tautomeric dinuclear cobalt complexes. Adducts of Co^{II}diketonates with cyclic redox-active tetraone ligands. Dalton Transactions, 2015, 44, 17819-17828.	3.3	21
24	Some aspects of the formation and structural features of low nuclearity heterometallic carboxylates. Pure and Applied Chemistry, 2020, 92, 1093-1110.	1.9	21
25	Theoretical modeling of enantiomerization mechanisms of tetrahedral bis-(Î²-diiminato) Ni(II) complexes. Computational and Theoretical Chemistry, 2009, 895, 138-141.	1.5	20
26	Pentacoordinated cloro-bis-o-iminosemiquinonato Mn and Fe complexes. Journal of Molecular Structure, 2018, 1165, 51-61.	3.6	20
27	Tetrahedral nickel(ii) and cobalt(ii) bis-o-iminobenzosemiquinonates. Dalton Transactions, 2019, 48, 10723-10732.	3.3	20
28	Compactly Fused oâ€Quinoneâ€Extended Tetrathiafulvaleneâ€oâ€Quinone Triad â€“ a Redoxâ€Amphoteric Ligand. European Journal of Organic Chemistry, 2014, 2014, 4571-4576.	2.4	19
29	The chemical and electrochemical reduction of heteroligand o-semiquinonato-formazanato cobalt complexes. Inorganica Chimica Acta, 2019, 489, 1-7.	2.4	19
30	Planar Four-Coordinate Carbon in Star-Like Perlithioannulenes C n Li n (n = 3â€“6). Russian Journal of Organic Chemistry, 2005, 41, 1289-1295.	0.8	18
31	Electronic structure and magnetic properties of the triangular nanographenes with radical substituents: a DFT study. Physical Chemistry Chemical Physics, 2020, 22, 1288-1298.	2.8	18
32	Low-valent oligogermanium amidophenolate complex comprising a unique Ge4 chain. Mendeleev Communications, 2020, 30, 205-208.	1.6	18
33	Metal complexes with azomethines containing the isomeric E-Z azo fragments. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 479-489.	1.0	17
34	Sn(IV) complexes with bi- and tridentate phenoxazin-1-one ligands: Synthesis, structure and magnetic properties. Inorganica Chimica Acta, 2014, 418, 66-72.	2.4	17
35	Cobalt diketonate adducts with redox-active diiminosuccinonitriles. Mendeleev Communications, 2014, 24, 329-331.	1.6	16
36	Preparation and reactivity of metal-containing monomers. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1990, 39, 674-679.	0.0	15

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37	A hydrocarbon dication with nonplanar hexacoordinated carbon. Mendeleev Communications, 2004, 14, 47-48.	1.6	15
38	Sandwich Compounds of Transition Metals with Cyclopolyenes and Isolobal Boron Analogues. Chemistry - A European Journal, 2010, 16, 2272-2281.	3.3	15
39	Valence tautomeric complexes of cobalt diketonates with Diimines: A quantum-chemical study. Doklady Chemistry, 2011, 440, 289-293.	0.9	15
40	Photoswitchable dihetarylethene chemosensors for the selective â€˜naked-eyeâ€™ detection of fluoride anions. Tetrahedron, 2015, 71, 8817-8822.	1.9	15
41	Influence of structural factors on the magnetic properties of the binuclear copper complexes with salicylaldehyde hydrazone and bis(hydrazone)-2,6-diformylphenol: Quantum-chemical calculations. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 616-620.	1.0	14
42	Metal-ligand ferromagnetic exchange interactions in heteroligand bis-o-semiquinonato nickel complexes with 2,2â€²-dipyridine and 1,10-phenanthroline. Polyhedron, 2019, 158, 262-269.	2.2	14
43	Polymers containing metal chelate units. IV. Immobilised complexes of transition metal acrylates with 2,2â€²-dipyridyl and 1,10-phenanthroline. Reactive & Functional Polymers, 1989, 11, 221-226.	0.8	13
44	Structure and magnetic properties of bis-o-benzosemiquinonato zinc complexes. Polyhedron, 2015, 102, 715-721.	2.2	13
45	Quantum chemical modeling of pyrene-4,5-dione adducts with cobalt diketonates. Computational and Theoretical Chemistry, 2016, 1076, 74-80.	2.5	13
