

Sonia Missiroli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9350642/publications.pdf>

Version: 2024-02-01

35
papers

3,416
citations

279798

23
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

5401
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria-Ros Crosstalk in the Control of Cell Death and Aging. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-17.	2.0	488
2	Mitochondrial and endoplasmic reticulum calcium homeostasis and cell death. <i>Cell Calcium</i> , 2018, 69, 62-72.	2.4	435
3	p53 at the endoplasmic reticulum regulates apoptosis in a Ca ²⁺ -dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1779-1784.	7.1	247
4	Mitochondria-Associated Membranes: Composition, Molecular Mechanisms, and Physiopathological Implications. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 995-1019.	5.4	243
5	Mitochondria-associated membranes (MAMs) and inflammation. <i>Cell Death and Disease</i> , 2018, 9, 329.	6.3	210
6	PTEN counteracts FBXL2 to promote IP3R3- and Ca ²⁺ -mediated apoptosis limiting tumour growth. <i>Nature</i> , 2017, 546, 554-558.	27.8	182
7	Calcium Dynamics as a Machine for Decoding Signals. <i>Trends in Cell Biology</i> , 2018, 28, 258-273.	7.9	176
8	Use of luciferase probes to measure ATP in living cells and animals. <i>Nature Protocols</i> , 2017, 12, 1542-1562.	12.0	149
9	The Role of Mitochondria in Inflammation: From Cancer to Neurodegenerative Disorders. <i>Journal of Clinical Medicine</i> , 2020, 9, 740.	2.4	144
10	PML at Mitochondria-Associated Membranes Is Critical for the Repression of Autophagy and Cancer Development. <i>Cell Reports</i> , 2016, 16, 2415-2427.	6.4	127
11	Cancer metabolism and mitochondria: Finding novel mechanisms to fight tumours. <i>EBioMedicine</i> , 2020, 59, 102943.	6.1	110
12	Defective autophagy is a key feature of cerebral cavernous malformations. <i>EMBO Molecular Medicine</i> , 2015, 7, 1403-1417.	6.9	109
13	Endoplasmic Reticulum-Mitochondria Communication Through Ca ²⁺ Signaling: The Importance of Mitochondria-Associated Membranes (MAMs). <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 49-67.	1.6	107
14	Intravital imaging reveals p53-dependent cancer cell death induced by phototherapy via calcium signaling. <i>Oncotarget</i> , 2015, 6, 1435-1445.	1.8	84
15	Akt-mediated phosphorylation of MICU1 regulates mitochondrial Ca ²⁺ levels and tumor growth. <i>EMBO Journal</i> , 2019, 38, .	7.8	77
16	The role of mitochondria-associated membranes in cellular homeostasis and diseases. <i>International Review of Cell and Molecular Biology</i> , 2020, 350, 119-196.	3.2	77
17	Silencing of mitochondrial Lon protease deeply impairs mitochondrial proteome and function in colon cancer cells. <i>FASEB Journal</i> , 2014, 28, 5122-5135.	0.5	69
18	Mitochondria-Associated Endoplasmic Reticulum Membranes Microenvironment: Targeting Autophagic and Apoptotic Pathways in Cancer Therapy. <i>Frontiers in Oncology</i> , 2015, 5, 173.	2.8	53

#	ARTICLE	IF	CITATIONS
19	A maladaptive ER stress response triggers dysfunction in highly active muscles of mice with SELENON loss. <i>Redox Biology</i> , 2019, 20, 354-366.	9.0	46
20	Targeting the NLRP3 Inflammasome as a New Therapeutic Option for Overcoming Cancer. <i>Cancers</i> , 2021, 13, 2297.	3.7	44
21	Endoplasmic reticulum-mitochondria Ca ²⁺ crosstalk in the control of the tumor cell fate. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 858-864.	4.1	38
22	Defective endoplasmic reticulum-mitochondria contacts and bioenergetics in SEPNI-related myopathy. <i>Cell Death and Differentiation</i> , 2021, 28, 123-138.	11.2	29
23	Mitochondrial P2X7 Receptor Localization Modulates Energy Metabolism Enhancing Physical Performance. <i>Function</i> , 2021, 2, zqab005.	2.3	29
24	The endoplasmic reticulum mitochondrial calcium cross talk is downregulated in malignant pleural mesothelioma cells and plays a critical role in apoptosis inhibition. <i>Oncotarget</i> , 2015, 6, 23427-23444.	1.8	27
25	Understanding the Role of Autophagy in Cancer Formation and Progression Is a Real Opportunity to Treat and Cure Human Cancers. <i>Cancers</i> , 2021, 13, 5622.	3.7	21
26	Alterations in Mitochondrial and Endoplasmic Reticulum Signaling by p53 Mutants. <i>Frontiers in Oncology</i> , 2016, 6, 42.	2.8	19
27	Mitochondrial Control of Genomic Instability in Cancer. <i>Cancers</i> , 2021, 13, 1914.	3.7	15
28	Beyond Abscopal Effect: A Meta-Analysis of Immune Checkpoint Inhibitors and Radiotherapy in Advanced Non-Small Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 2352.	3.7	15
29	An Updated Understanding of the Role of YAP in Driving Oncogenic Responses. <i>Cancers</i> , 2021, 13, 3100.	3.7	15
30	From Bed to Bench and Back: TNF- α , IL-23/IL-17A, and JAK-Dependent Inflammation in the Pathogenesis of Psoriatic Synovitis. <i>Frontiers in Pharmacology</i> , 2021, 12, 672515.	3.5	14
31	Regulation of PKC δ levels and autophagy by PML is essential for high-glucose-dependent mesenchymal stem cell adipogenesis. <i>International Journal of Obesity</i> , 2019, 43, 963-973.	3.4	6
32	Novel function of the tumor suppressor PML at ER-mitochondria sites in the control of autophagy. <i>Oncotarget</i> , 2017, 8, 81723-81724.	1.8	5
33	Functions and dys-functions of promyelocytic leukemia protein PML. <i>Rendiconti Lincei</i> , 2018, 29, 411-420.	2.2	3
34	Methods to Study PTEN in Mitochondria and Endoplasmic Reticulum. <i>Methods in Molecular Biology</i> , 2016, 1388, 187-212.	0.9	2
35	Glioblastoma: Prognostic Factors and Predictive Response to Radio and Chemotherapy. <i>Current Medicinal Chemistry</i> , 2020, 27, 2814-2825.	2.4	1