

Saba Parvez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1728800/publications.pdf>

Version: 2024-02-01

19
papers

838
citations

759233

12
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

941
citing authors

#	ARTICLE	IF	CITATIONS
1	Redox Signaling by Reactive Electrophiles and Oxidants. <i>Chemical Reviews</i> , 2018, 118, 8798-8888.	47.7	232
2	Bioorthogonal Removal of 3-Isocyanopropyl Groups Enables the Controlled Release of Fluorophores and Drugs in Vivo. <i>Journal of the American Chemical Society</i> , 2018, 140, 8410-8414.	13.7	103
3	Stable, Reactive, and Orthogonal Tetrazines: Dispersion Forces Promote the Cycloaddition with Isonitriles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9043-9048.	13.8	67
4	Substoichiometric Hydroxynonenylation of a Single Protein Recapitulates Whole-Cell-Stimulated Antioxidant Response. <i>Journal of the American Chemical Society</i> , 2015, 137, 10-13.	13.7	66
5	T-REX on-demand redox targeting in live cells. <i>Nature Protocols</i> , 2016, 11, 2328-2356.	12.0	62
6	Temporally Controlled Targeting of 4-Hydroxynonenal to Specific Proteins in Living Cells. <i>Journal of the American Chemical Society</i> , 2013, 135, 14496-14499.	13.7	60
7	Akt3 is a privileged first responder in isozyme-specific electrophile response. <i>Nature Chemical Biology</i> , 2017, 13, 333-338.	8.0	56
8	Isonitrile-responsive and bioorthogonally removable tetrazine protecting groups. <i>Chemical Science</i> , 2020, 11, 169-179.	7.4	41
9	Î²-TrCP1 Is a Vacillatory Regulator of Wnt Signaling. <i>Cell Chemical Biology</i> , 2017, 24, 944-957.e7.	5.2	39
10	MIC-Drop: A platform for large-scale in vivo CRISPR screens. <i>Science</i> , 2021, 373, 1146-1151.	12.6	36
11	Substrate specificity and reaction mechanism of purified alkane hydroxylase from the hydrocarbonoclastic bacterium <i>Alcanivorax borkumensis</i> (AbAlkB). <i>Journal of Inorganic Biochemistry</i> , 2013, 121, 46-52.	3.5	26
12	Wdr1 and cofilin are necessary mediators of immune-cell-specific apoptosis triggered by Tecfidera. <i>Nature Communications</i> , 2021, 12, 5736.	12.8	21
13	Uncoupling of Allosteric and Oligomeric Regulation in a Functional Hybrid Enzyme Constructed from <i>Escherichia coli</i> and Human Ribonucleotide Reductase. <i>Biochemistry</i> , 2013, 52, 7050-7059.	2.5	13
14	Stable, Reactive, and Orthogonal Tetrazines: Dispersion Forces Promote the Cycloaddition with Isonitriles. <i>Angewandte Chemie</i> , 2019, 131, 9141-9146.	2.0	12
15	Enhancing Multistep DNA Processing by Solid-Phase Enzyme Catalysis on Polyethylene Glycol Coated Beads. <i>Bioconjugate Chemistry</i> , 2018, 29, 2316-2324.	3.6	4
16	Stable, Reactive, and Orthogonal Tetrazines: Dispersion Forces Promote the Cycloaddition with Isonitriles (Angew. Chem. 27/2019). <i>Angewandte Chemie</i> , 2019, 131, 9390-9390.	2.0	0
17	Mechanistic Basis of Residue Specificity in Targeted Electrophilic Modification. <i>FASEB Journal</i> , 2015, 29, 565.10.	0.5	0
18	Substoichiometric Hydroxynonenylation of a Single Protein Recapitulates Whole-Cell-Stimulated Antioxidant Response. <i>FASEB Journal</i> , 2015, 29, 570.1.	0.5	0

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19	Chemistry-Driven Approaches to Deconstruct Redox-Linked Signal Transduction Networks. FASEB Journal, 2015, 29, 570.14.	0.5	0