

Olga Polyakova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Coreyâ€¦Haykovsky cyclopropanation of dehydroalanine in the Ni(II) coordination environment: Electrochemical vs. chemical activation. <i>Electrochimica Acta</i> , 2022, 409, 139980.	2.6	7
2	Pyridineâ€¦Containing Donorâ€¦Acceptor Diarylnitroxides: Noncovalent Stabilization of the Redox States. <i>ChemPlusChem</i> , 2022, 87, e202100508.	1.3	3
3	Diastereomeric Ni(II) Schiff-base cysteine derivatives: Non-covalent interactions and redox activity. <i>Electrochimica Acta</i> , 2021, 388, 138537.	2.6	3
4	Electrochemical Transformations of Chiral Ni(II) Schiff Base Derivative of Serine: A Route to Novel Structures. <i>ChemElectroChem</i> , 2020, 7, 3361-3367.	1.7	8
5	Complexes of Cobalt(II) Iodide with Pyridine and Redox Active 1,2-Bis(arylimino)acenaphthene: Synthesis, Structure, Electrochemical, and Single Ion Magnet Properties. <i>Molecules</i> , 2020, 25, 2054.	1.7	25
6	Solvent-triggered stereoselectivity of \hat{I}_{\pm} -cyclopropanation of amino acids in the Ni($\langle\text{scp}\rangle\text{ii}\langle\text{scp}\rangle$) chiral coordination environment. <i>Dalton Transactions</i> , 2020, 49, 8636-8644.	1.6	5
7	Which Stereoinductor Is Better for Asymmetric Functionalization of \hat{I}_{\pm} -Amino Acids in a Nickel(II) Coordination Environment? Experimental and DFT Considerations. <i>Chemistry - A European Journal</i> , 2020, 26, 7074-7082.	1.7	9
8	Chameleonic Behavior of the \hat{I}_{\pm} -Methylcyclopropyl Group and Its Throughâ€¦Space Interactions: A Route to Stabilized Three Redox States in Diarylnitroxides. <i>Chemistry - A European Journal</i> , 2020, 26, 6793-6804.	1.7	12
9	Diarylamine/diarylnitroxide cycle: quantum chemical and electrochemical estimation. <i>Heliyon</i> , 2019, 5, e02735.	1.4	1
10	Carbonâ€¦and SO ₂ -â€¦Locked Diarylnitroxides: Quantum Chemical Consideration, Synthesis, and Electrochemistry. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6225-6231.	1.2	8
11	Noncovalent interactions within 3D molecular structure of diastereoisomers: A background for stereodependent redox activity. <i>Electrochimica Acta</i> , 2019, 306, 568-574.	2.6	9
12	Stereoselective Electrosynthesis of \hat{I}_{\pm} -Hydroxyâ€¦Amino Acids in the Form of Ni ^{II} -â€¦Schiffâ€¦Base Complexes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3174-3182.	1.2	17
13	Sol-gel-modified membranes for all-organic battery based on bis-(tert-butylphenyl)nitroxide. <i>Colloid and Polymer Science</i> , 2019, 297, 317-323.	1.0	3
14	Pdâ€¦Polypyrrole Nanocomposite in Environmentally Friendly Synthesis of Vinylnitriles Using K ₄ Fe(CN) ₆ . <i>ChemistrySelect</i> , 2018, 3, 4237-4243.	0.7	2
15	Competitive Routes for Electrochemical Oxidation of Substituted Diarylamines: the Guidelines. <i>ChemElectroChem</i> , 2018, 5, 3391-3410.	1.7	11
16	Individual ($\langle\text{sup}\rangle\text{f,t}\langle\text{sup}\rangle\text{A}$)â€¦and ($\langle\text{sup}\rangle\text{f,t}\langle\text{sup}\rangle\text{C}$)â€¦Fullereneâ€¦Based Nickel(II) Glycinates: Protected Chiral Amino Acids Directly Linked to a Chiral \hat{I}_{\pm} -Electron System. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2704-2708.	7.2	15
17	Tightly Bound Doubleâ€¦Caged [60]Fullerene Derivatives with Enhanced Solubility: Structural Features and Application in Solar Cells. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1075-1086.	1.7	7
18	Individual ($\langle\text{sup}\rangle\text{f,t}\langle\text{sup}\rangle\text{A}$)â€¦and ($\langle\text{sup}\rangle\text{f,t}\langle\text{sup}\rangle\text{C}$)â€¦Fullereneâ€¦Based Nickel(II) Glycinates: Protected Chiral Amino Acids Directly Linked to a Chiral \hat{I}_{\pm} -Electron System. <i>Angewandte Chemie</i> , 2017, 129, 2748-2752.	1.6	3

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19	Twisted Diarylnitroxides: An Efficient Route for Radical Stabilization. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4726-4735.	1.2	15
20	Copper-Assisted Amination of Boronic Acids for Synthesis of Bulky Diarylamines: Experimental and DFT Study. <i>Chemistry - A European Journal</i> , 2017, 23, 12575-12584.	1.7	16
21	Metal complexes of diaryltetrabenzodiazaporphyrins. <i>ChemistrySelect</i> , 2016, 1, 360-374.	0.7	6
22	Polymer biquinolyl-containing complexes of Pd(II) as efficient catalysts for cyanation of aryl and vinyl halides with $K_4Fe(CN)_6$. <i>New Journal of Chemistry</i> , 2016, 40, 10465-10473.	1.4	7
23	Cerium bis(tetradiazepinoporphyrazinate): synthesis and peculiarities of spectral and electrochemical behavior. <i>New Journal of Chemistry</i> , 2015, 39, 5797-5804.	1.4	9
24	Compounds of Group 14 Elements with an Element-Element (E = Si, Ge, Sn) Bond: Effect of the Nature of the Element Atom. <i>Organometallics</i> , 2015, 34, 2765-2774.	1.1	28
25	Solvent switchable Cu^{II} complexes. <i>New Journal of Chemistry</i> , 2014, 38, 709-716.	1.4	10
26	Palladium nanoparticles-polypyrrole composite as an efficient catalyst for cyanation of aryl halides. <i>Electrochimica Acta</i> , 2014, 122, 289-295.	2.6	27
27	Chiral Nickel(II) Binuclear Complexes: Targeted Diastereoselective Electrosynthesis. <i>Organometallics</i> , 2014, 33, 4639-4654.	1.1	23
28	Pyrrolizidine and cyclobutane bridged double-caged fullerene derivatives. <i>New Journal of Chemistry</i> , 2013, 37, 804.	1.4	6
29	Electrochemical Formation of the Redox-Active Metal-Containing Polymers for Catalytic and Electrocatalytic Applications. <i>ECS Transactions</i> , 2011, 35, 1-17.	0.3	3
30	New heterobimetallic Cu(I)-Pd(II)-containing polymer complexes: Electrochemical synthesis and application in catalysis. <i>Electrochimica Acta</i> , 2011, 56, 3666-3672.	2.6	20
31	New Cu(I) complexes with 2,2'-biquinolyl and 2,2'-quinolyl-pyridine containing polymer ligands as electrocatalysts for O_2 activation in the oxidation of aliphatic amines. <i>Electrochimica Acta</i> , 2009, 54, 1444-1451.	2.6	14
32	New Cu(I) complexes with biquinolyl-containing polymer ligands as electrocatalysts for O_2 activation in the oxidation of alcohols. <i>Electrochimica Acta</i> , 2008, 53, 3960-3972.	2.6	15