

J Alan Maschek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8720892/publications.pdf>

Version: 2024-02-01

15
papers

942
citations

840776

11
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

1810
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting a ceramide double bond improves insulin resistance and hepatic steatosis. <i>Science</i> , 2019, 365, 386-392.	12.6	304
2	Energetic Trade-Offs and Hypometabolic States Promote Disease Tolerance. <i>Cell</i> , 2019, 177, 399-413.e12.	28.9	177
3	Machine learning reveals serum sphingolipids as cholesterol-independent biomarkers of coronary artery disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 1363-1376.	8.2	141
4	Mitochondrial PE potentiates respiratory enzymes to amplify skeletal muscle aerobic capacity. <i>Science Advances</i> , 2019, 5, eaax8352.	10.3	66
5	Metabolic model for diversity-generating biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1772-1777.	7.1	47
6	Lysophospholipid acylation modulates plasma membrane lipid organization and insulin sensitivity in skeletal muscle. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	34
7	Phospholipid methylation regulates muscle metabolic rate through Ca ²⁺ transport efficiency. <i>Nature Metabolism</i> , 2019, 1, 876-885.	11.9	30
8	Nampt Potentiates Antioxidant Defense in Diabetic Cardiomyopathy. <i>Circulation Research</i> , 2021, 129, 114-130.	4.5	28
9	The biochemical basis of mitochondrial dysfunction in Zellweger Spectrum Disorder. <i>EMBO Reports</i> , 2021, 22, e51991.	4.5	27
10	Mitochondrial dysfunction in mouse livers depleted of iron chaperone PCBP1. <i>Free Radical Biology and Medicine</i> , 2021, 175, 18-27.	2.9	21
11	Low lysophosphatidylcholine induces skeletal muscle myopathy that is aggravated by high-fat diet feeding. <i>FASEB Journal</i> , 2021, 35, e21867.	0.5	16
12	Alternative splicing of UCP1 by non-cell-autonomous action of PEMT. <i>Molecular Metabolism</i> , 2020, 31, 55-66.	6.5	13
13	Metabolic reprogramming of the myeloid lineage by <i>Schistosoma mansoni</i> infection persists independently of antigen exposure. <i>PLoS Pathogens</i> , 2021, 17, e1009198.	4.7	12
14	Cordyceps inhibits ceramide biosynthesis and improves insulin resistance and hepatic steatosis. <i>Scientific Reports</i> , 2022, 12, 7273.	3.3	10
15	Characterizing a Common CERS2 Polymorphism in a Mouse Model of Metabolic Disease and in Subjects from the Utah CAD Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3098-e3109.	3.6	8