

Yulia B Dudkina

List of Publications by Year in descending order

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papers

636
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#	ARTICLE	IF	CITATIONS
1	Electrochemical Ortho Functionalization of 2-Phenylpyridine with Perfluorocarboxylic Acids Catalyzed by Palladium in Higher Oxidation States. <i>Organometallics</i> , 2013, 32, 4785-4792.	2.3	85
2	M ^{II} /M ^{III} -Catalyzed <i>ortho</i> -Fluoroalkylation of 2-Phenylpyridine. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2114-2117.	2.4	65
3	Electrochemical properties of diphosphonate-bridged palladacycles and their reactivity in arene phosphonation. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2665-2672.	2.5	50
4	Electrochemical nickel-induced fluoroalkylation: synthetic, structural and mechanistic study. <i>Dalton Transactions</i> , 2012, 41, 165-172.	3.3	46
5	Eco-efficient electrocatalytic C-P bond formation. <i>Pure and Applied Chemistry</i> , 2017, 89, 311-330.	1.9	44
6	Redox trends in cyclometalated palladium(λ^2) complexes. <i>Dalton Transactions</i> , 2017, 46, 165-177.	3.3	34
7	Redox-Induced Aromatic C-H Bond Functionalization in Metal Complex Catalysis from the Electrochemical Point of View. <i>Inorganics</i> , 2017, 5, 70.	2.7	31
8	Prospects of synthetic electrochemistry in the development of new methods of electrocatalytic fluoroalkylation. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 301-305.	1.8	30
9	High thermally stable π -A chromophores with quinoxaline moieties in the conjugated bridge: Synthesis, DFT calculations and physical properties. <i>Dyes and Pigments</i> , 2018, 156, 175-184.	3.7	27
10	D- π -A chromophores with a quinoxaline core in the π -bridge and bulky aryl groups in the acceptor: Synthesis, properties, and femtosecond nonlinear optical activity of the chromophore/PMMA guest-host materials. <i>Dyes and Pigments</i> , 2021, 184, 108801.	3.7	27
11	Push-pull isomeric chromophores with vinyl- and divinylquinoxaline-2-one units as π -electron bridge: Synthesis, photophysical, thermal and electro-chemical properties. <i>Dyes and Pigments</i> , 2017, 146, 82-91.	3.7	23
12	Nanoheterogeneous catalysis in electrochemically induced olefin perfluoroalkylation. <i>Dalton Transactions</i> , 2015, 44, 8833-8838.	3.3	19
13	Considerations on electrochemical behavior of NLO chromophores: Relation of redox properties and NLO activity. <i>Electrochimica Acta</i> , 2021, 368, 137578.	5.2	19
14	[(MeCN)Ni(CF ₃) ₃] ⁺ and [Ni(CF ₃) ₃] ₄ ²⁺ : Foundations toward the Development of Trifluoromethylations at Unsupported Nickel. <i>Inorganic Chemistry</i> , 2020, 59, 9143-9151.	4.0	17
15	Isomeric indolizine-based π -expanded push-pull NLO-chromophores: Synthesis and comparative study. <i>Journal of Molecular Structure</i> , 2018, 1156, 74-82.	3.6	16
16	Novel electrochemical pathway to fluoroalkyl phosphines and phosphine oxides. <i>Journal of Fluorine Chemistry</i> , 2013, 153, 178-182.	1.7	15
17	Cyclometalated Nickel Complexes as Key Intermediates in C(sp ²)-H Bond Functionalization: Synthesis, Catalysis, Electrochemical Properties, and DFT Calculations. <i>Organometallics</i> , 2019, 38, 1254-1263.	2.3	15
18	Progress of electrochemical λ^2 -H phosphonation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 415-419.	1.6	14

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19	Nonlinear optical activity of push-pull indolizine-based chromophores with various acceptor moieties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 764-772.	3.9	13
20	Selective C(sp ²)-H Amination Catalyzed by High-Valent Cobalt(III)/(IV)-bpy Complex Immobilized on Silica Nanoparticles. <i>ChemCatChem</i> , 2019, 11, 5615-5624.	3.7	10
21	Indolizine-based chromophores with octatetraene π -bridge and tricyanofurane acceptor: Synthesis, photophysical, electrochemical and electro-optic properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 386, 112125.	3.9	9
22	D- π -A' π -A chromophores with quinoxaline core in the π -electron bridge and charged heterocyclic acceptor moiety: Synthesis, DFT calculations, photophysical and electro-chemical properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 407, 113042.	3.9	8
23	Composing NLO Chromophore as a Puzzle: Electrochemistry-based Approach to Design and Effectiveness. <i>ChemPhysChem</i> , 2021, 22, 2313-2328.	2.1	4
24	Ligand and solvent effects on the kinetics of the electrochemical reduction of Ni(II) complexes: Experiment and quantum chemical modeling. <i>Electrochimica Acta</i> , 2021, 395, 139138.	5.2	4
25	Synthesis of fullereryl-1,2,3-triazoles by reaction of fullereryl azide with terminal acetylenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9299-9305.	2.8	4
26	Electrocatalytic fluoroalkylation of olefins. Nickel-catalyzed polyfluoroalkylation of allylisocyanurates. <i>Russian Chemical Bulletin</i> , 2013, 62, 2362-2366.	1.5	3
27	Synthesis and Reactivity of New Aminophenolate Complexes of Nickel. <i>Molecules</i> , 2014, 19, 13603-13613.	3.8	2
28	Electrochemical and electrophysical properties of aminomethano- and tetrahydropyridino-C 60 -fullerenes. <i>Mendeleev Communications</i> , 2017, 27, 201-203.	1.6	2