

Dirk Michalik

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

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1163117

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docs citations

18
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	A chemical reaction controlled by light-activated molecular switches based on hetero-cyclopentanediyls. <i>Chemical Science</i> , 2019, 10, 3486-3493.	7.4	22
2	The Effect of Additives on the Viscosity and Dissolution of Cellulose in Tetrabutylphosphonium Hydroxide. <i>ChemSusChem</i> , 2019, 12, 3458-3462.	6.8	13
3	A Comparative Study on the Thermodynamics of Halogen Bonding of Group 10 Pincer Fluoride Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 3571-3577.	3.3	13
4	Phosphorus Speciation in Long-Term Drained and Rewetted Peatlands of Northern Germany. <i>Soil Systems</i> , 2020, 4, 11.	2.6	13
5	Azadiphosphaindane-1,3-diyls: A Class of Resonance-Stabilized Biradicals. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1507-1512.	13.8	13
6	Heterocyclopentanediyls vs Heterocyclopentadienes: A Question of Silyl Group Migration. <i>Journal of Organic Chemistry</i> , 2020, 85, 14435-14445.	3.2	12
7	Ecophysiological, morphological, and biochemical traits of free-living <i>Diplosphaera chodatii</i> (Trebouxiophyceae) reveal adaptation to harsh environmental conditions. <i>Protoplasma</i> , 2021, 258, 1187-1199.	2.1	11
8	Lewis Acid-Catalyzed Carbofunctionalization of Uncommon <i>C</i> , <i>N</i> -Diacyliminium Ions: Controlling Regio- and Enantioselectivity. <i>Organic Letters</i> , 2021, 23, 7834-7838.	4.6	10
9	Synthesis and Solution Structure of 1 <i>H</i> -benzo-1,5-diazepine Derivatives with a Perfluoroalkyl Side Chain. <i>Helvetica Chimica Acta</i> , 2016, 99, 361-372.	1.6	9
10	Reversible switching between housane and cyclopentenediyl isomers: an isonitrile-catalysed thermal reverse reaction. <i>Dalton Transactions</i> , 2020, 49, 13986-13992.	3.3	8
11	3,5-Dioxopimelates as new synthetic building blocks. Cyclocondensation with 1,2-, 1,3- and 1,4-dinucleophiles. <i>Tetrahedron</i> , 2012, 68, 6456-6462.	1.9	7
12	A Phosphorus-Based Pacman Dication Generated by Cooperative Self-Activation of a Pacman Phosphane. <i>Chemistry - A European Journal</i> , 2021, , .	3.3	7
13	Efficient synthesis of O-antigen fragments expressed by <i>Burkholderia anthina</i> by modular synthesis approach. <i>Carbohydrate Research</i> , 2015, 404, 98-107.	2.3	5
14	NMR spectroscopic and theoretical studies on the isomerism of 1,5-benzodiazepin-2-one derivatives containing a perfluorinated side chain. <i>Journal of Molecular Structure</i> , 2019, 1196, 215-221.	3.6	3
15	Azadiphosphaindan-1,3-diyl: Eine Gruppe von resonanzstabilisierten Biradikalen. <i>Angewandte Chemie</i> , 2021, 133, 1530-1535.	2.0	3
16	NMR Spectroscopic and Theoretical Studies on Tautomerism and Isomerism of Perfluoroalkyl-Substituted 1,5-Benzodiazepines. <i>ChemistrySelect</i> , 2020, 5, 4221-4230.	1.5	1
17	Hydrogenation of gossypol catalyzed by supported noble metals. <i>Tetrahedron Letters</i> , 2020, 61, 152630.	1.4	0
18	NMR spectroscopic and theoretical study on the isomerism of dimethyl benzodiazepine(diyldene)diacetates. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 845-856.	1.9	0