

Natalie M Niemi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

907
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567144

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22
times ranked

1879
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequent somatic mutations in MAP3K5 and MAP3K9 in metastatic melanoma identified by exome sequencing. <i>Nature Genetics</i> , 2012, 44, 165-169.	9.4	170
2	A Quantitative Map of the Liver Mitochondrial Phosphoproteome Reveals Posttranslational Control of Ketogenesis. <i>Cell Metabolism</i> , 2012, 16, 672-683.	7.2	141
3	Classification of T-cell activation via autofluorescence lifetime imaging. <i>Nature Biomedical Engineering</i> , 2021, 5, 77-88.	11.6	92
4	A Mitochondrial RNAi Screen Defines Cellular Bioenergetic Determinants and Identifies an Adenylate Kinase as a Key Regulator of ATP Levels. <i>Cell Reports</i> , 2014, 7, 907-917.	2.9	73
5	Birt-Hogg-DubÃ© renal tumors are genetically distinct from other renal neoplasias and are associated with up-regulation of mitochondrial gene expression. <i>BMC Medical Genomics</i> , 2010, 3, 59.	0.7	68
6	Quantitative shotgun proteome analysis by direct infusion. <i>Nature Methods</i> , 2020, 17, 1222-1228.	9.0	48
7	Ptc7p Dephosphorylates Select Mitochondrial Proteins to Enhance Metabolic Function. <i>Cell Reports</i> , 2017, 18, 307-313.	2.9	45
8	Pptc7 is an essential phosphatase for promoting mammalian mitochondrial metabolism and biogenesis. <i>Nature Communications</i> , 2019, 10, 3197.	5.8	45
9	A survey-based analysis of the academic job market. <i>ELife</i> , 2020, 9, .	2.8	36
10	MK-STYX, a Catalytically Inactive Phosphatase Regulating Mitochondrially Dependent Apoptosis. <i>Molecular and Cellular Biology</i> , 2011, 31, 1357-1368.	1.1	34
11	Mitochondrial Phosphorylation in Apoptosis: Flipping the Death Switch. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 572-582.	2.5	27
12	Integrative proteomics and biochemical analyses define Ptc6p as the <i>Saccharomyces cerevisiae</i> pyruvate dehydrogenase phosphatase. <i>Journal of Biological Chemistry</i> , 2017, 292, 11751-11759.	1.6	25
13	From sequence to function: using RNAi to elucidate mechanisms of human disease. <i>Cell Death and Differentiation</i> , 2008, 15, 809-819.	5.0	24
14	Downregulation of the Mitochondrial Phosphatase PTPMT1 Is Sufficient to Promote Cancer Cell Death. <i>PLoS ONE</i> , 2013, 8, e53803.	1.1	24
15	The Pseudophosphatase MK-STYX Physically and Genetically Interacts with the Mitochondrial Phosphatase PTPMT1. <i>PLoS ONE</i> , 2014, 9, e93896.	1.1	23
16	The extensive and functionally uncharacterized mitochondrial phosphoproteome. <i>Journal of Biological Chemistry</i> , 2021, 297, 100880.	1.6	23
17	Enhanced immunoprecipitation techniques for the identification of RNA-binding protein partners: IGF2BP1 interactions in mammary epithelial cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 101649.	1.6	3