

Jakub PiÄta

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

197
citations

1162367

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h-index

1372195

10
g-index

15
all docs

15
docs citations

15
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Boronate-Based Probes for Biological Oxidants: A Novel Class of Molecular Tools for Redox Biology. <i>Frontiers in Chemistry</i> , 2020, 8, 580899.	1.8	48
2	Organocatalytic Synthesis of Optically Active Organophosphorus Compounds. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 677-702.	1.2	40
3	Fluorescent probes for the detection of nitroxyl (HNO). <i>Free Radical Biology and Medicine</i> , 2018, 128, 69-83.	1.3	29
4	Asymmetric Synthesis of 3,4-Dihydrocoumarins Bearing an α,β -Disubstituted Amino Acid Moiety. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3843-3848.	2.1	28
5	Chemical synthesis of an RNA sequence containing 2-thiocytidine (s2C): the DY647 labelled anticodon stem and loop sequence of <i>Staphylococcus aureus</i> tRNA ^{Arg} (s2C32, mnm5U34, t6A37). <i>Tetrahedron Letters</i> , 2011, 52, 4443-4447.	0.7	10
6	Site-specific incorporation of 5-methylaminomethyl-2-thiouridine and 2-thiouridine(s) into RNA sequences. <i>Tetrahedron Letters</i> , 2012, 53, 1214-1217.	0.7	9
7	Site-selected incorporation of 5-carboxymethylaminomethyl(-2-thio)uridine into RNA sequences by phosphoramidite chemistry. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1052.	1.5	9
8	Fluorescent probes for monitoring myeloperoxidase-derived hypochlorous acid: a comparative study. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
9	Increased Oxidative Stress in Asthma—Relation to Inflammatory Blood and Lung Biomarkers and Airway Remodeling Indices. <i>Biomedicines</i> , 2022, 10, 1499.	1.4	8
10	Kinetic Study on the Reactivity of Azanone (HNO) toward Cyclic C-Nucleophiles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12982.	1.8	6
11	The Chemistry of HNO: Mechanisms and Reaction Kinetics. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	2