

# Carlotta Giorgi

## List of Publications by Year in descending order

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Version: 2024-02-01

146  
papers

14,141  
citations

18482

62  
h-index

22166

113  
g-index

150  
all docs

150  
docs citations

150  
times ranked

18783  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impairment of mitophagy and autophagy accompanies calcific aortic valve stenosis favouring cell death and the severity of disease. <i>Cardiovascular Research</i> , 2022, 118, 2548-2559.	3.8	24
2	Calcium dysregulation in heart diseases: Targeting calcium channels to achieve a correct calcium homeostasis. <i>Pharmacological Research</i> , 2022, 177, 106119.	7.1	22
3	Molecular mechanisms and consequences of mitochondrial permeability transition. <i>Nature Reviews Molecular Cell Biology</i> , 2022, 23, 266-285.	37.0	174
4	The Interplay of Hypoxia Signaling on Mitochondrial Dysfunction and Inflammation in Cardiovascular Diseases and Cancer: From Molecular Mechanisms to Therapeutic Approaches. <i>Biology</i> , 2022, 11, 300.	2.8	22
5	Epigenetic Regulation: A Link between Inflammation and Carcinogenesis. <i>Cancers</i> , 2022, 14, 1221.	3.7	15
6	Some Insights into the Regulation of Cardiac Physiology and Pathology by the Hippo Pathway. <i>Biomedicines</i> , 2022, 10, 726.	3.2	3
7	Similarities between fibroblasts and cardiomyocytes in the study of the permeability transition pore. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13764.	3.4	2
8	Measuring Mitochondrial Calcium Fluxes in Cardiomyocytes upon Mechanical Stretch-Induced Hypertrophy. <i>Methods in Molecular Biology</i> , 2022, 2475, 215-222.	0.9	0
9	Increase of Parkin and ATG5 plasmatic levels following perinatal hypoxic-ischemic encephalopathy. <i>Scientific Reports</i> , 2022, 12, 7795.	3.3	4
10	Identification of small-molecule urea derivatives as PTPC modulators targeting the c subunit of F1/Fo-ATP synthase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 72, 128822.	2.2	5
11	Inflammatory Microenvironment in Early Non-Small Cell Lung Cancer: Exploring the Predictive Value of Radiomics. <i>Cancers</i> , 2022, 14, 3335.	3.7	5
12	Molecular Mechanisms of Autophagy in Cancer Development, Progression, and Therapy. <i>Biomedicines</i> , 2022, 10, 1596.	3.2	16
13	Defective endoplasmic reticulum-mitochondria contacts and bioenergetics in SEPNI-related myopathy. <i>Cell Death and Differentiation</i> , 2021, 28, 123-138.	11.2	29
14	Mitochondrial P2X7 Receptor Localization Modulates Energy Metabolism Enhancing Physical Performance. <i>Function</i> , 2021, 2, zqab005.	2.3	29
15	Methods to Monitor Mitophagy and Mitochondrial Quality: Implications in Cancer, Neurodegeneration, and Cardiovascular Diseases. <i>Methods in Molecular Biology</i> , 2021, 2310, 113-159.	0.9	9
16	Different Roles of Mitochondria in Cell Death and Inflammation: Focusing on Mitochondrial Quality Control in Ischemic Stroke and Reperfusion. <i>Biomedicines</i> , 2021, 9, 169.	3.2	43
17	Relevance of Autophagy and Mitophagy Dynamics and Markers in Neurodegenerative Diseases. <i>Biomedicines</i> , 2021, 9, 149.	3.2	30
18	A naturally occurring mutation in ATP synthase subunit c is associated with increased damage following hypoxia/reoxygenation in STEMI patients. <i>Cell Reports</i> , 2021, 35, 108983.	6.4	21

