

# Vladimir I Minkin

## List of Publications by Year in descending order

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904  
papers

11,110  
citations

81900

39  
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75  
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1390  
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1390  
docs citations

1390  
times ranked

6908  
citing authors

#	ARTICLE	IF	CITATIONS
1	12D-quinoxaline[2,3-b]phenoxazines: Synthesis, optical, electrochemical properties and insight into photovoltaic application. <i>Dyes and Pigments</i> , 2022, 197, 109848.	3.7	7
2	An access to 1H-cyclopenta[b]pyridine-4,5-diones via condensation of 6-nitro-1,2-o-quinone with arylamines and acetone. <i>Tetrahedron</i> , 2022, 103, 132575.	1.9	3
3	A DFT insight into the structure and electronic characteristics of group 14 bis-atranes and their analogues. <i>Journal of Organometallic Chemistry</i> , 2022, 960, 122235.	1.8	0
4	A novel photochromic hetarylalkylideneisocromandione system. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 427, 113793.	3.9	0
5	1-Chloroalumole. <i>Organometallics</i> , 2022, 41, 467-471.	2.3	5
6	Electronic isomerism (electromerism) of 6,8-di-tert-butyl-3H-phenoxazin-3-one oxime radical. <i>Russian Chemical Bulletin</i> , 2022, 71, 30-37.	1.5	2
7	Phosphatetrasilatricyclo[2.1.0.02,5]pentane. <i>Mendeleev Communications</i> , 2022, 32, 33-34.	1.6	2
8	Computational search for redox isomerism in Ge and Sn bis-chelates with $\hat{\text{I}}\pm$ -diimine ligands. <i>Mendeleev Communications</i> , 2022, 32, 49-51.	1.6	1
9	Synthesis and Molecular Structure of 3-[N-Acetyl(3,5-dimethylphenyl)amino]-5,7-di(tert-butyl)-2-{5,8-dimethyl-4-[(3,5-dimethylphenyl)amino]quinolin-2-yl}prop-2-en-1-one. <i>Russian Journal of General Chemistry</i> , 2022, 92, 206-211.		
10	Solvent-dependent selective "naked eye" chromofluorogenic multifunctional rhodamine-based probe for $\text{Al}^{3+}$ , $\text{Cu}^{2+}$ , $\text{Hg}^{2+}$ , $\text{S}^{2-}$ and $\text{CN}^{-}$ ions. <i>Tetrahedron</i> , 2022, 110, 132710.	1.9	7
11	o-Benzoquinone Cobalt Complexes Bearing Organosilicon Radicals: Quantum-Chemical Study. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2022, 48, 233-241.	1.0	3
12	A new 3D-aromatic organoboron species on the basis of CB6 unit: Two states of carbon hypercoordination and structural isomerism of non-classical forms. <i>Mendeleev Communications</i> , 2022, 32, 298-301.	1.6	0
13	Cobalt(II) and nickel(II) bis(chelate) complexes with (N, O, O)-tridentate azomethine ligands: a quantum chemical study of stereoisomers with hexa-, penta-, and tetra-coordinate central atoms. <i>Russian Chemical Bulletin</i> , 2022, 71, 934-939.	1.5	0
14	Synthesis, Structures, and Properties of the Zn(II), Cu(II), Co(II), and Ni(II) Bis(chelate) Complexes Based on 2,4,9,11-Tetra-tert-butylbenzo[5,6][1,4]oxazino[2,3-b]phenoxazin-1-ol. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2022, 48, 261-269.	1.0	0
15	Study of biological activity of 2-quinoline-2-yl-derivative 1,3-tropolone in experiment. <i>Issledovaniya v Praktika v Medicine</i> , 2022, 9, 50-64.	0.5	0
16	Organic Polyradicals Based on Acenes. <i>Computational Modeling. Doklady Chemistry</i> , 2022, 503, 51-55.	0.9	3
17	Spectral-Luminescent and Ionochromic Properties of Azomethine Imine-Coumarin Conjugates. <i>Russian Journal of General Chemistry</i> , 2022, 92, 841-849.	0.8	1
18	Michael addition of amines to sterically crowded ortho-benzoquinone completed with unprecedented 1,2-shift of a tert-butyl group. <i>Tetrahedron</i> , 2021, 79, 131841.	1.9	2

