

Riccardo Filadi

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,841
citations

361413

20
h-index

377865

34
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41
all docs

41
docs citations

41
times ranked

4585
citing authors

#	ARTICLE	IF	CITATIONS
1	Familial Alzheimer's disease presenilin-2 mutants affect Ca ²⁺ homeostasis and brain network excitability. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1705-1708.	2.9	7
2	Better to keep in touch: investigating inter-organelle cross-talk. <i>FEBS Journal</i> , 2021, 288, 740-755.	4.7	13
3	The yin and yang of mitochondrial Ca ²⁺ signaling in cell physiology and pathology. <i>Cell Calcium</i> , 2021, 93, 102321.	2.4	14
4	Analysis of the Effects of Hexokinase 2 Detachment From Mitochondria-Associated Membranes with the Highly Selective Peptide HK2pep. <i>Bio-protocol</i> , 2021, 11, e4087.	0.4	2
5	Neuronal cell-based high-throughput screen for enhancers of mitochondrial function reveals luteolin as a modulator of mitochondria-endoplasmic reticulum coupling. <i>BMC Biology</i> , 2021, 19, 57.	3.8	21
6	Excitotoxicity Revisited: Mitochondria on the Verge of a Nervous Breakdown. <i>Trends in Neurosciences</i> , 2021, 44, 342-351.	8.6	27
7	Defining the molecular mechanisms of the mitochondrial permeability transition through genetic manipulation of F-ATP synthase. <i>Nature Communications</i> , 2021, 12, 4835.	12.8	52
8	Loosening ER-Mitochondria Coupling by the Expression of the Presenilin 2 Loop Domain. <i>Cells</i> , 2021, 10, 1968.	4.1	7
9	Presenilin-2 and Calcium Handling: Molecules, Organelles, Cells and Brain Networks. <i>Cells</i> , 2020, 9, 2166.	4.1	21
10	Mitochondrial calcium handling and neurodegeneration: when a good signal goes wrong. <i>Current Opinion in Physiology</i> , 2020, 17, 224-233.	1.8	12
11	Sarcoplasmic Reticulum-Mitochondria Kissing in Cardiomyocytes: Ca ²⁺ , ATP, and Undisclosed Secrets. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 532.	3.7	20
12	Hexokinase 2 displacement from mitochondria-associated membranes prompts Ca ²⁺ -dependent death of cancer cells. <i>EMBO Reports</i> , 2020, 21, e49117.	4.5	62
13	Defective Mitochondrial Pyruvate Flux Affects Cell Bioenergetics in Alzheimer's Disease-Related Models. <i>Cell Reports</i> , 2020, 30, 2332-2348.e10.	6.4	67
14	ER-mitochondria tethering and Ca ²⁺ crosstalk: The IP3R team takes the field. <i>Cell Calcium</i> , 2019, 84, 102101.	2.4	5
15	PSEN2 (presenilin 2) mutants linked to familial Alzheimer disease impair autophagy by altering Ca ²⁺ homeostasis. <i>Autophagy</i> , 2019, 15, 2044-2062.	9.1	78
16	Calcium, mitochondria and cell metabolism: A functional triangle in bioenergetics. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1068-1078.	4.1	257
17	Defective autophagy and Alzheimer's disease: is calcium the key?. <i>Neural Regeneration Research</i> , 2019, 14, 2081.	3.0	11
18	Mitofusin 2: from functions to disease. <i>Cell Death and Disease</i> , 2018, 9, 330.	6.3	230

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19	TOM70 Sustains Cell Bioenergetics by Promoting IP3R3-Mediated ER to Mitochondria Ca ²⁺ Transfer. <i>Current Biology</i> , 2018, 28, 369-382.e6.	3.9	109
20	SPLICS: a split green fluorescent protein-based contact site sensor for narrow and wide heterotypic organelle juxtaposition. <i>Cell Death and Differentiation</i> , 2018, 25, 1131-1145.	11.2	174
21	Highlighting the endoplasmic reticulum-mitochondria connection: Focus on Mitofusin 2. <i>Pharmacological Research</i> , 2018, 128, 42-51.	7.1	63
22	Displacement of Hexokinase 2 from mitochondria induces mitochondrial Ca ²⁺ overload and calpain-dependent cell death in cancer cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, e5.	1.0	1
23	The endoplasmic reticulum-mitochondria coupling in health and disease: Molecules, functions and significance. <i>Cell Calcium</i> , 2017, 62, 1-15.	2.4	193
24	Mitochondrial Ca ²⁺ Handling and Behind: The Importance of Being in Contact with Other Organelles. <i>Biological and Medical Physics Series</i> , 2017, , 3-39.	0.4	1
25	On the role of Mitofusin 2 in endoplasmic reticulum-mitochondria tethering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2266-E2267.	7.1	50
26	[P1196]: EFFECT OF PRESENILIN 2 MUTATION LINKED TO FAMILIAL ALZHEIMER'S DISEASE ON CELL METABOLISM. <i>Alzheimer's and Dementia</i> , 2017, 13, P317.	0.8	0
27	[F30602]: ALTERATIONS IN ER-MITOCHONDRIA CALCIUM TRANSFER INDUCED BY ALZHEIMER'S DISEASE-LINKED PS2 MUTANTS IMPACT DIFFERENT CELL FUNCTIONALITIES. <i>Alzheimer's and Dementia</i> , 2017, 13, P886.	0.8	0
28	Beyond Intracellular Signaling: The Ins and Outs of Second Messengers Microdomains. <i>Advances in Experimental Medicine and Biology</i> , 2017, 981, 279-322.	1.6	17
29	The Concerted Action of Mitochondrial Dynamics and Positioning: New Characters in Cancer Onset and Progression. <i>Frontiers in Oncology</i> , 2017, 7, 102.	2.8	29
30	Presenilin 2 Modulates Endoplasmic Reticulum-Mitochondria Coupling by Tuning the Antagonistic Effect of Mitofusin 2. <i>Cell Reports</i> , 2016, 15, 2226-2238.	6.4	138
31	Mitofusin2 knockdown increases ER-mitochondria contact and decreases amyloid β peptide production. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1686-1695.	3.6	124
32	Spying on organelle Ca ²⁺ in living cells: the mitochondrial point of view. <i>Journal of Endocrinological Investigation</i> , 2015, 38, 39-45.	3.3	22
33	Mitofusin 2 ablation increases endoplasmic reticulum-mitochondria coupling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2174-81.	7.1	449
34	Generation and functions of second messengers microdomains. <i>Cell Calcium</i> , 2015, 58, 405-414.	2.4	58
35	Modulation of the endoplasmic reticulum-mitochondria interface in Alzheimer's disease and related models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7916-7921.	7.1	381
36	Endoplasmic Reticulum-mitochondria connections, calcium cross-talk and cell fate: a closer inspection. , 2012, , 75-106.		0

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37	Mitochondrial Ca ²⁺ homeostasis: mechanism, role, and tissue specificities. Pflugers Archiv European Journal of Physiology, 2012, 464, 3-17.	2.8	125