46	Acene-Linked Zethrenes and Bisphenalenyls: A DFT Search for Organic Tetraradicals. Journal of Physical Chemistry A, 2021, 125, 6562-6570.	2.5	13
47	Structure and stability of closo-hexaboranes and their heteroanalogs. Russian Chemical Bulletin, 2004, 53, 1159-1167.	1.5	12
48	Sandwich compounds with central hypercoordinate carbon, nitrogen, and oxygen: A quantum-chemical study. Heteroatom Chemistry, 2006, 17, 464-474.	0.7	12
49	Quantum-chemical study of endohedral fullerenes. Russian Journal of General Chemistry, 2008, 78, 793-810.	0.8	12
50	Valence tautomerism of a manganese complex with phenoxybenzoquinone imine ligands: A quantum-chemical study. Doklady Chemistry, 2011, 441, 365-370.	0.9	12
51	Spin crossover in monoadducts of Co(Salen) with pyridine and imidazole: a quantum chemical study. Structural Chemistry, 2014, 25, 1865-1871.	2.0	12
52	A biradical chelate Zn(II) complex with phenoxazin-1-one ligands. Inorganica Chimica Acta, 2014, 410, 144-149.	2.4	12
53	Hypercoordinated carbon in endohedral hydrocarbon cage complexes C@C20H 20 4â^' and C@C20H20 Â· Li4. Doklady Chemistry, 2006, 407, 47-50.	0.9	11
54	Carbon and silicon triangulenes: searching for molecular magnets. Russian Chemical Bulletin, 2011, 60, 1517-1524.	1.5	11

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55	Tetranuclear Cu(II) and Ni(II) complexes with 1,3,5-triketone ligands: A quantum-chemical simulation of exchange interactions. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 487-495.	1.0	11
56	Computational insight into magnetic behaviour of cobalt tris(2-pyridylmethyl)amine complexes with dioxolenes incorporating stable radicals. Chemical Physics Letters, 2021, 762, 138128.	2.6	11
57	Octacoordinated Carbon in a Boron-Carbon Cage. Doklady Chemistry, 2005, 404, 193-198.	0.9	10
58	DFT Computational Design of a Ligandâ€Driven Lightâ€Induced Mechanism for Spinâ€State Switching. European Journal of Inorganic Chemistry, 2013, 2013, 4203-4219.	2.0	10
59	Theoretical modeling of photocontrolled spin crossover in Fe(II) phenanthroline complexes. Doklady Chemistry, 2015, 460, 5-9.	0.9	10
60	Protonated paramagnetic redox forms of di-o-quinone bridged with p-phenylene-extended TTF: A EPR spectroscopy study. Beilstein Journal of Organic Chemistry, 2016, 12, 2450-2456.	2.2	10
61	Quantum chemical modeling of valence tautomeric adducts of CoII bischelates with pyrene-4,5-diimines. Russian Chemical Bulletin, 2017, 66, 208-221.	1.5	10
62	The structurally variable network of spin couplings and migrating paramagnetic centers in binuclear o-quinone Co^{II} complexes with biradical acene linkers: a computational DFT study. Dalton Transactions, 2018, 47, 15948-15956.	3.3	10
63	Effect of the counterion on the steric and electronic structure of pyrylium cation. Russian Journal of General Chemistry, 2007, 77, 1373-1385.	0.8	9
64	Extended organoboron structures containing several planar tetracoordinate carbon atoms. Doklady Chemistry, 2008, 419, 101-107.	0.9	9
65	Photochromism of novel [1]benzothien-2-yl fulgides. Tetrahedron, 2016, 72, 5776-5782.	1.9	9
66	Light-controlled spin-state-switching rearrangements of transition metal complexes with photochromic ligands. Pure and Applied Chemistry, 2017, 89, 985-1005.	1.9	9
67	Dispersion interactions in oligomerization of metal diketonates: a DFT evaluation. Chemical Papers, 2018, 72, 829-839.	2.2	9
68	Induced aromaticity. Russian Chemical Bulletin, 2001, 50, 2325-2335.	1.5	8
69	Quantum-chemical study of intramolecular spin-forbidden rearrangements of the transition metal chelate complexes. Russian Journal of General Chemistry, 2009, 79, 2792-2806.	0.8	8
