

Carlotta Giorgi

List of Publications by Year in descending order

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147
papers

15,120
citations

17259

62
h-index

19169

116
g-index

160
all docs

160
docs citations

160
times ranked

21784
citing authors

#	ARTICLE	IF	CITATIONS
1	Germline <i>BARD1</i> variants predispose to mesothelioma by impairing DNA repair and calcium signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, .	7.5	0
2	PML at mitochondria-associated membranes governs a trimeric complex with NLRP3 and P2X7R that modulates the tumor immune microenvironment. <i>Cell Death and Differentiation</i> , 2023, 30, 429-441.	11.3	16
3	Comprehensive Analysis of Mitochondrial Dynamics Alterations in Heart Diseases. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3414.	4.2	8
4	Evaluation of the Synovial Effects of Biological and Targeted Synthetic DMARDs in Patients with Psoriatic Arthritis: A Systematic Literature Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5006.	4.2	3
5	Novel Aryl Sulfonamide Derivatives as NLRP3 Inflammasome Inhibitors for the Potential Treatment of Cancer. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 5223-5241.	6.6	13
6	1,3,8-Triazaspiro[4.5]decane Derivatives Inhibit Permeability Transition Pores through a FO-ATP Synthase c Subunit Glu119-Independent Mechanism That Prevents Oligomycin A-Related Side Effects. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6191.	4.2	2
7	The Complex Relationship between Hypoxia Signaling, Mitochondrial Dysfunction and Inflammation in Calcific Aortic Valve Disease: Insights from the Molecular Mechanisms to Therapeutic Approaches. <i>International Journal of Molecular Sciences</i> , 2023, 24, 11105.	4.2	4
8	The NLRP3 Inflammasome in Neurodegenerative Disorders: Insights from Epileptic Models. <i>Biomedicines</i> , 2023, 11, 2825.	3.3	6
9	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.	3.7	27
10	Calcium dysregulation in heart diseases: Targeting calcium channels to achieve a correct calcium homeostasis. <i>Pharmacological Research</i> , 2022, 177, 106119.	7.1	27
11	Molecular mechanisms and consequences of mitochondrial permeability transition. <i>Nature Reviews Molecular Cell Biology</i> , 2022, 23, 266-285.	36.9	232
12	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.	2.9	24
13	Epigenetic Regulation: A Link between Inflammation and Carcinogenesis. <i>Cancers</i> , 2022, 14, 1221.	3.8	18
14	Some Insights into the Regulation of Cardiac Physiology and Pathology by the Hippo Pathway. <i>Biomedicines</i> , 2022, 10, 726.	3.3	4
15	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
16	Increase of Parkin and ATG5 plasmatic levels following perinatal hypoxic-ischemic encephalopathy. <i>Scientific Reports</i> , 2022, 12, 7795.	3.4	5
17	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.	2.3	6
18	Inflammatory Microenvironment in Early Non-Small Cell Lung Cancer: Exploring the Predictive Value of Radiomics. <i>Cancers</i> , 2022, 14, 3335.	3.8	5

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19	Molecular Mechanisms of Autophagy in Cancer Development, Progression, and Therapy. <i>Biomedicines</i> , 2022, 10, 1596.	3.3	19
20	The Multifaceted Roles of Autophagy in Infectious, Obstructive, and Malignant Airway Diseases. <i>Biomedicines</i> , 2022, 10, 1944.	3.3	4
21	Synthesis and NLRP3-Inflammasome Inhibitory Activity of the Naturally Occurring Velutone F and of Its Non-Natural Regioisomeric Chalconoids. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8957.	4.2	3
22	Sars-CoV-2 Infection Prompts IL-1 β -Mediated Inflammation and Reduces IFN- γ Expression in Human Lung Tissue. <i>Pathogens</i> , 2022, 11, 1390.	2.8	3
23	Defective endoplasmic reticulum-mitochondria contacts and bioenergetics in SEPNI-related myopathy. <i>Cell Death and Differentiation</i> , 2021, 28, 123-138.	11.3	34
24	Mitochondrial P2X7 Receptor Localization Modulates Energy Metabolism Enhancing Physical Performance. <i>Function</i> , 2021, 2, zqab005.	2.1	35
25	Methods to Monitor Mitophagy and Mitochondrial Quality: Implications in Cancer, Neurodegeneration, and Cardiovascular Diseases. <i>Methods in Molecular Biology</i> , 2021, 2310, 113-159.	0.7	10
26	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.	3.3	46
27	Relevance of Autophagy and Mitophagy Dynamics and Markers in Neurodegenerative Diseases. <i>Biomedicines</i> , 2021, 9, 149.	3.3	33
28	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.	6.3	23
29	Mitochondria: Insights into Crucial Features to Overcome Cancer Chemoresistance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4770.	4.2	38
30	Mitochondrial Control of Genomic Instability in Cancer. <i>Cancers</i> , 2021, 13, 1914.	3.8	20
31	Targeting the NLRP3 Inflammasome as a New Therapeutic Option for Overcoming Cancer. <i>Cancers</i> , 2021, 13, 2297.	3.8	52
32	Mitochondrial Ca ²⁺ Signaling in Health, Disease and Therapy. <i>Cells</i> , 2021, 10, 1317.	4.2	67
33	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.	3.8	15
34	Mitochondrial Bioenergetics and Dynamism in the Failing Heart. <i>Life</i> , 2021, 11, 436.	2.5	18
35	TFG binds LC3C to regulate ULK1 localization and autophagosome formation. <i>EMBO Journal</i> , 2021, 40, e103563.	7.6	18
36	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.	3.6	19

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37	Antipsychotic drugs counteract autophagy and mitophagy in multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.5	47
38	An Updated Understanding of the Role of YAP in Driving Oncogenic Responses. Cancers, 2021, 13, 3100.	3.8	15
39	Cell death as a result of calcium signaling modulation: A cancer-centric prospective. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119061.	4.1	35
40	Abscopal Effect and Resistance Reversion in Nivolumab-Treated Non-Small-Cell Lung Cancer Undergoing Palliative Radiotherapy: A Case Report. Immunotherapy, 2021, 13, 971-976.	2.0	4
41	Understanding the Role of Autophagy in Cancer Formation and Progression Is a Real Opportunity to Treat and Cure Human Cancers. Cancers, 2021, 13, 5622.	3.8	28
42	BAP1 forms a trimer with HMGB1 and HDAC1 that modulates gene ã— environment interaction with asbestos. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.5	17
43	Interorganellar calcium signaling in the regulation of cell metabolism: A cancer perspective. Seminars in Cell and Developmental Biology, 2020, 98, 167-180.	5.3	36
44	The role of mitochondria-associated membranes in cellular homeostasis and diseases. International Review of Cell and Molecular Biology, 2020, 350, 119-196.	5.3	91
45	Measurement of ATP concentrations in mitochondria of living cells using luminescence and fluorescence approaches. Methods in Cell Biology, 2020, 155, 199-219.	2.0	14
46	Hydroxylapatite-collagen hybrid scaffold induces human adipose-derived mesenchymal stem cells to osteogenic differentiation in vitro and bone regrowth in patients. Stem Cells Translational Medicine, 2020, 9, 377-388.	3.5	49
47	The Dichotomous Role of Inflammation in the CNS: A Mitochondrial Point of View. