

# Maxim G Chegerev

## List of Publications by Year in descending order

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48  
papers

548  
citations

706676

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48  
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48  
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times ranked

187  
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#	ARTICLE	IF	CITATIONS
1	Stable heterocyclic stannylene: The metal, ligand-centered reactivity, and effective catalytic hydroboration of aldehydes. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	10
2	Computational search for redox isomerism in Ge and Sn bis-chelates with $\hat{\pm}$ -diimine ligands. <i>Mendeleev Communications</i> , 2022, 32, 49-51.	0.6	1
3	A computational search for spin-crossover in bis(catecholate) diiron complexes. <i>Computational and Theoretical Chemistry</i> , 2022, 1211, 113693.	1.1	1
4	Spin transitions in ferric catecholate complexes mediated by outer-sphere counteranions. <i>Dalton Transactions</i> , 2022, 51, 10909-10919.	1.6	4
5	Structural Changes in Five-coordinate Bromido-bis(o-aminobenzo-semiquinonato)iron(III) Complex: Spin-Crossover or Ligand-Metal Antiferromagnetic Interactions?. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 756-762.	1.0	1
6	Computational insight into magnetic behaviour of cobalt tris(2-pyridylmethyl)amine complexes with dioxolenes incorporating stable radicals. <i>Chemical Physics Letters</i> , 2021, 762, 138128.	1.2	11
7	Computational modeling of cobalt diketonate adducts with o-benzoquinones incorporating organosilicon radicals. <i>Russian Chemical Bulletin</i> , 2021, 70, 309-315.	0.4	6
8	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.	0.4	7
9	Facile synthesis of digermylene oxide and its reactivity towards vanadocene: the first example of Cp <sub>2</sub> V-germylene coordination. <i>Mendeleev Communications</i> , 2021, 31, 330-333.	0.6	0
10	Facile synthesis of digermylene oxide and its reactivity towards vanadocene: the first example of Cp <sub>2</sub> V-germylene coordination. <i>Mendeleev Communications</i> , 2021, 31, 330-333.	0.6	4
11	Valence tautomeric transition of bis(o-dioxolene) cobalt complex in solid state and solution. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 215405.	0.7	9
12	Electronic Lability of Quinonoid-Bridged Dinuclear 3d-Metal Complexes with Tetradentate N-Donor Bases. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2684-2695.	1.0	17
13	Quantum Chemical Study of Spin Transitions in the Bimetallic Fe/Co Complexes with the Bis(catecholate) Bridging Ligand. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021, 47, 601-609.	0.3	3
14	Spin-State-Switching Rearrangements of Bis(dioxolene)-Bridged CrCo Complexes: A DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4113-4121.	1.0	2
15	Heterospin magnetically active bimetallic Fe and Co complexes of aldiminato-functionalized catechol: a DFT study. <i>Structural Chemistry</i> , 2020, 31, 37-46.	1.0	5
16	Reactivity of O,N-heterocyclic germylene and stannylene towards $\hat{1}/4$ -dithio-bis(tricarbonyliron). <i>Journal of Organometallic Chemistry</i> , 2020, 927, 121524.	0.8	15
17	Specific Features of EPR Spectroscopy of Organotin Compounds with Paramagnetic Ligands of the o-Iminobenzosemiquinone Type. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 746-755.	0.3	4
18	Computer Simulation of the Structure and Magnetic Properties of Cobalt Complexes with N-Substituted Pyridinophanes and Radical-Functionalized o-Benzoquinones. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 371-378.	0.3	7