70	Hybrid carbon-silicon triangulenes. Doklady Chemistry, 2013, 448, 23-28.	0.9	8
71	Germanium, carbonâ€germanium, and siliconâ€germanium triangulenes. Journal of Computational Chemistry, 2015, 36, 2193-2199.	3.3	8
72	Synthesis and studies of new photochromic spiropyrans containing a formylcoumarin fragment. Russian Chemical Bulletin, 2016, 65, 944-951.	1.5	8

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73	Valence-tautomeric adducts of Co(II) diketonates based on annelated di-o-quinones: Computer simulation. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 197-205.	1.0	8
74	Quantum chemical study of binuclear adducts of cobalt azomethine complexes with pyrene-4,5,9,10-tetraimine. Russian Chemical Bulletin, 2017, 66, 1543-1549.	1.5	8
75	Magnetic Properties of Acenes and Their o-Quinone Derivatives: Computer Simulation. Doklady Chemistry, 2018, 478, 21-25.	0.9	8
76	Metal-containing monomers. Part 2*. Metal chelate monomers based on 1-phenyl-4-methylpent-4-en-1,3-dione. Transition Metal Chemistry, 1992, 17, 458-463.	1.4	7
77	Quantum-chemical modeling of metal coordination compounds with photoswitchable magnetic properties controlled by ligand rearrangements. Theoretical and Experimental Chemistry, 2011, 46, 363-370.	0.8	7
78	Computational modeling of spin crossover phenomenon in adducts of iron bis-chelates with o-diiminobenzoquinones. Russian Chemical Bulletin, 2016, 65, 1464-1472.	1.5	7
79	EPR spectroscopy study of di-o-quinone bridged by Ї€-extended TTF: redox behavior and binding modes as a ligand. New Journal of Chemistry, 2016, 40, 1244-1249.	2.8	7
80	Dual magnetic behavior of Co(II) and Fe(II) bis(chelate) adducts with Di-o-diiminobenzoquinone: Quantum chemical modeling. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 718-726.	1.0	7
81	Stabilization of the glycine zwitterionic form by complexation with Na+ and Clâ^': an ab initio study. Mendeleev Communications, 2000, 10, 43-44.	1.6	6
82	Effective pH sensors based on 1-(anthracen-9-ylmethyl)-1H-benzimidazol-2-amine. Chemistry of Heterocyclic Compounds, 2012, 47, 1230-1236.	1.2	6
83	Computational modeling of LD LISC and LIESST rearrangements of a Fe(II) complex with phenanthroline modified by photochromic chromene. Doklady Chemistry, 2016, 468, 152-155.	0.9	6
84	o-Quinone phenalenyl derivatives as expedient ligands for the design of magnetically active metal complexes: A computational study. Chemical Physics Letters, 2020, 740, 137073.	2.6	6
85	Ї€-Complexes of transition metal tricarbonyls with cyclopolyenes and their boron analogs. Russian Chemical Bulletin, 2009, 58, 691-705.	1.5	5
86	Structure and stability of the mixed polymolecular complexes of nitrogen and carbon nonooxide: A quantum chemical study. Russian Journal of General Chemistry, 2011, 81, 807-818.	0.8	5
87	Computational modeling of chelating properties of quinoline spiropyrans. Doklady Chemistry, 2013, 453, 263-267.	0.9	5
88	Theoretical DFT modeling of the structure of nickel(II) bis(chelate) complexes based on aromatic azomethines. Doklady Chemistry, 2014, 458, 181-184.	0.9	5
89	Quantum-chemical model for the formation of the coordination mode structure of Be(II), Ni(II), Pd(II), Pt(II), and Hg(II) bis(chelate) complexes with polydentate azomethine ligands. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 421-427.	1.0	5
90	Adducts of tetracoordinate cobalt(II) complexes and 1-(pyridin-2-yl)methanimine: Computational search for valence tautomeric systems. Russian Journal of General Chemistry, 2016, 86, 859-864.	0.8	5

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91	Supermolecular design: From molecules to solid states. International Journal of Quantum Chemistry, 2016, 116, 259-264.	2.0	5
92	Quantum chemical study of the adducts of azomethine cobalt complexes with acenaphthene-1,2-diimines. Russian Journal of General Chemistry, 2017, 87, 98-106.	0.8	5
93	Rational Design of Electronically Labile Dinuclear Fe and Co complexes with 1,10â€Phenanthrolineâ€5,6â€Diimine: A DFT study. Journal of Computational Chemistry, 2019, 40, 2284-2292.	3.3	5
94	Heterospin magnetically active bimetallic Fe and Co complexes of aldiminato-functionalized catechol: a DFT study. Structural Chemistry, 2020, 31, 37-46.	2.0	5
95	Preparation and reactivity of metal-containing monomers. 7. Synthesis and study of transition metal acrylates. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1988, 37, 1346-1351.	0.0	4
96	Pathways of the reactions of nucleophilic addition of H2O and HF molecules to formaldehyde in the gas phase and in the complex with formic acid:ab initio calculations. Russian Chemical Bulletin, 1998, 47, 2078-2086.	1.5	4
97	Theoretical modeling of the molecular and crystal structures and a square-planar to tetrahedral conformational rearrangement of trans-planar bis(N-methylsalicylaldiminato)nickel(II). Mendeleev Communications, 2009, 19, 64-66.	1.6	4
98	X-ray diffraction, magnetochemical, and quantum chemical study of the structure and properties of binuclear copper(II) complexes. Russian Journal of General Chemistry, 2012, 82, 1770-1776.	0.8	4
99	Structure of 4-methyl-N-{2-[2-alkylamino-5-nitrophenyliminomethyl]phenyl}benzenesulfonamides. Crystallography Reports, 2013, 58, 437-441.	0.6	4
100	Quantum chemical study of photomagnetic properties of Ni(II) monochelates with chromenes. Doklady Chemistry, 2015, 462, 118-122.	0.9	4
101	Quantum-chemical simulation of structure of bischelate Ni(II) complexes based on cyclic analogs of azomethines. Russian Journal of General Chemistry, 2015, 85, 1698-1705.	0.8	4
102	Benzenoid-quinoid tautomerism of azomethines and their structural analogs 56. Azomethine imines, derivatives of salicylic and 2-hydroxynaphthoic aldehydes. Russian Chemical Bulletin, 2016, 65, 648-653.	1.5	4
103	Quantum chemical simulation of trans- and cis-isomers of bis-chelate azomethine complexes of Ni(II), Pd(II), and Pt(II) with the MN2Y2 (Y = O, S, Se) coordination core. Journal of Structural Chemistry, 2016, 57, 431-436.	1.0	4
104	New fluorogenic chemosensors derived from benzimidazole. Chemistry of Heterocyclic Compounds, 2017, 53, 179-185.	1.2	4
105	Synthesis and redox activity of the ruthenium complexes based on 9-hydroxy-2,4,6,8-tetra-(tert.-butyl)phenoxazin-1-one ligands. Inorganica Chimica Acta, 2019, 484, 430-436.	2.4	4
106	Synthesis, Staructure and Redox Properties of Cu(II) Chelate Complexes on the Basis of 2â€(Hydroxyphenyl)â€1Hâ€benzo[d]imidazolâ€1â€yl Phenol Ligands. European Journal of Inorganic Chemistry, 2021, 2021, 2055-2062.	2.0	4
107	Spin transitions in ferric catecholate complexes mediated by outer-sphere counteranions. Dalton Transactions, 2022, 51, 10909-10919.	3.3	4
108	Preparation and reactivity of metal-containing monomers. 13. Complexes of transition metals with methacroylacetophenone. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1990, 39, 388-391.	0.0	3

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109	Preparation and reactivity of metal-containing monomers. 17. Spatial and electronic structure of complexes of cobalt nitrate and chloride with acrylamide. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1990, 39, 1185-1189.	0.0	3
110	Spiroconjugation Energy of Spiroheterocyclic Structures. Doklady Chemistry, 2004, 396, 99-102.	0.9	3
