

Estela Area-Gomez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2855742/publications.pdf>

Version: 2024-02-01

51
papers

3,770
citations

172457

29
h-index

206112

48
g-index

54
all docs

54
docs citations

54
times ranked

5129
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced ER-mitochondria connectivity promotes neuroblastoma multidrug resistance. <i>EMBO Journal</i> , 2022, 41, e108272.	7.8	16
2	Effects of APOE4 allelic dosage on lipidomic signatures in the entorhinal cortex of aged mice. <i>Translational Psychiatry</i> , 2022, 12, 129.	4.8	21
3	Lipid level alteration in human and cellular models of alpha synuclein mutations. <i>Npj Parkinson's Disease</i> , 2022, 8, 52.	5.3	3
4	Lipidomic traits of plasma and cerebrospinal fluid in amyotrophic lateral sclerosis correlate with disease progression. <i>Brain Communications</i> , 2021, 3, fcab143.	3.3	29
5	Lipidomics study of plasma from patients suggest that ALS and PLS are part of a continuum of motor neuron disorders. <i>Scientific Reports</i> , 2021, 11, 13562.	3.3	28
6	Ethanol Induces Extracellular Vesicle Secretion by Altering Lipid Metabolism through the Mitochondria-Associated ER Membranes and Sphingomyelinases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8438.	4.1	12
7	Lipidomics Prediction of Parkinson's Disease Severity: A Machine-Learning Analysis. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1141-1155.	2.8	11
8	Lipidome changes due to accumulation of cholesterol via APP-C99 alters neuronal permeability. <i>Alzheimer's and Dementia</i> , 2021, 17, e051164.	0.8	0
9	The silence of the fats: A MAM's story about Alzheimer. <i>Neurobiology of Disease</i> , 2020, 145, 105062.	4.4	18
10	MAM and C99, key players in the pathogenesis of Alzheimer's disease. <i>International Review of Neurobiology</i> , 2020, 154, 235-278.	2.0	12
11	STIM1 Deficiency Leads to Specific Down-Regulation of ITPR3 in SH-SY5Y Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6598.	4.1	8
12	The Alzheimer's disease-associated C99 fragment of APP regulates cellular cholesterol trafficking. <i>EMBO Journal</i> , 2020, 39, e103791.	7.8	65
13	The C99 fragment of APP regulates cholesterol trafficking. <i>Alzheimer's and Dementia</i> , 2020, 16, e038479.	0.8	0
14	Isolation of mitochondria-associated ER membranes. <i>Methods in Cell Biology</i> , 2020, 155, 33-44.	1.1	12
15	APOE4 is Associated with Differential Regional Vulnerability to Bioenergetic Deficits in Aged APOE Mice. <i>Scientific Reports</i> , 2020, 10, 4277.	3.3	34
16	The fat brain. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020, 23, 68-75.	2.5	17
17	Decreased surfactant lipids correlate with lung function in chronic obstructive pulmonary disease (COPD). <i>PLoS ONE</i> , 2020, 15, e0228279.	2.5	52
18	Analysis of phospholipid synthesis in mitochondria. <i>Methods in Cell Biology</i> , 2020, 155, 321-335.	1.1	11

