

Paul A Grimsrud

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,290
citations

758635

12
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

2250
citing authors

#	ARTICLE	IF	CITATIONS
1	Nicotinamide riboside supplementation confers marginal metabolic benefits in obese mice without remodeling the muscle acetyl-proteome. <i>IScience</i> , 2022, 25, 103635.	1.9	11
2	Disruption of STIM1-mediated Ca ²⁺ sensing and energy metabolism in adult skeletal muscle compromises exercise tolerance, proteostasis, and lean mass. <i>Molecular Metabolism</i> , 2022, 57, 101429.	3.0	6
3	Deglutarylation of glutaryl-CoA dehydrogenase by deacylating enzyme SIRT5 promotes lysine oxidation in mice. <i>Journal of Biological Chemistry</i> , 2022, 298, 101723.	1.6	5
4	Proteomics and phosphoproteomics datasets of a muscle-specific STIM1 loss-of-function mouse model. <i>Data in Brief</i> , 2022, 42, 108051.	0.5	3
5	Statin therapy inhibits fatty acid synthase via dynamic protein modifications. <i>Nature Communications</i> , 2022, 13, 2542.	5.8	7
6	Mitochondrial lysine acylation and cardiometabolic stress: Truth or consequence?. <i>Current Opinion in Physiology</i> , 2022, , 100551.	0.9	1
7	Sirtuin 5 Is Regulated by the SCF ^{Cyclin F} Ubiquitin Ligase and Is Involved in Cell Cycle Control. <i>Molecular and Cellular Biology</i> , 2021, 41, .	1.1	8
8	Chronic caloric restriction maintains a youthful phosphoproteome in aged skeletal muscle. <i>Mechanisms of Ageing and Development</i> , 2021, 195, 111443.	2.2	9
9	Disruption of Acetyl-Lysine Turnover in Muscle Mitochondria Promotes Insulin Resistance and Redox Stress without Overt Respiratory Dysfunction. <i>Cell Metabolism</i> , 2020, 31, 131-147.e11.	7.2	41
10	Extreme Acetylation of the Cardiac Mitochondrial Proteome Does Not Promote Heart Failure. <i>Circulation Research</i> , 2020, 127, 1094-1108.	2.0	54
11	Respiratory Phenomics across Multiple Models of Protein Hyperacylation in Cardiac Mitochondria Reveals a Marginal Impact on Bioenergetics. <i>Cell Reports</i> , 2019, 26, 1557-1572.e8.	2.9	39
12	The BCKDH Kinase and Phosphatase Integrate BCAA and Lipid Metabolism via Regulation of ATP-Citrate Lyase. <i>Cell Metabolism</i> , 2018, 27, 1281-1293.e7.	7.2	222
13	Ablation of Sirtuin5 in the postnatal mouse heart results in protein succinylation and normal survival in response to chronic pressure overload. <i>Journal of Biological Chemistry</i> , 2018, 293, 10630-10645.	1.6	31
14	Remodeling of the Acetylproteome by SIRT3 Manipulation Fails to Affect Insulin Secretion or \hat{I}^2 Cell Metabolism in the Absence of Overnutrition. <i>Cell Reports</i> , 2018, 24, 209-223.e6.	2.9	26
15	SIRT4 Is a Lysine Deacylase that Controls Leucine Metabolism and Insulin Secretion. <i>Cell Metabolism</i> , 2017, 25, 838-855.e15.	7.2	259
16	A Class of Reactive Acyl-CoA Species Reveals the Non-enzymatic Origins of Protein Acylation. <i>Cell Metabolism</i> , 2017, 25, 823-837.e8.	7.2	205
17	Nicotinamide mononucleotide requires SIRT3 to improve cardiac function and bioenergetics in a Friedreich's ataxia cardiomyopathy model. <i>JCI Insight</i> , 2017, 2, .	2.3	96
18	The Acetyl Group Buffering Action of Carnitine Acetyltransferase Offsets Macronutrient-Induced Lysine Acetylation of Mitochondrial Proteins. <i>Cell Reports</i> , 2016, 14, 243-254.	2.9	77

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19	Mitochondrial DNA Variant in COX1 Subunit Significantly Alters Energy Metabolism of Geographically Divergent Wild Isolates in <i>Caenorhabditis elegans</i> . <i>Journal of Molecular Biology</i> , 2014, 426, 2199-2216.	2.0	49
20	A Quantitative Map of the Liver Mitochondrial Phosphoproteome Reveals Posttranslational Control of Ketogenesis. <i>Cell Metabolism</i> , 2012, 16, 672-683.	7.2	141