

Ashley Solmonson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1851211/publications.pdf>

Version: 2024-02-01

13
papers

1,986
citations

840776

11
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

2907
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic reprogramming and cancer progression. <i>Science</i> , 2020, 368, .	12.6	1,054
2	Metabolic heterogeneity confers differences in melanoma metastatic potential. <i>Nature</i> , 2020, 577, 115-120.	27.8	298
3	Lipoic acid metabolism and mitochondrial redox regulation. <i>Journal of Biological Chemistry</i> , 2018, 293, 7522-7530.	3.4	251
4	Mitochondrial fatty acid synthesis coordinates oxidative metabolism in mammalian mitochondria. <i>ELife</i> , 2020, 9, .	6.0	62
5	Mitochondrial NADP ⁺ is essential for proline biosynthesis during cell growth. <i>Nature Metabolism</i> , 2021, 3, 571-585.	11.9	61
6	Functional Assessment of Lipoyltransferase-1 Deficiency in Cells, Mice, and Humans. <i>Cell Reports</i> , 2019, 27, 1376-1386.e6.	6.4	55
7	Mammalian MTHFD2L Encodes a Mitochondrial Methylenetetrahydrofolate Dehydrogenase Isozyme Expressed in Adult Tissues. <i>Journal of Biological Chemistry</i> , 2011, 286, 5166-5174.	3.4	51
8	Compartmentalized metabolism supports midgestation mammalian development. <i>Nature</i> , 2022, 604, 349-353.	27.8	47
9	The early metabolomic response of adipose tissue during acute cold exposure in mice. <i>Scientific Reports</i> , 2017, 7, 3455.	3.3	43
10	Uncoupling Proteins and the Molecular Mechanisms of Thyroid Thermogenesis. <i>Endocrinology</i> , 2016, 157, 455-462.	2.8	31
11	Mitochondrial uncoupling links lipid catabolism to Akt inhibition and resistance to tumorigenesis. <i>Nature Communications</i> , 2015, 6, 8137.	12.8	25
12	Metabolic impact of pathogenic variants in the mitochondrial <sc>glutamyl-tRNA</sc> synthetase <sc>EARS2</sc>. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 949-960.	3.6	5
13	Chewing the fat for Akt1 inhibition and oncosuppression. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1102795.	0.7	0