

Mason Appel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1197861/publications.pdf>

Version: 2024-02-01

8
papers

422
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

614
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing enzyme functional architecture via high-throughput microfluidic enzyme kinetics. <i>Science</i> , 2021, 373, .	12.6	105
2	High throughput and quantitative enzymology in the genomic era. <i>Current Opinion in Structural Biology</i> , 2021, 71, 259-273.	5.7	18
3	uPICâ€M: Efficient and Scalable Preparation of Clonal Single Mutant Libraries for High-Throughput Protein Biochemistry. <i>ACS Omega</i> , 2021, 6, 30542-30554.	3.5	2
4	Formylglycine-generating enzyme binds substrate directly at a mononuclear Cu(I) center to initiate O ₂ activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5370-5375.	7.1	38
5	Piperidine-based glycodendrons as protein N-glycan prosthetics. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4791-4800.	3.0	4
6	Formylglycine, a Post-Translationally Generated Residue with Unique Catalytic Capabilities and Biotechnology Applications. <i>ACS Chemical Biology</i> , 2015, 10, 72-84.	3.4	138
7	Loss of Plastoglobule Kinases ABC1K1 and ABC1K3 Causes Conditional Degreening, Modified Prenyl-Lipids, and Recruitment of the Jasmonic Acid Pathway. <i>Plant Cell</i> , 2013, 25, 1818-1839.	6.6	92
8	<i>Mycobacterium tuberculosis</i> Rv3406 Is a Type II Alkyl Sulfatase Capable of Sulfate Scavenging. <i>PLoS ONE</i> , 2013, 8, e65080.	2.5	21