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19	DFT computational insight into the mechanism of the monomer-trimer isomerism of Ni(II) bis-acetylacetonate. <i>Inorganica Chimica Acta</i> , 2021, 517, 120183.	2.4	3
20	Synthesis, crystal molecular structure, and magnetic characteristics of coordination polymers formed by Co( <i>scp</i> ) diketonates with pentaheterocyclic triphenodioxazines. <i>New Journal of Chemistry</i> , 2021, 45, 304-313.	2.8	7
21	Computational modeling of cobalt diketonate adducts with <i>o</i> -benzoquinones incorporating organosilicon radicals. <i>Russian Chemical Bulletin</i> , 2021, 70, 309-315.	1.5	6
22	Quantum Chemical Study of the Structures and Stability of Copper(II) Bis(diketonate) Dimers. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021, 47, 174-179.	1.0	3
23	Quantum chemical study of intramolecular rearrangements in 3-allyl-3-methyl-1,2-diphenylcyclopropene. <i>Russian Chemical Bulletin</i> , 2021, 70, 699-705.	1.5	1
24	Synthesis and Photochromic Properties of Bis-Spirocyclic Compounds Based on 1,3-Dihydroxy-6-oxo-6H-benzo[ <i>c</i> ]chromene-2,4-dicarbaldehyde. <i>Russian Journal of General Chemistry</i> , 2021, 91, 626-630.	0.8	1
25	Electronic structure and magnetic properties of pyridinophane complexes of iron with radical-bearing catecholates: a quantum chemical study. <i>Russian Chemical Bulletin</i> , 2021, 70, 811-817.	1.5	7
26	Synthesis, Structure and Redox Properties of Cu(II) Chelate Complexes on the Basis of 2-(Hydroxyphenyl)-5-hydroxybenzo[ <i>d</i> ]imidazol-4-yl Phenol Ligands. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2055-2062.	2.0	4
27	ANTIOXIDANT PROPERTIES AND EFFECTS OF APORPHINE ALKALOIDS AND THEIR PHENANTHRENE SECO-ISOMERS ON ACETYLCHOLINESTERASE ACTIVITY. <i>Khimiya Rastitel'nogo Syr'ya</i> , 2021, , 237-246.	0.3	1
28	Comparative Structural Study and Molecular Docking of Indoline Spiropyrans Containing $\hat{\pm}$ -Lipoic Acid Fragment. <i>Doklady Chemistry</i> , 2021, 498, 104-111.	0.9	1
29	Quantum Chemical Study of Structure and Energetical Characteristics of Spiropyrans Containing Cationic 3H-Indolium Fragment. <i>Russian Journal of General Chemistry</i> , 2021, 91, 1150-1152.	0.8	2
30	Computationally Designed Crystal Structures of the Supertetrahedral Ga <sub>4</sub> C and Ga <sub>4</sub> Si Solids. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6556-6561.	2.5	1
31	Acene-Linked Zethrenes and Bisphenalenyls: A DFT Search for Organic Tetraradicals. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6562-6570.	2.5	13
32	New Reactions of Contraction of the <i>o</i> -Quinone Ring with the Formation of Derivatives of 2-(2-Indolyl)-cyclopenta[ <i>b</i> ]pyrrole-3,4-diones and Pyridino[1,2- <i>a</i> ]indoles: A Combined Experimental and Density Functional Theory Investigation. <i>ACS Omega</i> , 2021, 6, 18226-18234.	3.5	2
33	Band Gap Engineering and 14 Electron Superatoms in 2D Superoctahedral Boranes B <sub>4</sub> X <sub>2</sub> (B, N, P, As, Sb). <i>Journal of Physical Chemistry C</i> , 2021, 125, 17280-17290.	3.1	6
34	Spin-State Switching Rearrangements of Bis(dioxolene)-Bridged CrCo Complexes: A DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4113-4121.	2.0	2
35	An efficient approach to diarylethene-amino acid photochromic fluorescent hybrids. <i>Journal of Molecular Structure</i> , 2021, 1243, 130758.	3.6	1
36	Design, synthesis and biological evaluation of 2-quinolyl-1,3-tropolone derivatives as new anti-cancer agents. <i>RSC Advances</i> , 2021, 11, 4555-4571.	3.6	11

