

Jaroslav Zadny

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

430
citations

840119

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22
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	A General Approach to Optically Pure [5]helicene, [6]helicene, and [7]Heterohelicenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5857-5861.	7.2	70
2	Synthesis and Characterization of a Helicene-Based Imidazolium Salt and Its Application in Organic Molecular Electronics. <i>Chemistry - A European Journal</i> , 2015, 21, 2343-2347.	1.7	58
3	Helicene-SPP-Based Chiral Plasmonic Hybrid Structure: Toward Direct Enantiomers SERS Discrimination. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1555-1562.	4.0	54
4	2-Bromo[6]helicene as a Key Intermediate for [6]Helicene Functionalization. <i>Journal of Organic Chemistry</i> , 2018, 83, 3607-3616.	1.7	34
5	Exploration of 9-bromo[7]helicene reactivity. <i>Tetrahedron</i> , 2013, 69, 6213-6218.	1.0	32
6	Preparation and Physicochemical Properties of [6]Helicenes Fluorinated at Terminal Rings. <i>Journal of Organic Chemistry</i> , 2019, 84, 1980-1993.	1.7	30
7	Enantioenriched Ruthenium-Tris-Bipyridine Complexes Bearing One Helical Bipyridine Ligand: Access to Fused Multihelicenic Systems and Chiroptical Redox Switches. <i>Inorganic Chemistry</i> , 2021, 60, 11838-11851.	1.9	16
8	Oxidative Photocyclization of Aromatic Schiff Bases in Synthesis of Phenanthridines and Other Aza-PAHs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5868.	1.8	15
9	Post-Synthetic Derivatization of Graphitic Carbon Nitride with Methanesulfonyl Chloride: Synthesis, Characterization and Photocatalysis. <i>Nanomaterials</i> , 2020, 10, 193.	1.9	13
10	Tetramethyl(perfluoroalkyl)cyclopentadienyl rhodium(III) complexes containing phosphorus and nitrogen monodentate donors. Crystal structure of. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1557-1570.	0.8	11
11	Redox and optically active carbohelicene layers prepared by potentiodynamic polymerization. <i>Electrochemistry Communications</i> , 2020, 113, 106689.	2.3	11
12	Synthesis of Aza[n]helicenes ($n = 4-7$) via Photocyclodehydrochlorination of 1-Chloro-N-aryl-2-naphthamides. <i>Journal of Organic Chemistry</i> , 2022, 87, 7150-7166.	1.7	10
13	Synthesis of a Helical Phosphine and a Catalytic Study of Its Palladium Complex. <i>ACS Omega</i> , 2020, 5, 882-892.	1.6	8
14	Chiral Electrochemistry: Anodic Deposition of Enantiopure Helical Molecules. <i>ChemPlusChem</i> , 2020, 85, 1954-1958.	1.3	8
15	Potential-Driven On/Off Switch Strategy for the Electrosynthesis of [7]Helicene-Derived Polymers. <i>ChemElectroChem</i> , 2017, 4, 3047-3052.	1.7	7
16	Chiroplasmon-active optical fiber probe for environment chirality estimation. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130122.	4.0	7
17	Multiscale in modelling and validation for solar photovoltaics. <i>EPJ Photovoltaics</i> , 2018, 9, 10.	0.8	6
18	Synthesis of 2-Phospha[7]helicene, a Helicene with a Terminal Phosphinine Ring. <i>Organic Letters</i> , 2022, 24, 4756-4761.	2.4	4

#	ARTICLE	IF	CITATIONS
19	Flavin-Helicene Amphiphilic Hybrids: Synthesis, Characterization, and Preparation of Surface-Supported Films. ChemPlusChem, 2021, 86, 982-990.	1.3	3