111	Photoisomerization of quinolin-2-yl derivatives of Î²-tropolone. Russian Chemical Bulletin, 2006, 55, 484-491.	1.5	3
112	Hydrogen bond in FHâ€¦FM (M = Li, Na, K) dimers: Nonempirical calculations. Russian Journal of Physical Chemistry A, 2007, 81, 1100-1103.	0.6	3
113	Cooperative effects in polymolecular nitrogen clusters. Russian Chemical Bulletin, 2008, 57, 2037-2044.	1.5	3
114	Hypercoordination of first-row elements in heteroanalogues of prismanes and propellanes. Doklady Chemistry, 2008, 422, 255-259.	0.9	3
115	Quantum chemical study of pyridine addition to Ni(II) Î²-diketonate complexes. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 597-604.	1.0	3
116	Quantum chemical calculations for the geometry and intramolecular rearrangements of a model nickel(ii) o-semiquinone complex with a PCP pincer ligand. Russian Chemical Bulletin, 2010, 59, 1110-1115.	1.5	3
117	Structure of indoline spiropyrans containing a fused coumarin fragment: Quantum-chemical investigation. Russian Journal of Organic Chemistry, 2011, 47, 1742-1745.	0.8	3
118	The Pearsonâ€™s HSAB principle in the quantum-chemical model of formation of the MN2O2 or MN2S2 coordination node in the bischelates of Be(II) and Hg(II) with ambidentate ligands based on azomethines and their cyclic analogs. Russian Journal of General Chemistry, 2015, 85, 2629-2633.	0.8	3
119	Adducts of manganese diketonates with redox-active ligands: Computational modeling of valence tautomeric systems. Computational and Theoretical Chemistry, 2015, 1070, 132-142.	2.5	3
120	Synthesis and structure of 1-[(3-hydroxybenzo[b]thiophen-2-yl)methylidene]-3-oxo-5-phenyl-1-pyrazolidinium-2-ide. Doklady Chemistry, 2016, 471, 311-313.	0.9	3
121	Structure, spectral-luminescent and ionochromic properties of hydroxyaryl(hetaryl)idene azomethine imines. Journal of Molecular Structure, 2020, 1199, 127013.	3.6	3
122	DFT computational insight into the mechanism of the monomerâ€“trimer isomerism of Ni(II) bis-acetylacetonate. Inorganica Chimica Acta, 2021, 517, 120183.	2.4	3
123	Dithiolate and Catecholate Binding of Copper by the OOâˆ¼SS Bifunctional Ligand: Regioselectivity and Regioisomeric Transformations. European Journal of Inorganic Chemistry, 2021, 2021, 3292-3300.	2.0	3
124	Metal-containing monomers. Part 1. Spatial and electronic structures of cobalt(II) and nickel(II) complexes with acrylamide and of their polymers. Transition Metal Chemistry, 1991, 16, 126-129.	1.4	2
125	Title is missing!. Russian Chemical Bulletin, 2003, 52, 519-525.	1.5	2
126	Geometry and electronic structure of lithium sandwich complexes [(OLIGOCENE)2] n+1Li n+1: A quantum-chemical study. Doklady Chemistry, 2006, 409, 113-116.	0.9	2

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127	Hexacoordinated carbon and nitrogen atoms in extended organoboron cage structures. Doklady Chemistry, 2007, 416, 235-240.	0.9	2
128	Effect of ligand environment on the mechanism of enantiomerization of BeII, ZnII, and CuII bischelate complexes. Russian Chemical Bulletin, 2009, 58, 513-521.	1.5	2
129	Quantum-chemical simulation of the mechanisms of stereoisomerism of tetracoordinated Ni(II) complexes. Russian Journal of General Chemistry, 2009, 79, 1793-1801.	0.8	2
130	Quantum-chemical study of manganese(II) diketonate adducts with diimine. Doklady Chemistry, 2015, 463, 211-214.	0.9	2
131	Dinuclear adducts of di-o-iminoquinone ligands with CoII diketonates: computational insights into two-step valence tautomeric rearrangements. Journal of Molecular Modeling, 2017, 23, 307.	1.8	2