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37	Field supported slow magnetic relaxation in a quasi-one-dimensional copper(II) complex with a pentaheterocyclic triphenodioxazine. <i>New Journal of Chemistry</i> , 2021, 45, 21912-21918.	2.8	8
38	Si3S-Bicyclo[1.1.0]butane vs. Si3S-cyclobutene: an isomeric interplay*. <i>Russian Chemical Bulletin</i> , 2021, 70, 2233-2235.	1.5	0
39	Structures of spiropyran exhibiting photochromic properties in the solid state. <i>Russian Chemical Bulletin</i> , 2021, 70, 2090-2099.	1.5	12
40	Pentacarboxycyclopentadienes in Organic Synthesis. <i>Russian Journal of Organic Chemistry</i> , 2021, 57, 1757-1808.	0.8	6
41	Heterospin iron complexes with dioxolenes functionalized with stable radicals: quantum chemical study. <i>Russian Chemical Bulletin</i> , 2021, 70, 2315-2323.	1.5	5
42	Subcritical Water Extraction as a Means of Isolating Oleanolic Acid from an Olive Leaf ( <i>Olea europaea</i> )	1.5	4
43	Study of the Composition and Anti-Acetylcholinesterase Activity of Olive Leaf ( <i>Olea europea</i> L.) Extracts Obtained in Subcritical Water. <i>Russian Journal of Physical Chemistry B</i> , 2021, 15, 1286-1290.	1.3	4
44	Structure, spectral-luminescent and ionochromic properties of hydroxyaryl(hetaryl)idene azomethine imines. <i>Journal of Molecular Structure</i> , 2020, 1199, 127013.	3.6	3
45	A new approach to the synthesis of the sterically crowded photostable and fluorescent triphenodioxazines. <i>Dyes and Pigments</i> , 2020, 176, 108174.	3.7	11
46	o-Quinone phenalenyl derivatives as expedient ligands for the design of magnetically active metal complexes: A computational study. <i>Chemical Physics Letters</i> , 2020, 740, 137073.	2.6	6
47	Electronic structure and magnetic properties of the triangular nanographenes with radical substituents: a DFT study. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1288-1298.	2.8	18
48	Synthesis, structure, redox activity and luminescence of sterically crowded 6,8-di-(tert-butyl)-3H-phenoxazin-3-one. <i>Tetrahedron Letters</i> , 2020, 61, 151429.	1.4	3
49	Replacement of the Hetarene Moiety of Molecule in the Synthesis of Indoline Spiropyran with Cationic Fragment. <i>Doklady Chemistry</i> , 2020, 492, 76-83.	0.9	5
50	Circumambulatory Rearrangements of 5-Halo-1,2,3,4,5-pentaphenylcyclopentadienes. <i>Russian Journal of Organic Chemistry</i> , 2020, 56, 1744-1752.	0.8	3
51	Synthesis and structure of indoline spiropyran based on benzo[f]coumarin. <i>Russian Chemical Bulletin</i> , 2020, 69, 1378-1384.	1.5	4
52	Synthesis and highly efficient light-induced rearrangements of diphenylmethylene(2-benzo[ <i>i</i> ]thienyl)fulgides and fulgimides. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1820-1829.	2.2	3
53	Novel architectures of boron. <i>Structural Chemistry</i> , 2020, 31, 2105-2128.	2.0	15
54	Selective Naked-Eye Fluorescein-Based Chemosensor for the Detection of Pd <sup>2+</sup> Cations. <i>Doklady Chemistry</i> , 2020, 490, 23-26.	0.9	1

