

Pavel A Zaikin

List of Publications by Year in descending order

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papers

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docs citations

17
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic Liquid-Assisted Grinding: An Electrophilic Fluorination Benchmark. <i>Molecules</i> , 2021, 26, 5756.	3.8	12
2	Substituents effects in the Diels-Alder reaction of 1,1-difluoronaphthalen-2(1H)-ones with cyclopentadiene. <i>Journal of Fluorine Chemistry</i> , 2021, 250, 109859.	1.7	1
3	Formation of Hydrocarbons in the Presence of Native Iron under Upper Mantle Conditions: Experimental Constraints. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 88.	2.0	2
4	The Diels-Alder Reaction for the Synthesis of Polycyclic Aromatic Compounds. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7271-7306.	2.4	35
5	Hydrogenation of carbon at 5.5-7.8 GPa and 1100-1400 °C: Implications to formation of hydrocarbons in reduced mantles of terrestrial planets. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 291, 12-23.	1.9	8
6	C- and N-bearing Species in Reduced Fluids in the Simplified C-O-H-N System and in Natural Pelite at Upper Mantle P-T Conditions. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 712.	2.0	1
7	Electrophilic and Oxidative Fluorination of Aromatic Compounds. , 2019, , 105-135.		8
8	1,1-Difluoronaphthalen-2(1H)-ones as building blocks for fluorinated tetraphenes. <i>Journal of Fluorine Chemistry</i> , 2018, 210, 88-93.	1.7	6
9	The Fe-C-O-H-N system at 6.3-7.8 GPa and 1200-1400 °C: implications for deep carbon and nitrogen cycles. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	11
10	Solvent-Free Fluorination of Electron-Rich Aromatic Compounds with F-TEDA-BF ₄ : Toward a Dry-Processes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2469-2474.	2.4	15
11	1,1-Difluoronaphthalene-2(1H)-ones in Diels-Alder reaction. <i>Journal of Fluorine Chemistry</i> , 2017, 199, 20-29.	1.7	4
12	Calcareous sediments of the Muwaqqar Chalk Marl Formation, Jordan: Mineralogical and geochemical evidences for Zn and Cd enrichment. <i>Gondwana Research</i> , 2017, 46, 204-226.	6.0	32
13	Selectivity of stationary phases based on pyridinium ionic liquids for capillary gas chromatography. <i>Russian Journal of Physical Chemistry A</i> , 2014, 88, 717-721.	0.6	10
14	Highly selective catalytic propylene glycol synthesis from alkyl lactate over copper on silica: Performance and mechanism. <i>Applied Catalysis B: Environmental</i> , 2012, 119-120, 340-347.	20.2	19
15	Mechanism of electrophilic fluorination of aromatic compounds with NF-reagents. <i>Russian Journal of Organic Chemistry</i> , 2007, 43, 1451-1459.	0.8	12
16	Electrophilic fluorination of aromatic compounds with NF type reagents: kinetic isotope effects and mechanism. <i>Tetrahedron Letters</i> , 2006, 47, 2639-2642.	1.4	24