Tatiana V Magdesieva

List of Publications by Year
in descending order

43	432	686830 13	839053 18
papers	citations	h-index	g-index

44	44	44	341
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polypyrroleâ€“palladium nanoparticles composite as efficient catalyst for Suzukiâ€“Miyaura coupling. Journal of Molecular Catalysis A, 2012, 353-354, 50-57.	4.8	42
2	Palladium nanoparticlesâ€“polypyrrole composite as an efficient catalyst for cyanation of aryl halides. Electrochimica Acta, 2014, 122, 289-295.	2.6	27
3	Electrochemically Deprotonated Chiral Nickel(II) Glycinate in Stereoselective Nucleophilic Addition to Michael Acceptors: Advantages and Limitations. Organometallics, 2014, 33, 4629-4638.	1.1	27
4	Palladiumâ€“Polypyrrole Nanoparticles-Catalyzed Sonogashira Coupling. Mendeleev Communications, 2012, 22, 305-306.	0.6	25
5	Chiral Nickel(II) Binuclear Complexes: Targeted Diastereoselective Electrosynthesis. Organometallics, 2014, 33, 4639-4654.	1.1	23
6	Molecular design of ambipolar redox-active open-shell molecules: Principles and implementations. Current Opinion in Electrochemistry, 2020, 24, 15-23.	2.5	18
7	Stereoselective Electrosynthesis of Î²â€Hydroxyâ€Î±â€Amino Acids in the Form of Ni^{II}â€Schiffâ€Base Complexes. European Journal of Organic Chemistry, 2019, 2019, 3174-3182.	1.2	17
8	Copperâ€Assisted Amination of Boronic Acids for Synthesis of Bulky Diarylamines: Experimental and DFT Study. Chemistry - A European Journal, 2017, 23, 12575-12584.	1.7	16
9	Twisting of diarylnitroxides: An efficient tool for redox tuning. Electrochimica Acta, 2018, 260, 459-467.	2.6	16
10	Individual (^{f,t}A)â€•and (^{f,t}C)â€Fullereneâ€Based Nickel(II) Glycinates: Protected Chiral Amino Acids Directly Linked to a Chiral Ïâ€Electron System. Angewandte Chemie - International Edition, 2017, 56, 2704-2708.	7.2	15
11	Twisted Diarylnitroxides: An Efficient Route for Radical Stabilization. European Journal of Organic Chemistry, 2017, 2017, 4726-4735.	1.2	15
12	Stereoselective electrochemical thioalkylation of glycine in Ni(II) coordination environment. Tetrahedron Letters, 2018, 59, 2831-2834.	0.7	15
13	Synthesis of unsymmetrical N-(2-tert-butylphenyl)-N-(4-tert-butylphenyl)nitroxyl radical, the first stable diarylnitroxyl with vacant para-position. Mendeleev Communications, 2016, 26, 535-537.	0.6	13
14	Ni(II) Schiffâ€Base Complexes as Chiral Electroauxiliaries and Methodological Platform for Stereoselective Electrochemical Functionalization of Amino Acids. Chemical Record, 2021, 21, 2178-2192.	2.9	13
15	Molecular design of ambipolar redox-active molecules II: closed-shell systems. Current Opinion in Electrochemistry, 2020, 24, 6-14.	2.5	13
16	Chameleonic Behavior of the Î±â€Methylcyclopropyl Group and Its Throughâ€Space Interactions: A Route to Stabilized Three Redox States in Diarylnitroxides. Chemistry - A European Journal, 2020, 26, 6793-6804.	1.7	12
17	Competitive Routes for Electrochemical Oxidation of Substituted Diarylamines: the Guidelines. ChemElectroChem, 2018, 5, 3391-3410.	1.7	11
18	Noncovalent interactions within 3D molecular structure of diastereoisomers: A background for stereodependent redox activity. Electrochimica Acta, 2019, 306, 568-574.	2.6	9