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55	Computer Simulation of the Structure and Magnetic Properties of Cobalt Complexes with N-Substituted Pyridinophanes and Radical-Functionalized o-Benzoquinones. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 371-378.	1.0	7
56	Stability, electronic, and optical properties of two-dimensional phosphoborane. Journal of Computational Chemistry, 2020, 41, 1456-1463.	3.3	19
57	Reversible Rearrangements of 2,4,6-Trinitrophenyl Group in an Amidine System. Russian Journal of General Chemistry, 2020, 90, 7-12.	0.8	0
58	Synthesis of Phenanthrene Alkaloids in Subcritical Water Using Secoboldine as an Example. Chemistry of Natural Compounds, 2020, 56, 183-184.	0.8	3
59	Periodic F-defects on the MgO surface as potential single-defect catalysts with non-linear optical properties. Chemical Physics, 2020, 532, 110680.	1.9	18
60	Synthesis and Luminescence and Ionochromic Properties of 9-Hydroxy-1-methyl-3-oxo-3H-benzo[f]chromene-8-carbaldehyde Imines and Hydrazones. Russian Journal of General Chemistry, 2020, 90, 196-201.	0.8	1
61	Modeling of the spatial and electronic structure and the dipole moment of titanocene dicarboranyl. Russian Chemical Bulletin, 2020, 69, 218-228.	1.5	4
62	Chromogenic properties of 2-(2-carbomethoxy-3,4-dichloro-6-hydroxyphenyl)benzoxazole and its Zn(II) and Cd(II) complexes. Dyes and Pigments, 2020, 180, 108417.	3.7	16
63	3,3-Sigmatropic Shifts of Allyl Group Along Cyclopentadiene Ring Perimeter. Russian Journal of General Chemistry, 2020, 90, 161-165.	0.8	3
64	Polyfunctional Ionochromic 1,3-Dihydroxy-6-oxo-6H-benzo[c]chromene-2,4-dicarbaldehyde Arylhydrazones. Russian Journal of General Chemistry, 2020, 90, 2219-2224.	0.8	1
65	Electronic Structure and Magnetic Properties of Mixed-Ligand Cobalt Complexes Containing Organogermanium Triangulenes. Russian Journal of General Chemistry, 2020, 90, 2312-2322.	0.8	1
66	One-Pot Technique for Transformation of the Aporphine Alkaloid Boldine into Phenanthrene Seco-Boldine with Subcritical Water. Russian Journal of Physical Chemistry B, 2020, 14, 1153-1157.	1.3	2
67	Sterically Crowded Quinoxalinophenoxazines Containing a Crown Ether Fragment. Russian Journal of Organic Chemistry, 2020, 56, 2248-2250.	0.8	1
68	2,5-Diaryl-1,3,4-oxadiazoles: synthesis, spectral-luminescent properties, and complexation with beryllium(ii). Russian Chemical Bulletin, 2020, 69, 2302-2306.	1.5	1
69	Quantum-Chemical Study of Cobalt Complexes with o-Quinones Modified with Silicon Triangulene Derivatives. Doklady Chemistry, 2020, 494, 149-154.	0.9	3
70	Synthesis and Spectral-Luminescent Properties of 2-Aryl-5-butyl-1,3,4-oxadiazoles. Russian Journal of General Chemistry, 2020, 90, 2059-2063.	0.8	0
71	Theoretical Prediction for Synthetic Realization: Pyramidal Systems $CLE[E\langle sub \rangle 4 \langle /sub \rangle R \langle sub \rangle 4 \langle /sub \rangle]$ ( $E = B\langle sup \rangle Ga, E\langle sup \rangle Ge, R = SiMe \langle sub \rangle 3 \langle /sub \rangle,$ ) $Tj ETQq1 1 0.7843 147gBT /O\langle overlock \rangle 10$	0.7843	147
72	Dinuclear Cobalt and Iron Complexes with an Azomethine Derivative of 1,10-Phenanthroline: A Quantum-Chemical Study. Doklady Chemistry, 2019, 487, 168-172.	0.9	1

