

# Essam A Assali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6122695/publications.pdf>

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#	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	Mitochondrial morphology regulates organellar Ca <sup>2+</sup> uptake and changes cellular Ca <sup>2+</sup> homeostasis. <i>FASEB Journal</i> , 2019, 33, 13176-13188.	0.5	90
3	NCLX prevents cell death during adrenergic activation of the brown adipose tissue. <i>Nature Communications</i> , 2020, 11, 3347.	12.8	31
4	Blocking mitochondrial pyruvate import in brown adipocytes induces energy wasting via lipid cycling. <i>EMBO Reports</i> , 2020, 21, e49634.	4.5	31
5	Nanoparticle-mediated lysosomal reacidification restores mitochondrial turnover and function in $\hat{1}^2$ cells under lipotoxicity. <i>FASEB Journal</i> , 2019, 33, 4154-4165.	0.5	29
6	Aberrant activity of mitochondrial NCLX is linked to impaired synaptic transmission and is associated with mental retardation. <i>Communications Biology</i> , 2021, 4, 666.	4.4	22
7	Recruitment and remodeling of peridroplet mitochondria in human adipose tissue. <i>Redox Biology</i> , 2021, 46, 102087.	9.0	17
8	MitoTimer-based high-content screen identifies two chemically-related benzothiophene derivatives that enhance basal mitophagy. <i>Biochemical Journal</i> , 2020, 477, 461-475.	3.7	11
9	Sprinkling salt on mitochondria: The metabolic and pathophysiological roles of mitochondrial Na <sup>+</sup> signaling mediated by NCLX. <i>Cell Calcium</i> , 2021, 97, 102416.	2.4	10