

J Thomas Hannich

List of Publications by Year in descending order

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16
papers

1,256
citations

759233

12
h-index

940533

16
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18
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18
docs citations

18
times ranked

1899
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining the SUMO-modified Proteome by Multiple Approaches in <i>Saccharomyces cerevisiae</i> *. <i>Journal of Biological Chemistry</i> , 2005, 280, 4102-4110.	3.4	354
2	Lipid Profiling by Multiple Precursor and Neutral Loss Scanning Driven by the Data-Dependent Acquisition. <i>Analytical Chemistry</i> , 2006, 78, 585-595.	6.5	272
3	Top-Down Lipidomic Screens by Multivariate Analysis of High-Resolution Survey Mass Spectra. <i>Analytical Chemistry</i> , 2007, 79, 4083-4093.	6.5	179
4	Distribution and Functions of Sterols and Sphingolipids. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a004762-a004762.	5.5	158
5	Methylation of the Sterol Nucleus by STRM-1 Regulates Dauer Larva Formation in <i>Caenorhabditis elegans</i> . <i>Developmental Cell</i> , 2009, 16, 833-843.	7.0	48
6	Mitochondrial arginase-2 is a cell-autonomous regulator of CD8+ T cell function and antitumor efficacy. <i>JCI Insight</i> , 2019, 4, .	5.0	47
7	Lysosome-targeted photoactivation reveals local sphingosine metabolism signatures. <i>Chemical Science</i> , 2019, 10, 2253-2258.	7.4	46
8	Structure and conserved function of iso-branched sphingoid bases from the nematode <i>Caenorhabditis elegans</i> . <i>Chemical Science</i> , 2017, 8, 3676-3686.	7.4	39
9	Ether lipids, sphingolipids and toxic 1-deoxyceramides as hallmarks for lean and obese type 2 diabetic patients. <i>Acta Physiologica</i> , 2021, 232, e13610.	3.8	29
10	Combined Omics Approach Identifies Gambogic Acid and Related Xanthenes as Covalent Inhibitors of the Serine Palmitoyltransferase Complex. <i>Cell Chemical Biology</i> , 2020, 27, 586-597.e12.	5.2	16
11	1-Deoxydihydroceramide causes anoxic death by impairing chaperonin-mediated protein folding. <i>Nature Metabolism</i> , 2019, 1, 996-1008.	11.9	15
12	Patched regulates lipid homeostasis by controlling cellular cholesterol levels. <i>Nature Communications</i> , 2021, 12, 4898.	12.8	15
13	Cytotoxicity of 1-deoxysphingolipid unraveled by genome-wide genetic screens and lipidomics in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2019, 30, 2814-2826.	2.1	14
14	Wnt-controlled sphingolipids modulate Anthrax Toxin Receptor palmitoylation to regulate oriented mitosis in zebrafish. <i>Nature Communications</i> , 2020, 11, 3317.	12.8	8
15	Treatment with HIV-Protease Inhibitor Nelfinavir Identifies Membrane Lipid Composition and Fluidity as a Therapeutic Target in Advanced Multiple Myeloma. <i>Cancer Research</i> , 2021, 81, 4581-4593.	0.9	8
16	Heterogeneous modulation of Bcl-2 family members and drug efflux mediate MCL-1 inhibitor resistance in multiple myeloma. <i>Blood Advances</i> , 2021, 5, 4125-4139.	5.2	6