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73	Superoctahedral two-dimensional metallic boron with peculiar magnetic properties. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 19764-19771.	2.8	36
74	Unexpected Dual Acylation of Naphtho[2,1-b]furan at the Aryl and Hetaryl Ring: Experimental and Theoretical Study. <i>Russian Journal of General Chemistry</i> , 2019, 89, 1377-1383.	0.8	1
75	Computer Modeling of Extended $PnX_{3n} + 2$ Chains ( $X = F, Cl$ ). <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 780-785.	1.3	0
76	Photochromic coumarin spiropyranes with switching of optical properties by lanthanide ions. <i>Russian Chemical Bulletin</i> , 2019, 68, 1223-1231.	1.5	6
77	Binuclear Di-o-Quinone Cobalt Complexes with the Acene Linker: Quantum Chemical Study of the Structures and Magnetic Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 411-419.	1.0	11
78	Magnetic Properties of the Dicationic Iron o-Quinone Complexes with the Pyridinophane Ligands: A Quantum Chemical Study. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 675-679.	1.0	7
79	[2+2] Cycloadduct of Titanium Silylidene and Benzonitrile. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4224-4227.	2.0	8
80	Structure and bonding of new boron and carbon superpolyhedra. <i>Structural Chemistry</i> , 2019, 30, 805-814.	2.0	12
81	Computer Design of Two-Dimensional Monolayers with Octahedral 1,6-Carborane Units. <i>Russian Journal of Inorganic Chemistry</i> , 2019, 64, 1031-1034.	1.3	3
82	Rational Design of Electronically Labile Dinuclear Fe and Co complexes with 1,10-Phenanthroline-5,6-Diimine: A DFT study. <i>Journal of Computational Chemistry</i> , 2019, 40, 2284-2292.	3.3	5
83	Computational Modeling of Spin-Crossover in Mixed-Ligand Binuclear Iron and Cobalt Complexes with 5,6-Bis(salicylideneimino)-1,10-Phenanthroline. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 105-111.	1.0	14
84	Bimetallic coordination compounds with 5,6-bis(salicylideneimino)-1,10-phenanthroline: quantum chemical study of spin transitions. <i>Russian Chemical Bulletin</i> , 2019, 68, 725-731.	1.5	6
85	New Photochromic Salt Spiropyranes of Indoline Series. <i>Doklady Chemistry</i> , 2019, 484, 58-63.	0.9	2
86	Synthesis, Photo-, and Ionochromic Properties of Indolyl(thienyl)maleimides with Terpyridine Receptor. <i>Russian Journal of General Chemistry</i> , 2019, 89, 409-415.	0.8	1
87	Computer Design of Fe-M-Fe ( $M = Co, Ni, Cu, Zn$ ) Complexes with Bis-Salicylaldimate Linker Functionalized with 1,10-Phenanthroline. <i>Russian Journal of General Chemistry</i> , 2019, 89, 451-458.	0.8	0
88	Synthesis, structure, spectral and luminescence properties of the tetracoordinated diphenylboron and zinc complexes with 1,3,4-oxadiazole and 1,2,4-triazole ligands. <i>Polyhedron</i> , 2019, 166, 73-82.	2.2	9
89	Molecular dynamics study of a new metastable allotropic crystalline form of gallium—supertetrahedral gallium. <i>Journal of Computational Chemistry</i> , 2019, 40, 1861-1865.	3.3	4
90	Tuning Philicity of Dichlorosilylene: Nucleophilic Behavior of the Dichlorosilylene—NHC Complex $Cl_2Si=IPr$ . <i>ACS Omega</i> , 2019, 4, 2902-2906.	3.5	3

