

Konstantin I Galkin

List of Publications by Year in Descending Order

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20 papers	659 citations	10 h-index	22 g-index
22 ext. papers	846 ext. citations	5.7 avg, IF	4.69 L-index

#	Paper	IF	Citations
20	Diels-Alder Cycloadditions of Bio-Derived Furans with Maleimides as a Sustainable "Click" Approach towards Molecular, Macromolecular and Hybrid Systems. <i>Processes</i> , 2022 , 10, 30	2.9	0
19	Sustainable production of biofuel precursors by aldol condensation with biomass-derived 5-methylfurfural. <i>Mendeleev Communications</i> , 2022 , 32, 399-401	1.9	0
18	Intermolecular Diels-Alder Cycloadditions of Furfural-Based Chemicals from Renewable Resources: A Focus on the Regio- and Diastereoselectivity in the Reaction with Alkenes. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
17	Organocatalytic Deuteration Induced by the Dynamic Covalent Interaction of Imidazolium Cations with Ketones. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 1368-1378	5.6	3
16	The Increasing Value of Biomass: Moving From C6 Carbohydrates to Multifunctionalized Building Blocks via 5-(hydroxymethyl)furfural. <i>ChemistryOpen</i> , 2020 , 9, 1135-1148	2.3	8
15	Ambident Reactivity of Imidazolium Cations as Evidence of the Dynamic Nature of N-Heterocyclic Carbene-Mediated Organocatalysis. <i>Chemistry - A European Journal</i> , 2020 , 26, 8567-8571	4.8	3
14	Directing-Group-Free, Carbonyl Group-Promoted Catalytic C-H Arylation of Bio-Based Furans. <i>ACS Catalysis</i> , 2020 , 10, 11466-11480	13.1	4
13	Synthesis of 2-Azidomethyl-5-ethynylfuran: A New Bio-Derived Self-Clickable Building Block. <i>Synthesis</i> , 2019 , 51, 1235-1242	2.9	9
12	When Will 5-Hydroxymethylfurfural, the "Sleeping Giant" of Sustainable Chemistry, Awaken?. <i>ChemSusChem</i> , 2019 , 12, 2976-2982	8.3	78
11	Towards Improved Biorefinery Technologies: 5-Methylfurfural as a Versatile C Platform for Biofuels Development. <i>ChemSusChem</i> , 2019 , 12, 185-189	8.3	27
10	Rapid Mix-and-Stir Preparation of Well-Defined Palladium on Carbon Catalysts for Efficient Practical Use. <i>ChemCatChem</i> , 2018 , 10, 1869-1873	5.2	27
9	Chemical Transformations of Biomass-Derived C6-Furanic Platform Chemicals for Sustainable Energy Research, Materials Science, and Synthetic Building Blocks. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 8064-8092	8.3	149
8	Facile Chemical Access to Biologically Active Norcantharidin Derivatives from Biomass. <i>Molecules</i> , 2017 , 22,	4.8	16
7	Critical Influence of 5-Hydroxymethylfurfural Aging and Decomposition on the Utility of Biomass Conversion in Organic Synthesis. <i>Angewandte Chemie</i> , 2016 , 128, 8478-8482	3.6	33
6	Direct Observation of Self-Organized Water-Containing Structures in the Liquid Phase and Their Influence on 5-(Hydroxymethyl)furfural Formation in Ionic Liquids. <i>Angewandte Chemie</i> , 2016 , 128, 2201-2206	3.6	7
5	Critical Influence of 5-Hydroxymethylfurfural Aging and Decomposition on the Utility of Biomass Conversion in Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8338-42	16.4	116
4	Direct Observation of Self-Organized Water-Containing Structures in the Liquid Phase and Their Influence on 5-(Hydroxymethyl)furfural Formation in Ionic Liquids. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2161-6	16.4	72

3	Challenges in the development of organic and hybrid molecular systems. <i>Mendeleev Communications</i> , 2016 , 26, 365-374	1.9	86
2	Mixed-ligand di- μ -chloro-bridged Rhodium Dimers as Key Intermediates in the Synthesis of Acyclic (p-allyl)-closo-rhodacarboranes. <i>Mendeleev Communications</i> , 2013 , 23, 193-195	1.9	1
1	New Acyclic (η -Allyl)-closo-rhodacarboranes with an Agostic CH ₃ ...Rh Bonding Interaction That Operate as Unmodified Rhodium-Based Catalysts for Alkene Hydroformylation. <i>Organometallics</i> , 2012 , 31, 6080-6084	3.8	15