

Aleksei Bredihhin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

347
citations

840776

11
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888059

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25
all docs

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docs citations

25
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Azulene as an ingredient for visible-light- and stimuli-responsive photoswitches. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4460-4468.	2.8	20
2	1,2-Bis- and 1,2,3-tris(2,5-dimethylthiophen-3-yl)azulenes: Synthesis, structure and properties. <i>Dyes and Pigments</i> , 2020, 172, 107843.	3.7	3
3	Route for Conversion of Furfural to Ethylcyclopentane. <i>ACS Omega</i> , 2018, 3, 10211-10215.	3.5	1
4	Application of 5-Ethoxymethylfurfural (EMF) for the Production of Cyclopentenones. <i>Synthesis</i> , 2016, 48, 4181-4188.	2.3	19
5	Antiretroviral (HIV-1) activity of azulene derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1653-1657.	3.0	29
6	A Convenient Synthesis of Functionalized Azulenes via Negishi Cross-Coupling. <i>Synthesis</i> , 2015, 47, 538-548.	2.3	13
7	The First Preparation of Azulenylzinc Reagents and Their Use in Negishi Cross-Coupling. <i>Synthesis</i> , 2015, 47, 2663-2669.	2.3	10
8	Preparation of potential biofuel 5-ethoxymethylfurfural and other 5-alkoxymethylfurfurals in the presence of oil shale ash. <i>RSC Advances</i> , 2014, 4, 5689.	3.6	26
9	Evaluation of carbohydrates and lignocellulosic biomass from different wood species as raw material for the synthesis of 5-bromomethylfurfural. <i>Carbohydrate Research</i> , 2013, 375, 63-67.	2.3	29
10	Regioselective Metalations of Pyrimidines and Pyrazines by Using Frustrated Lewis Pairs of BF ₃ ·OEt ₂ and Hindered Magnesium and Zinc Amide Bases. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6776-6780.	3.8	61
11	The use of polyanions of hydrazines in the synthesis of heterocycles. <i>Tetrahedron</i> , 2009, 65, 5438-5442.	1.9	8
12	Synthesis of allyl hydrazine: a comparative study of different methods. <i>Arkivoc</i> , 2009, 2008, 116-125.	0.5	6
13	Effective strategy for the systematic synthesis of hydrazine derivatives. <i>Tetrahedron</i> , 2008, 64, 6788-6793.	1.9	39
14	A route towards a new hydrazino-ormosil. <i>Journal of Physics: Conference Series</i> , 2007, 93, 012032.	0.4	1
15	Efficient Methodology for Selective Alkylation of Hydrazine Derivatives. <i>Organic Letters</i> , 2007, 9, 1097-1099.	4.6	34
16	Use of Polyanions for Alkylation of Hydrazine Derivatives. <i>Organic Letters</i> , 2007, 9, 4975-4977.	4.6	27
17	Increasing the N-H Acidity: Introduction of Highly Electronegative Groups into the Hydrazine Molecule. <i>Synlett</i> , 2005, 2005, 1939-1941.	1.8	2
18	Acidity of Di- and Triprotected Hydrazine Derivatives in Dimethyl Sulfoxide and Aspects of Their Alkylation. <i>Journal of Organic Chemistry</i> , 2005, 70, 5916-5921.	3.2	19