

Michaela Veliova

List of Publications by Year in descending order

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11
papers

846
citations

1040056

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1281871

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1307
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria Bound to Lipid Droplets Have Unique Bioenergetics, Composition, and Dynamics that Support Lipid Droplet Expansion. <i>Cell Metabolism</i> , 2018, 27, 869-885.e6.	16.2	359
2	Mitochondria Bound to Lipid Droplets: Where Mitochondrial Dynamics Regulate Lipid Storage and Utilization. <i>Cell Metabolism</i> , 2019, 29, 827-835.	16.2	179
3	A novel approach to measure mitochondrial respiration in frozen biological samples. <i>EMBO Journal</i> , 2020, 39, e104073.	7.8	110
4	The biology of lipid droplet-bound mitochondria. <i>Seminars in Cell and Developmental Biology</i> , 2020, 108, 55-64.	5.0	38
5	ATP-consuming futile cycles as energy dissipating mechanisms to counteract obesity. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2022, 23, 121-131.	5.7	33
6	NCLX prevents cell death during adrenergic activation of the brown adipose tissue. <i>Nature Communications</i> , 2020, 11, 3347.	12.8	31
7	Blocking mitochondrial pyruvate import in brown adipocytes induces energy wasting via lipid cycling. <i>EMBO Reports</i> , 2020, 21, e49634.	4.5	31
8	ABCB10 exports mitochondrial biliverdin, driving metabolic maladaptation in obesity. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	27
9	Recruitment and remodeling of peridroplet mitochondria in human adipose tissue. <i>Redox Biology</i> , 2021, 46, 102087.	9.0	17
10	Isolation and functional analysis of peridroplet mitochondria from murine brown adipose tissue. <i>STAR Protocols</i> , 2021, 2, 100243.	1.2	11
11	Forces, Fluxes, and Fuels: Tracking mitochondrial metabolism by integrating measurements of membrane potential, respiration, and metabolites. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C80-C91.	4.6	10