

Michael RÃ¼hl

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

271
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Set of Tertiary Complex Structures and Palmitic Acid Binding Provide Molecular Insights into Ligand Design for RXR Isoforms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8457.	4.1	13
2	Structural snapshots of the minimal PKS system responsible for octaketide biosynthesis. <i>Nature Chemistry</i> , 2020, 12, 755-763.	13.6	35
3	Elucidation of chemical modifier reactivity towards peptides and proteins and the analysis of specific fragmentation by matrix-assisted laser desorption/ionization collision-induced dissociation tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 40-49.	1.5	6
4	Melleolides from Honey Mushroom Inhibit 5-Lipoxygenase via Cys159. <i>Cell Chemical Biology</i> , 2019, 26, 60-70.e4.	5.2	13
5	Detergent-assisted sample preparation for MALDI-MS: Investigation of octylglucoside and docecylmaltoside for matrix crystallization, on-plate digestion, and trypsin activity. <i>Journal of Mass Spectrometry</i> , 2018, 53, 675-679.	1.6	2
6	Nitro-fatty acids are formed in response to virus infection and are potent inhibitors of STING palmitoylation and signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7768-E7775.	7.1	150
7	Anti-inflammatory nitro-fatty acids suppress tumor growth by triggering mitochondrial dysfunction and activation of the intrinsic apoptotic pathway in colorectal cancer cells. <i>Biochemical Pharmacology</i> , 2018, 155, 48-60.	4.4	18
8	Characterization of the molecular mechanism of 5-lipoxygenase inhibition by 2-aminothiazoles. <i>Biochemical Pharmacology</i> , 2017, 123, 52-62.	4.4	9
9	Enhanced on-plate digestion of proteins using a MALDI-digestion chamber. <i>International Journal of Mass Spectrometry</i> , 2017, 416, 37-45.	1.5	7
10	Michael acceptor containing drugs are a novel class of 5-lipoxygenase inhibitor targeting the surface cysteines C416 and C418. <i>Biochemical Pharmacology</i> , 2017, 125, 55-74.	4.4	18