

Pavel A Zaikin

List of Publications by Year in descending order

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16
papers

200
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Solvent-free Fluorination of Electron-Rich Aromatic Compounds with F ₄ TEDA·BF ₄ : Toward “Dry”-Processes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2469-2474.	2.4	15
6	Mechanism of electrophilic fluorination of aromatic compounds with NF-reagents. <i>Russian Journal of Organic Chemistry</i> , 2007, 43, 1451-1459.	0.8	12
7	Ionic Liquid-Assisted Grinding: An Electrophilic Fluorination Benchmark. <i>Molecules</i> , 2021, 26, 5756.	3.8	12
8	The Fe–C–O–H–N system at 6.3–7.8 GPa and 1200–1400 Å°C: implications for deep carbon and nitrogen cycles. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	11
9	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
10	Hydrogenation of carbon at 5.5–7.8 GPa and 1100–1400 Å°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
11	Electrophilic and Oxidative Fluorination of Aromatic Compounds. , 2019, , 105-135.		8
12	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
13	1,1-Difluoronaphthalene-2(1H)-ones in Diels-Alder reaction. <i>Journal of Fluorine Chemistry</i> , 2017, 199, 20-29.	1.7	4
14	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
15	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
16	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