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19	Mitochondria: Insights into Crucial Features to Overcome Cancer Chemoresistance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4770.	4.1	30
20	Mitochondrial Control of Genomic Instability in Cancer. <i>Cancers</i> , 2021, 13, 1914.	3.7	15
21	Targeting the NLRP3 Inflammasome as a New Therapeutic Option for Overcoming Cancer. <i>Cancers</i> , 2021, 13, 2297.	3.7	44
22	Mitochondrial Ca <sup>2+</sup> Signaling in Health, Disease and Therapy. <i>Cells</i> , 2021, 10, 1317.	4.1	59
23	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
24	Mitochondrial Bioenergetics and Dynamism in the Failing Heart. <i>Life</i> , 2021, 11, 436.	2.4	15
25	TFG binds LC3C to regulate ULK1 localization and autophagosome formation. <i>EMBO Journal</i> , 2021, 40, e103563.	7.8	15
26	From Bed to Bench and Back: TNF- $\alpha$ , 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
27	Antipsychotic drugs counteract autophagy and mitophagy in multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	40
28	An Updated Understanding of the Role of YAP in Driving Oncogenic Responses. <i>Cancers</i> , 2021, 13, 3100.	3.7	15
29	Cell death as a result of calcium signaling modulation: A cancer-centric prospective. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119061.	4.1	29
30	Abscopal effect and resistance reversion in nivolumab-treated non-small-cell lung cancer undergoing palliative radiotherapy: a case report. <i>Immunotherapy</i> , 2021, 13, 971-976.	2.0	4
31	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
32	BAP1 forms a trimer with HMGB1 and HDAC1 that modulates gene $\tilde{\text{A}}$ - environment interaction with asbestos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	14
33	Interorganellar calcium signaling in the regulation of cell metabolism: A cancer perspective. <i>Seminars in Cell and Developmental Biology</i> , 2020, 98, 167-180.	5.0	35
34	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
35	Measurement of ATP concentrations in mitochondria of living cells using luminescence and fluorescence approaches. <i>Methods in Cell Biology</i> , 2020, 155, 199-219.	1.1	13
36	Hydroxylapatite-collagen hybrid scaffold induces human adipose-derived mesenchymal stem cells to osteogenic differentiation in vitro and bone regrowth in patients. <i>Stem Cells Translational Medicine</i> , 2020, 9, 377-388.	3.3	43

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37	The Dichotomous Role of Inflammation in the CNS: A Mitochondrial Point of View. <i>Biomolecules</i> , 2020, 10, 1437.	4.0	20
38	Asbestos induces mesothelial cell transformation via HMGB1-driven autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25543-25552.	7.1	53
39	Sorcini is an early marker of neurodegeneration, Ca <sup>2+</sup> dysregulation and endoplasmic reticulum stress associated to neurodegenerative diseases. <i>Cell Death and Disease</i> , 2020, 11, 861.	6.3	29
40	Mitochondria as the decision makers for cancer cell fate: from signaling pathways to therapeutic strategies. <i>Cell Calcium</i> , 2020, 92, 102308.	2.4	13
41	Aortic Valve Stenosis and Mitochondrial Dysfunctions: Clinical and Molecular Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4899.	4.1	20
42	Various Aspects of Calcium Signaling in the Regulation of Apoptosis, Autophagy, Cell Proliferation, and Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8323.	4.1	147
43	Cancer-Related Increases and Decreases in Calcium Signaling at the Endoplasmic Reticulum-Mitochondria Interface (MAMs). <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, , 153-193.	1.6	13
44	Cancer metabolism and mitochondria: Finding novel mechanisms to fight tumours. <i>EBioMedicine</i> , 2020, 59, 102943.	6.1	110
45	Ca <sup>2+</sup> Fluxes and Cancer. <i>Molecular Cell</i> , 2020, 78, 1055-1069.	9.7	130
46	Calcium mishandling in absence of primary mitochondrial dysfunction drives cellular pathology in Wolfram Syndrome. <i>Scientific Reports</i> , 2020, 10, 4785.	3.3	33
47	The Role of Mitochondria in Inflammation: From Cancer to Neurodegenerative Disorders. <i>Journal of Clinical Medicine</i> , 2020, 9, 740.	2.4	144
48	Mitophagy in Cardiovascular Diseases. <i>Journal of Clinical Medicine</i> , 2020, 9, 892.	2.4	70
49	Physiopathology of the Permeability Transition Pore: Molecular Mechanisms in Human Pathology. <i>Biomolecules</i> , 2020, 10, 998.	4.0	81
50	Citrate Mediates Crosstalk between Mitochondria and the Nucleus to Promote Human Mesenchymal Stem Cell In Vitro Osteogenesis. <i>Cells</i> , 2020, 9, 1034.	4.1	21
51	Mitochondrial Function and Dysfunction in Dilated Cardiomyopathy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 624216.	3.7	62
52	Glioblastoma: Prognostic Factors and Predictive Response to Radio and Chemotherapy. <i>Current Medicinal Chemistry</i> , 2020, 27, 2814-2825.	2.4	1
53	STAT3 localizes to the ER, acting as a gatekeeper for ER-mitochondrion Ca <sup>2+</sup> fluxes and apoptotic responses. <i>Cell Death and Differentiation</i> , 2019, 26, 932-942.	11.2	89
54	Regulation of PKC <sup>δ</sup> 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