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91	Stabilization of non-typical forms of boron clusters by beryllium doping. <i>Chemical Physics</i> , 2019, 522, 44-54.	1.9	8
92	One-Pot Technique for Production of Oleanolic Acid from the Roots of <i>Aralia Mandshurica</i> with Subcritical Water. <i>Russian Journal of Physical Chemistry B</i> , 2019, 13, 1273-1278.	1.3	2
93	One-Pot Synthesis of Glycyrrhetic Acid from Licorice Root in Subcritical Water. <i>Russian Journal of Physical Chemistry B</i> , 2019, 13, 1150-1154.	1.3	1
94	One-Pot Synthesis and Structure Study of a New Indoline Spiropyran with Cationic Substituent. <i>Doklady Chemistry</i> , 2019, 488, 252-256.	0.9	4
95	Synthesis and Spectral-Luminescent Properties of 2,5-Diaryl-1,3,4-oxadiazoles and Their Chelate Complexes with Cadmium(II). <i>Russian Journal of General Chemistry</i> , 2019, 89, 2165-2169.	0.8	2
96	Computationally Designed Crystal Structures of the Supertetrahedral $Al_4X$ ( $X = B, C, Al$ )	2.8	8
97	The carboxyl derivatives of 6,8-di-(tert.-butyl)phenoxazine: Synthesis, oxidation reactions and fluorescence. <i>Tetrahedron</i> , 2019, 75, 538-544.	1.9	7
98	Synthesis and redox activity of the ruthenium complexes based on 9-hydroxy-2,4,6,8-tetra-(tert.-butyl)phenoxazin-1-one ligands. <i>Inorganica Chimica Acta</i> , 2019, 484, 430-436.	2.4	4
99	Synthesis, structure and photochromic properties of novel highly functionalized spiropyrans of 1,3-benzoxazin-4-one series. <i>Journal of Molecular Structure</i> , 2018, 1161, 18-25.	3.6	11
100	Synthesis and Molecular Structures of (3-Hydroxy, 3-Chloro, (3-Arylamino)-N-acetyl-3-aryl	0.6	1
101	Photo- and ionochromic thienyl(coumarinyl)thiazoles. <i>Journal of Molecular Structure</i> , 2018, 1163, 221-226.	3.6	5
102	From Borapyramidane to Borole Dianion. <i>Journal of the American Chemical Society</i> , 2018, 140, 6053-6056.	13.7	27
103	Computational Assessment of an Elusive Aromatic $N_3P_3$ Molecule. <i>ACS Omega</i> , 2018, 3, 286-291.	3.5	6
104	A DFT computational study of the magnetic behaviour of cobalt dioxolene complexes of tetraazamacrocyclic ligands. <i>Computational and Theoretical Chemistry</i> , 2018, 1124, 15-22.	2.5	36
105	Computational insight into magnetic behavior and properties of the transition metal complexes with redox-active ligands: a DFT approach. <i>Pure and Applied Chemistry</i> , 2018, 90, 811-824.	1.9	41
106	Synthesis and crystal structure of novel fluorescent 1,3,4-oxadiazole-containing carboxylate ligands. <i>Journal of Molecular Structure</i> , 2018, 1157, 374-380.	3.6	16
107	Spectral-Luminescent Properties of 2-Aryl-1,3,4-oxadiazoles. <i>Russian Journal of General Chemistry</i> , 2018, 88, 602-604.	0.8	4
108	Photo- and Ionochromism of Benzoxazolyl-Substituted Spirobenzopyrans. <i>Doklady Chemistry</i> , 2018, 478, 26-30.	0.9	1