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19	Computational modeling of structure and magnetic properties of dinuclear di-o-benzoquinone iron complexes with linear polycyclic linkers. Russian Chemical Bulletin, 2020, 69, 203-211.	0.4	9
20	Mononuclear Cobalt and Iron o-Quinone Complexes with Tetradentate N-Donor Bases: Structures and Properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 193-213.	0.3	18
21	Low-valent oligogermanium amidophenolate complex comprising a unique Ge <sub>4</sub> chain. Mendeleev Communications, 2020, 30, 205-208.	0.6	18
22	Electronic Structure and Magnetic Properties of Mixed-Ligand Cobalt Complexes Containing Organogermanium Triangulenes. Russian Journal of General Chemistry, 2020, 90, 2312-2322.	0.3	1
23	Quantum-Chemical Study of Cobalt Complexes with o-Quinones Modified with Silicon Triangulene Derivatives. Doklady Chemistry, 2020, 494, 149-154.	0.2	3
24	Dinuclear Cobalt and Iron Complexes with an Azomethine Derivative of 1,10-Phenanthroline: A Quantum-Chemical Study. Doklady Chemistry, 2019, 487, 168-172.	0.2	1
25	Magnetic Properties of the Dicationic Iron o-Quinone Complexes with the Pyridinophane Ligands: A Quantum Chemical Study. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 675-679.	0.3	7
26	Tin(II) Complexes Based on N-Alkyl-Substituted o-Amidophenolate Ligands: Acid-Base and Redox Transformations. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 626-636.	0.3	13
27	Rational Design of Electronically Labile Dinuclear Fe and Co complexes with 1,10-Phenanthroline-5,6-Diimine: A DFT study. Journal of Computational Chemistry, 2019, 40, 2284-2292.	1.5	5
28	Computational Modeling of Spin-Crossover in Mixed-Ligand Binuclear Iron and Cobalt Complexes with 5,6-Bis(salicylideneimino)-1,10-Phenanthroline. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 105-111.	0.3	14
29	Polymerization of Vinyl Monomers in the Presence of 4,6-Di-tert-butyl-N-(2,6-diisopropylphenyl)-o-iminobenzoquinone. Polymer Science - Series B, 2019, 61, 132-147.	0.3	2
30	Bimetallic coordination compounds with 5,6-bis(salicylideneimino)-1,10-phenanthroline: quantum chemical study of spin transitions. Russian Chemical Bulletin, 2019, 68, 725-731.	0.4	6
31	Synthesis and reactivity of monomeric stannylene supported by the new tetradentate O,N,N,N-chelating ligand. Inorganica Chimica Acta, 2019, 490, 220-226.	1.2	14
32	Insight into the Electron Density Distribution in an O,N-Heterocyclic Stannylene by High-Resolution X-ray Diffraction Analysis. European Journal of Inorganic Chemistry, 2019, 2019, 875-884.	1.0	22
33	Chemistry of Complexes of Group 14 Elements Based on Redox-Active Ligands of the o-Iminoquinone Type. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 258-271.	0.3	39
34	Redox Isomerism in Main-Group Chemistry: Tin Complex with o-Iminoquinone Ligands. European Journal of Inorganic Chemistry, 2018, 2018, 1087-1092.	1.0	51
35	A DFT computational study of the magnetic behaviour of cobalt dioxolene complexes of tetraazamacrocyclic ligands. Computational and Theoretical Chemistry, 2018, 1124, 15-22.	1.1	36
36	Stable O,N-heterocyclic plumblyenes bearing sterically hindered o-amidophenolate ligands. Mendeleev Communications, 2018, 28, 527-529.	0.6	24

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37	Computational modeling of mixed-ligand cobalt complexes with o-quinone derivative of corannulene. Russian Chemical Bulletin, 2018, 67, 1978-1984.	0.4	1
38	Polymerization of methyl methacrylate in the presence of o-iminoquinones: Reversible and irreversible inhibition. Polymer Science - Series B, 2017, 59, 506-515.	0.3	5
39	N-aryl-o-iminobenzoquinones as novel regulators of radical polymerization. Doklady Chemistry, 2017, 475, 149-154.	0.2	2
40	Compounds of potassium and tin(II) with diiminopyridine ligands: EPR spectroscopy and theoretical study. Russian Journal of General Chemistry, 2017, 87, 2582-2588.	0.3	3
41	Valence Tautomerism in Main-Group Complexes? Computational Modeling of Si, Ge, Sn, and Pb Bischelates with o-iminoquinone Ligands. European Journal of Inorganic Chemistry, 2016, 2016, 252-258.	1.0	18
42	Multiple Reactivity of Sn <sup>II</sup> Complexes Bearing Catecholate and o-Amidophenolate Ligands. European Journal of Inorganic Chemistry, 2016, 2016, 3813-3821.	1.0	31
43	Redox-induced C=C bond formation reaction between mono-o-amidophenolate tin complexes and allylhalides. Journal of Organometallic Chemistry, 2016, 803, 51-57.	0.8	18
44	New paramagnetic tin(IV) complexes based on o-iminoquinone ligands: Synthesis and thermal transformation. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 428-435.	0.3	11
45	Aromaticity of an Unsaturated N-Heterocyclic Stannylene (HCRN) <sub>2</sub> Sn <sup>II</sup> As Studied by Optical Spectra and Quantum Chemistry. Comparison in the Series (HCRN) <sub>2</sub> E <sup>II</sup> , E = C, Si, Ge, Sn (R = t-Bu or Dip). Organometallics, 2015, 34, 2278-2286.	1.1	31
46	Formation of a new carbon-carbon bond in the reaction of allyl halides with tin(IV) bis-o-amidophenolate. Russian Chemical Bulletin, 2014, 63, 912-915.	0.4	15
47	o-Iminosemiquinone complex of tin(IV) with tert-butyl substituents in the polymer synthesis. Russian Chemical Bulletin, 2014, 63, 744-750.	0.4	4
48	O,N-Heterocyclic germynes as efficient catalysts for hydroboration and cyanosilylation of benzaldehyde. New Journal of Chemistry, 0, , .	1.4	19