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55	Correlation between auto/mitophagic processes and magnetic resonance imaging activity in multiple sclerosis patients. <i>Journal of Neuroinflammation</i> , 2019, 16, 131.	7.2	31
56	Deficiency of Mitochondrial Aspartate-Glutamate Carrier 1 Leads to Oligodendrocyte Precursor Cell Proliferation Defects Both In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4486.	4.1	10
57	Mitochondrial calcium uniporter complex modulation in cancerogenesis. <i>Cell Cycle</i> , 2019, 18, 1068-1083.	2.6	34
58	Autophagy and mitophagy biomarkers are reduced in sera of patients with Alzheimer's disease and mild cognitive impairment. <i>Scientific Reports</i> , 2019, 9, 20009.	3.3	66
59	Akt-mediated phosphorylation of MICU1 regulates mitochondrial Ca <sup>2+</sup> levels and tumor growth. <i>EMBO Journal</i> , 2019, 38, .	7.8	77
60	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
61	Mitochondria-associated membranes (MAMs) and inflammation. <i>Cell Death and Disease</i> , 2018, 9, 329.	6.3	210
62	Mitochondria-associated membranes in aging and senescence: structure, function, and dynamics. <i>Cell Death and Disease</i> , 2018, 9, 332.	6.3	140
63	Emerging molecular mechanisms in chemotherapy: Ca <sup>2+</sup> signaling at the mitochondria-associated endoplasmic reticulum membranes. <i>Cell Death and Disease</i> , 2018, 9, 334.	6.3	104
64	Role of Mitochondria-Associated ER Membranes in Calcium Regulation in Cancer-Specific Settings. <i>Neoplasia</i> , 2018, 20, 510-523.	5.3	96
65	Calcium Dynamics as a Machine for Decoding Signals. <i>Trends in Cell Biology</i> , 2018, 28, 258-273.	7.9	176
66	The Mitochondrial Permeability Transition Pore. , 2018, , 47-73.		3
67	Mitochondrial and endoplasmic reticulum calcium homeostasis and cell death. <i>Cell Calcium</i> , 2018, 69, 62-72.	2.4	435
68	NS5A Promotes Constitutive Degradation of IP3R3 to Counteract Apoptosis Induced by Hepatitis C Virus. <i>Cell Reports</i> , 2018, 25, 833-840.e3.	6.4	20
69	Consensus report of the 8 and 9th Weinman Symposia on Gene x Environment Interaction in carcinogenesis: novel opportunities for precision medicine. <i>Cell Death and Differentiation</i> , 2018, 25, 1885-1904.	11.2	31
70	Functions and dys-functions of promyelocytic leukemia protein PML. <i>Rendiconti Lincei</i> , 2018, 29, 411-420.	2.2	3
71	Mitochondria and Reactive Oxygen Species in Aging and Age-Related Diseases. <i>International Review of Cell and Molecular Biology</i> , 2018, 340, 209-344.	3.2	208
72	Discovery of Novel 1,3,8-Triazaspiro[4.5]decane Derivatives That Target the c Subunit of F <sub>1</sub> /F <sub>0</sub> -Adenosine Triphosphate (ATP) Synthase for the Treatment of Reperfusion Damage in Myocardial Infarction. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 7131-7143.	6.4	41