#	Article	IF	Citations
19	Amination of Aryl Boronic Acids with Alkylnitrites: A Convenient Complement to Cu-Promoted Reductive Amination. Organic Letters, 2019, 21, 10028-10032.	2.4	9
20	Which Stereoinductor Is Better for Asymmetric Functionalization of Î±â€Amino Acids in a Nickel(II) Coordination Environment? Experimental and DFT Considerations. Chemistry - A European Journal, 2020, 26, 7074-7082.	1.7	9
21	Carbonâ€•and SO₂â€Locked Diarylnitroxides: Quantum Chemical Consideration, Synthesis, and Electrochemistry. European Journal of Organic Chemistry, 2019, 2019, 6225-6231.	1.2	8
22	Electrochemical Transformations of Chiral Ni(II) Schiff Base Derivative of Serine: A Route to Novel Structures. ChemElectroChem, 2020, 7, 3361-3367.	1.7	8
23	Stereoselective arylthiolation of dehydroalanine in the NiII coordination environment: the stereoinductor of choice. Mendeleev Communications, 2021, 31, 337-340.	0.6	8
24	Polymer biquinolyl-containing complexes of Pd(ii) as efficient catalysts for cyanation of aryl and vinyl halides with K4Fe(CN)6. New Journal of Chemistry, 2016, 40, 10465-10473.	1.4	7
25	Computational electrochemistry of diarylnitroxides. Mendeleev Communications, 2018, 28, 187-189.	0.6	7
26	Coreyâ€Ð¡haykovsky cyclopropanation of dehydroalanine in the Ni(II) coordination environment: Electrochemical vs. chemical activation. Electrochimica Acta, 2022, 409, 139980.	2.6	7
27	New binuclear Ni(II)â€“glycinate homologues: electrochemically distinguishable diastereomers. Electrochimica Acta, 2015, 179, 263-275.	2.6	6
28	Redoxâ€Amphoteric 4,4â€™â€Dicyclopropyldiphenylnitroxyl Radical: Unexpectedly High Stability. ChemistrySelect, 2021, 6, 9653-9656.	0.7	6
29	Solvent-triggered stereoselectivity of Î±,Î±-cyclopropanation of amino acids in the Ni(<scp>ii</scp>) chiral coordination environment. Dalton Transactions, 2020, 49, 8636-8644.	1.6	5
30	Individual (^{f,t}A)â€•and (^{f,t}C)â€Fullereneâ€Based Nickel(II) Glycinates: Protected Chiral Amino Acids Directly Linked to a Chiral Ï€â€Electron System. Angewandte Chemie, 2017, 129, 2748-2752.	1.6	3
31	Stability of twisted diarylnitroxides: Photochemical tests. Tetrahedron Letters, 2018, 59, 3124-3127.	0.7	3
32	Sol-gel-modified membranes for all-organic battery based on bis-(tert-butylphenyl)nitroxide. Colloid and Polymer Science, 2019, 297, 317-323.	1.0	3
33	Diastereomeric Ni(II) Schiff-base cysteine derivatives: Non-covalent interactions and redox activity. Electrochimica Acta, 2021, 388, 138537.	2.6	3
34	Pyridineâ€Containing Donorâ€Acceptor Diarylnitroxides: Noncovalent Stabilization of the Redox States. ChemPlusChem, 2022, 87, e202100508.	1.3	3
35	Pdâ€Polypyrrole Nanocomposite in Environmentally Friendly Synthesis of Vinylnitriles Using K₄Fe(CN)₆. ChemistrySelect, 2018, 3, 4237-4243.	0.7	2
36	Reductive Amination of Aryl Boronic Acids: Parallelism of the Catalytic Reactivity of Transition Metals and Main Group Elements in the C(sp2)â€“N Bond-Forming Reactions. Synthesis, 2020, 52, 1897-1902.	1.2	2

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37	[1,2]â€Shift in Chiral Ni(II) Schiffâ€Base Derivatives: Conversion of Î±â€•Thiobenzylated Amino Acid into the Cysteine Derivative. ChemistrySelect, 2021, 6, 3313-3317.	0.7	2
38	Diarylamine/diarylnitroxide cycle: quantum chemical and electrochemical estimation. Heliyon, 2019, 5, e02735.	1.4	1
39	Regioâ€•and Chemoselectivity of Oxidative Conversion of Diarylamines to N,Nâ€™â€Diaryldihydrophenazines and N,Nâ€™â€Diarylbenzidines: DFT and Experimental Study. ChemistrySelect, 2021, 6, 9769-9775.	0.7	1
40	Diarylamines with the Neighboring Pyridyl Group: Synthesis and Modulation of the Amine Functionality via Intramolecular H-Bonding. Synthesis, 2022, 54, 1601-1612.	1.2	1
41	Ambipolar diarylnitroxides: Molecular design and electrochemical testing. Electrochemical Science Advances, 0, , .	1.2	1
42	Frontispiece: Chameleonic Behavior of the Î±â€Methylcyclopropyl Group and Its Throughâ€Space Interactions: A Route to Stabilized Three Redox States in Diarylnitroxides. Chemistry - A European Journal, 2020, 26, .	1.7	0
43	Stereoselective arylthiolation of dehydroalanine in the NiII coordination environment: the stereoinductor of choice. Mendeleev Communications, 2021, 31, 337-340.	0.6	0