132	Quantum-chemical study of (Z)-6,8-di-tert-butyl-N-(4-methoxyphenyl)-3-((4-methoxyphenyl)imino)-3H-phenoxazine-2-amine complexation with cobalt bis(chelate)s. Doklady Chemistry, 2017, 476, 215-218.	0.9	2
133	Immobilization of UiO-67 with photochromic spiropyrans: a quantum chemical study. Journal of Molecular Modeling, 2020, 26, 212.	1.8	2
134	Spinâ€Stateâ€Switching Rearrangements of Bis(dioxolene)â€Bridged CrCo Complexes: A DFT Study. European Journal of Inorganic Chemistry, 2021, 2021, 4113-4121.	2.0	2
135	Preparation and reactivity of metal-containing monomers. 23. Transition metal complexes of methacryloylacetone. Bulletin of the Russian Academy of Sciences Division of Chemical Science, 1992, 41, 545-548.	0.0	1
136	Preparation and reactivity of metal-containing monomers. Russian Chemical Bulletin, 1993, 42, 66-70.	1.5	1
137	Self-association of Î±-tocopherol: a computer simulation. Russian Chemical Bulletin, 2014, 63, 54-59.	1.5	1
138	Computational modeling of mixed-ligand cobalt diketonate complexes with pyrene-4,5,9,10-tetraimine. Doklady Chemistry, 2017, 475, 168-172.	0.9	1
139	Computational modeling of mixed-ligand cobalt complexes with o-quinone derivative of corannulene. Russian Chemical Bulletin, 2018, 67, 1978-1984.	1.5	1
140	Photochromic Properties and Surface Enhanced Raman Scattering Spectra of Indoline Spiropyran in Silver-Based Nanocomposite Films. Optics and Spectroscopy (English Translation of Optika I) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 T	0.8	1
141	Structural Changes in Fiveâ€Coordinate Bromidoâ€bis(oâ€iminobenzoâ€semiquinonato)iron(III) Complex: Spinâ€Crossover or Ligandâ€Metal Antiferromagnetic Interactions?. European Journal of Inorganic Chemistry, 2021, 2021, 756-762.	2.0	1
142	Computational search for redox isomerism in Ge and Sn bis-chelates with Î±-diimine ligands. Mendeleev Communications, 2022, 32, 49-51.	1.6	1
143	Preparation and reactivity of metal-containing monomers. 11. Complexes of nickel(II), cobalt(II), and chromium(III) acrylates with 2,2?-dipyridyl and 1,10-phenanthroline. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1989, 38, 2265-2270.	0.0	0
144	Preparation and reactivity of metal-containing monomers. 12. Metallochelate monomers based on N-(2-pyridyl)methylacrylamide. Bulletin of the Academy of Sciences of the USSR Division of Chemical Science, 1989, 38, 2271-2273.	0.0	0

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145	Polymers containing metal chelate units II. Synthesis, structure and use of polymer-supported heterometallic complexes. Reactive & Functional Polymers, 1990, 13, 139-144.	0.8	0
146	Double Ï€- and Ïƒ-hydrogen bonding in formic acid complexes with pyrrole and imidazole: an ab initio and density functional theory study. Mendeleev Communications, 2003, 13, 207-209.	1.6	0
147	Poly[n]prismanes: A Family of Stable Cage Structures with Half-Planar Carbon Centers.. ChemInform, 2004, 35, no.	0.0	0
148	Steric and electronic structure of complexes of pyrylium and thiopyrylium cations with borabenzene anion. Russian Journal of General Chemistry, 2008, 78, 1354-1360.	0.8	0
149	Novel structural motif for stabilization of polyacene systems. Doklady Physical Chemistry, 2009, 425, 77-80.	0.9	0
150	Quantum chemical study of the self-assembly of tetrathiacalix[4]arenes and their oxygen analogs functionalized by hydrazide groups. Russian Chemical Bulletin, 2016, 65, 47-53.	1.5	0
151	Quantum-Chemical Modeling of B32 Complexes with Nitrogen: Endo or Exo?. Russian Journal of Inorganic Chemistry, 2018, 63, 902-905.	1.3	0
152	XAS Diagnostic of the Photoactive State in Co(II) Azobenzene Complex in Organic Solvents. ChemistrySelect, 2021, 6, 7087-7092.	1.5	0