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73	The machineries, regulation and cellular functions of mitochondrial calcium. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 713-730.	37.0	516
74	Autophagy and mitophagy elements are increased in body fluids of multiple sclerosis-affected individuals. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 439-441.	1.9	53
75	Endoplasmic reticulum-mitochondria Ca <sup>2+</sup> 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
76	TFEB-mediated increase in peripheral lysosomes regulates store-operated calcium entry. <i>Scientific Reports</i> , 2017, 7, 40797.	3.3	37
77	Calcium regulates cell death in cancer: Roles of the mitochondria and mitochondria-associated membranes (MAMs). <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 615-627.	1.0	146
78	Down-regulation of the mitochondrial aspartate-glutamate carrier isoform 1 AGC1 inhibits proliferation and N-acetylaspartate synthesis in Neuro2A cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1422-1435.	3.8	22
79	Mechanistic Role of mPTP in Ischemia-Reperfusion Injury. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 169-189.	1.6	91
80	Mitochondrial permeability transition involves dissociation of F <sub>1</sub> F <sub>0</sub> ATP synthase dimers and C $\epsilon$ ring conformation. <i>EMBO Reports</i> , 2017, 18, 1077-1089.	4.5	163
81	BAP1 regulates IP3R3-mediated Ca <sup>2+</sup> flux to mitochondria suppressing cell transformation. <i>Nature</i> , 2017, 546, 549-553.	27.8	308
82	PTEN counteracts FBXL2 to promote IP3R3- and Ca <sup>2+</sup> -mediated apoptosis limiting tumour growth. <i>Nature</i> , 2017, 546, 554-558.	27.8	182
83	Other bricks for the correct construction of the mitochondrial permeability transition pore complex. <i>Cell Death and Disease</i> , 2017, 8, e2698-e2698.	6.3	9
84	Endoplasmic Reticulum-Mitochondria Communication Through Ca <sup>2+</sup> Signaling: The Importance of Mitochondria-Associated Membranes (MAMs). <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 49-67.	1.6	107
85	Alterations in Ca <sup>2+</sup> Signalling via ER-Mitochondria Contact Site Remodelling in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 225-254.	1.6	35
86	Use of luciferase probes to measure ATP in living cells and animals. <i>Nature Protocols</i> , 2017, 12, 1542-1562.	12.0	149
87	FTY720 inhibits mesothelioma growth in vitro and in a syngeneic mouse model. <i>Journal of Translational Medicine</i> , 2017, 15, 58.	4.4	19
88	Germline BAP1 mutations induce a Warburg effect. <i>Cell Death and Differentiation</i> , 2017, 24, 1694-1704.	11.2	105
89	Regulation of Endoplasmic Reticulum-Mitochondria Ca <sup>2+</sup> Transfer and Its Importance for Anti-Cancer Therapies. <i>Frontiers in Oncology</i> , 2017, 7, 180.	2.8	48
90	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