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109	Quantum chemical modeling of solid-state B <sub>4</sub> X structures containing tetrahedral B <sub>4</sub> units with X = B, C, Al, Si. <i>Mendelevov Communications</i> , 2018, 28, 173-175.	1.6	4
110	Structure of 2-(benzoxazole-2-yl)-5,7-di(tert-butyl)-4-nitro-1,3-tropolone. <i>Journal of Structural Chemistry</i> , 2018, 59, 197-200.	1.0	3
111	Spectral Luminescent Properties of 2-Aryl-5-(2,6-dimethoxyphenyl)-1H-1,3,4-oxadiazoles. <i>Russian Journal of General Chemistry</i> , 2018, 88, 338-341.	0.8	2
112	Dispersion interactions in oligomerization of metal diketonates: a DFT evaluation. <i>Chemical Papers</i> , 2018, 72, 829-839.	2.2	9
113	Bifunctional terpyridine/ o -hydroxyimine chemosensors. <i>Journal of Molecular Structure</i> , 2018, 1154, 219-224.	3.6	5
114	Stabilization of boron clusters with classical fullerene structures by combined doping effect: a quantum chemical study. <i>Structural Chemistry</i> , 2018, 29, 327-340.	2.0	4
115	Reaction of 3,5-di(tert-butyl)-o-benzoquinone with arylamines developing to the formation of a pentaheterocyclic 12 $\pi$ -quinoxaline[2,3-b]phenoxazine system. A deeper insight into the reaction mechanism. <i>Dyes and Pigments</i> , 2018, 150, 97-104.	3.7	12
116	New fast $\alpha$ -One-pot $\alpha$ -Technique for the Production of Glycyrrhetic Acid from the Roots of licorice ( <i>Glycyrrhiza glabra</i> ). <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	1
117	The Development of a One-Step Method for Production of the Antioxidant Quercetin from Flower Buds of the Sophora Japonica ( <i>Sophora japonica</i> L.) in a Subcritical Water Medium. <i>Russian Journal of Physical Chemistry B</i> , 2018, 12, 1269-1275.	1.3	13
118	Luminescence Properties of 2-[2-Allyl(arenesulfonyl)oxyphenyl]-5-(2,6-difluorophenyl)-1,3,4-oxadiazoles. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 1835-1838.	0.8	0
119	Metalcarbonyl analogues of annelated cyclooctatetraene and cyclodecapentaene derivatives with a planar core cycle: a quantum chemical study. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27830-27837.	2.8	1
120	The structurally variable network of spin couplings and migrating paramagnetic centers in binuclear <i>o</i> -quinone Co <sup>II</sup> complexes with biradical acene linkers: a computational DFT study. <i>Dalton Transactions</i> , 2018, 47, 15948-15956.	3.3	10
121	Adducts of transition metal complexes with redox-active ligands: the structure and spin-state-switching rearrangements. <i>Russian Chemical Reviews</i> , 2018, 87, 1049-1079.	6.5	44
122	New Photochromic Salt Spiropyran with Benzyl Substituent. <i>Doklady Chemistry</i> , 2018, 482, 220-224.	0.9	3
123	Computational modeling of mixed-ligand cobalt complexes with o-quinone derivative of corannulene. <i>Russian Chemical Bulletin</i> , 2018, 67, 1978-1984.	1.5	1
124	Difluorophosphorane-Flattened Phosphorene through Difluorination. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6963-6966.	4.6	7
125	Spectral-Luminescent Properties of 2-(2,6-Difluorophenyl)-5-phenyl-[2-acetyl(benzoyl)oxyphenyl]-1,3,4-oxadiazoles. <i>Russian Journal of General Chemistry</i> , 2018, 88, 2219-2222.	0.8	0
126	Reversible Migrations of Nitro Group in a Methyltetramethoxycarbonylcyclopentadiene System. <i>Doklady Chemistry</i> , 2018, 479, 53-57.	0.9	5



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127	Synthesis and Photo- and Ionochromic and Spectral-Luminescent Properties of 5-Phenylpyrazolidin-3-one Azomethine Imines. <i>International Journal of Photoenergy</i> , 2018, 2018, 1-7.	2.5	5
128	DFT study of Raman scattering spectra of complexes of spiropyrans with the silver cluster. <i>Russian Chemical Bulletin</i> , 2018, 67, 972-979.	1.5	1
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