#	ARTICLE	IF	CITATIONS
19	Ribosome-associated vesicles: A dynamic subcompartment of the endoplasmic reticulum in secretory cells. <i>Science Advances</i> , 2020, 6, eaay9572.	10.3	42
20	MFN2 mutations in Charcot-Marie-Tooth disease alter mitochondria-associated ER membrane function but do not impair bioenergetics. <i>Human Molecular Genetics</i> , 2019, 28, 1782-1800.	2.9	72
21	Dual PPAR α / β activation inhibits SIRT1-PGC1 α axis and causes cardiac dysfunction. <i>JCI Insight</i> , 2019, 4, .	5.0	56
22	Mitochondria, OxPhos, and neurodegeneration: cells are not just running out of gas. <i>Journal of Clinical Investigation</i> , 2019, 129, 34-45.	8.2	109
23	A key role for MAM in mediating mitochondrial dysfunction in Alzheimer disease. <i>Cell Death and Disease</i> , 2018, 9, 335.	6.3	158
24	Stasimon/Tmem41b localizes to mitochondria-associated ER membranes and is essential for mouse embryonic development. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 463-470.	2.1	31
25	CoQ10 supplementation rescues nephrotic syndrome through normalization of H2S oxidation pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3708-3722.	3.8	35
26	ATAD3 controls mitochondrial cristae structure, influencing mtDNA replication and cholesterol levels in muscle. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	68
27	PPAR β deacetylation dissociates thiazolidinedione TM s metabolic benefits from its adverse effects. <i>Journal of Clinical Investigation</i> , 2018, 128, 2600-2612.	8.2	40
28	On the Pathogenesis of Alzheimer's Disease: The MAM Hypothesis. <i>FASEB Journal</i> , 2017, 31, 864-867.	0.5	112
29	Increased localization of APP ^{C99} in mitochondria-associated ER membranes causes mitochondrial dysfunction in Alzheimer disease. <i>EMBO Journal</i> , 2017, 36, 3356-3371.	7.8	164
30	Alzheimer Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 149-156.	1.6	21
31	[F3 ⁰⁶⁰³]: MECHANISMS OF MAM DYSFUNCTION IN ALZHEIMER'S DISEASE AND OTHER NEURODEGENERATIVE DISEASES. <i>Alzheimer's and Dementia</i> , 2017, 13, P887.	0.8	0
32	A <i>POGLUT1</i> mutation causes a muscular dystrophy with reduced Notch signaling and satellite cell loss. <i>EMBO Molecular Medicine</i> , 2016, 8, 1289-1309.	6.9	84
33	ApoE4 upregulates the activity of mitochondria-associated ER membranes. <i>EMBO Reports</i> , 2016, 17, 27-36.	4.5	119
34	Mitochondria-associated ER membranes and Alzheimer disease. <i>Current Opinion in Genetics and Development</i> , 2016, 38, 90-96.	3.3	94
35	A new role for α -synuclein in Parkinson's disease: Alteration of ER ^{mitochondrial} communication. <i>Movement Disorders</i> , 2015, 30, 1026-1033.	3.9	59
36	Novel subcellular localization for α -synuclein: possible functional consequences. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 17.	1.7	45

#	ARTICLE	IF	CITATIONS
37	ATP-binding cassette transporters and sterol <i>o</i> -acyltransferases interact at membrane microdomains to modulate sterol uptake and esterification. <i>FASEB Journal</i> , 2015, 29, 4682-4694.	0.5	21
38	Assessing the Function of Mitochondria-Associated ER Membranes. <i>Methods in Enzymology</i> , 2014, 547, 181-197.	1.0	35
39	Mitochondrial Genetics and Disease. <i>Journal of Child Neurology</i> , 2014, 29, 1208-1215.	1.4	36
40	Î±-Synuclein Is Localized to Mitochondria-Associated ER Membranes. <i>Journal of Neuroscience</i> , 2014, 34, 249-259.	3.6	420
41	Mitochondria-associated ER membranes in Alzheimer disease. <i>Molecular and Cellular Neurosciences</i> , 2013, 55, 26-36.	2.2	223
42	Upregulated function of mitochondria-associated ER membranes in Alzheimer disease. <i>EMBO Journal</i> , 2012, 31, 4106-4123.	7.8	497
43	Onset and organ specificity of Tk2 deficiency depends on Tk1 down-regulation and transcriptional compensation. <i>Human Molecular Genetics</i> , 2011, 20, 155-164.	2.9	30
44	Tyrosine hydroxylase deficiency in three Greek patients with a common ancestral mutation. <i>Movement Disorders</i> , 2010, 25, 1086-1090.	3.9	22
45	Treatment of CoQ10 Deficient Fibroblasts with Ubiquinone, CoQ Analogs, and Vitamin C: Time- and Compound-Dependent Effects. <i>PLoS ONE</i> , 2010, 5, e11897.	2.5	92
46	Is Alzheimer's Disease a Disorder of Mitochondria-Associated Membranes?. <i>Journal of Alzheimer's Disease</i> , 2010, 20, S281-S292.	2.6	80
47	Presenilins Are Enriched in Endoplasmic Reticulum Membranes Associated with Mitochondria. <i>American Journal of Pathology</i> , 2009, 175, 1810-1816.	3.8	328
48	Mitochondrial DNA depletion syndrome due to mutations in the RRM2B gene. <i>Neuromuscular Disorders</i> , 2008, 18, 453-459.	0.6	87
49	Oligomerization of the influenza virus polymerase complex in vivo. <i>Journal of General Virology</i> , 2008, 89, 520-524.	2.9	40
50	3D structure of the influenza virus polymerase complex: Localization of subunit domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 308-313.	7.1	116
51	Three-dimensional reconstruction of a recombinant influenza virus ribonucleoprotein particle. <i>EMBO Reports</i> , 2001, 2, 313-317.	4.5	85