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91	Alterations in Mitochondrial and Endoplasmic Reticulum Signaling by p53 Mutants. <i>Frontiers in Oncology</i> , 2016, 6, 42.	2.8	19
92	Intersection of mitochondrial fission and fusion machinery with apoptotic pathways: Role of Mcl-1. <i>Biology of the Cell</i> , 2016, 108, 279-293.	2.0	54
93	Fo ATP synthase C subunit serum levels in patients with ST-segment Elevation Myocardial Infarction: Preliminary findings. <i>International Journal of Cardiology</i> , 2016, 221, 993-997.	1.7	26
94	Mcl-1 involvement in mitochondrial dynamics is associated with apoptotic cell death. <i>Molecular Biology of the Cell</i> , 2016, 27, 20-34.	2.1	120
95	Comprehensive analysis of mitochondrial permeability transition pore activity in living cells using fluorescence-imaging-based techniques. <i>Nature Protocols</i> , 2016, 11, 1067-1080.	12.0	66
96	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
97	Methods to Study PTEN in Mitochondria and Endoplasmic Reticulum. <i>Methods in Molecular Biology</i> , 2016, 1388, 187-212.	0.9	2
98	Defective autophagy is a key feature of cerebral cavernous malformations. <i>EMBO Molecular Medicine</i> , 2015, 7, 1403-1417.	6.9	109
99	SEPN1, an endoplasmic reticulum-localized selenoprotein linked to skeletal muscle pathology, counteracts hyperoxidation by means of redox-regulating SERCA2 pump activity. <i>Human Molecular Genetics</i> , 2015, 24, 1843-1855.	2.9	101
100	Mutations of C19orf12, coding for a transmembrane glycine zipper containing mitochondrial protein, cause mis-localization of the protein, inability to respond to oxidative stress and increased mitochondrial Ca <sup>2+</sup> . <i>Frontiers in Genetics</i> , 2015, 6, 185.	2.3	57
101	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
102	Intravital imaging reveals p53-dependent cancer cell death induced by phototherapy via calcium signaling. <i>Oncotarget</i> , 2015, 6, 1435-1445.	1.8	84
103	Mitochondria-Associated Membranes: Composition, Molecular Mechanisms, and Physiopathological Implications. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 995-1019.	5.4	243
104	p53 at the endoplasmic reticulum regulates apoptosis in a Ca <sup>2+</sup> -dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1779-1784.	7.1	247
105	Inside the tumor: p53 modulates calcium homeostasis. <i>Cell Cycle</i> , 2015, 14, 933-934.	2.6	11
106	Novel frontiers in calcium signaling: A possible target for chemotherapy. <i>Pharmacological Research</i> , 2015, 99, 82-85.	7.1	20
107	Syndromic parkinsonism and dementia associated with OPA1 missense mutations. <i>Annals of Neurology</i> , 2015, 78, 21-38.	5.3	154
108	A family with paroxysmal nonkinesigenic dyskinesias (PNKD): Evidence of mitochondrial dysfunction. <i>European Journal of Paediatric Neurology</i> , 2015, 19, 64-68.	1.6	13

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109	Molecular identity of the mitochondrial permeability transition pore and its role in ischemia-reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 78, 142-153.	1.9	194
110	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
111	Oncogenic and oncosuppressive signal transduction at mitochondria-associated endoplasmic reticulum membranes. <i>Molecular and Cellular Oncology</i> , 2014, 1, e956469.	0.7	43
112	STAT3 Activities and Energy Metabolism: Dangerous Liaisons. <i>Cancers</i> , 2014, 6, 1579-1596.	3.7	35
113	Isolation of plasma membrane-associated membranes from rat liver. <i>Nature Protocols</i> , 2014, 9, 312-322.	12.0	129
114	The mitochondrial permeability transition pore is a dispensable element for mitochondrial calcium efflux. <i>Cell Calcium</i> , 2014, 56, 1-13.	2.4	84
115	Subcellular calcium measurements in mammalian cells using jellyfish photoprotein aequorin-based probes. <i>Nature Protocols</i> , 2013, 8, 2105-2118.	12.0	149
116	Role of the c subunit of the F <sub>1</sub> F <sub>0</sub> ATP synthase in mitochondrial permeability transition. <i>Cell Cycle</i> , 2013, 12, 674-683.	2.6	416
117	Downregulation of the Mitochondrial Calcium Uniporter by Cancer-Related miR-25. <i>Current Biology</i> , 2013, 23, 58-63.	3.9	198
118	PRKCB/protein kinase C, beta and the mitochondrial axis as key regulators of autophagy. <i>Autophagy</i> , 2013, 9, 1367-1385.	9.1	70
119	Hyaluronic Acid Induces Activation of the $\mu$ -Opioid Receptor. <i>PLoS ONE</i> , 2013, 8, e55510.	2.5	22
120	The selective inhibition of nuclear PKC $\delta$ restores the effectiveness of chemotherapeutic agents in chemoresistant cells. <i>Cell Cycle</i> , 2012, 11, 1040-1048.	2.6	11
121	Mitochondria-Ros Crosstalk in the Control of Cell Death and Aging. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-17.	2.0	488
122	Mitochondrial calcium homeostasis as potential target for mitochondrial medicine. <i>Mitochondrion</i> , 2012, 12, 77-85.	3.4	158
123	Systemic Elevation of PTEN Induces a Tumor-Suppressive Metabolic State. <i>Cell</i> , 2012, 149, 49-62.	28.9	339
124	ATP synthesis and storage. <i>Purinergic Signalling</i> , 2012, 8, 343-357.	2.2	340
125	Mitochondrial Ca <sup>2+</sup> and apoptosis. <i>Cell Calcium</i> , 2012, 52, 36-43.	2.4	361
126	Mitochondria-Associated Membranes (MAMs) as Hotspot Ca <sup>2+</sup> Signaling Units. <i>Advances in Experimental Medicine and Biology</i> , 2012, 740, 411-437.	1.6	70



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127	The mitochondrial heme exporter FLVCR1b mediates erythroid differentiation. <i>Journal of Clinical Investigation</i> , 2012, 122, 4569-4579.	8.2	153
128	High IGFBP2 Expression Correlates with Tumor Severity in Pediatric Rhabdomyosarcoma. <i>American Journal of Pathology</i> , 2011, 179, 2611-2624.	3.8	21
129	Mitochondrial redox signalling by p66Shc mediates ALS-like disease through Rac1 inactivation. <i>Human Molecular Genetics</i> , 2011, 20, 4196-4208.	2.9	41
130	Calcium signaling around Mitochondria Associated Membranes (MAMs). <i>Cell Communication and Signaling</i> , 2011, 9, 19.	6.5	304
131	Translocation of signalling proteins to the plasma membrane revealed by a new bioluminescent procedure. <i>BMC Cell Biology</i> , 2011, 12, 27.	3.0	9
132	Mitochondria associated membranes (MAMs) as critical hubs for apoptosis. <i>Communicative and Integrative Biology</i> , 2011, 4, 334-335.	1.4	42
133	Protein Kinases and Phosphatases in the Control of Cell Fate. <i>Enzyme Research</i> , 2011, 2011, 1-26.	1.8	229
134	p66Shc Aging Protein in Control of Fibroblasts Cell Fate. <i>International Journal of Molecular Sciences</i> , 2011, 12, 5373-5389.	4.1	19
135	Oxidative stress-dependent p66Shc phosphorylation in skin fibroblasts of children with mitochondrial disorders. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 952-960.	1.0	65
136	A STAT3-mediated metabolic switch is involved in tumour transformation and STAT3 addiction. <i>Aging</i> , 2010, 2, 823-842.	3.1	231
137	PML Regulates Apoptosis at Endoplasmic Reticulum by Modulating Calcium Release. <i>Science</i> , 2010, 330, 1247-1251.	12.6	360
138	Redox Control of Protein Kinase C: Cell- and Disease-Specific Aspects. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1051-1085.	5.4	123
139	Expression of the P2X7 Receptor Increases the Ca <sup>2+</sup> Content of the Endoplasmic Reticulum, Activates NFATc1, and Protects from Apoptosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 10120-10128.	3.4	95
140	Ca <sup>2+</sup> transfer from the ER to mitochondria: When, how and why. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 1342-1351.	1.0	396
141	Isolation of mitochondria-associated membranes and mitochondria from animal tissues and cells. <i>Nature Protocols</i> , 2009, 4, 1582-1590.	12.0	726
142	Structural and functional link between the mitochondrial network and the endoplasmic reticulum. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1817-1827.	2.8	337
143	Controlling metabolism and cell death: At the heart of mitochondrial calcium signalling. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 781-788.	1.9	101
144	The versatility of mitochondrial calcium signals: From stimulation of cell metabolism to induction of cell death. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 808-816.	1.0	106

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145	Akt kinase reducing endoplasmic reticulum Ca <sup>2+</sup> release protects cells from Ca <sup>2+</sup> -dependent apoptotic stimuli. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 501-505.	2.1	109
146	Ca <sup>2+</sup> Signaling, Mitochondria and Cell Death. <i>Current Molecular Medicine</i> , 2008, 8, 119-130.	1.3	258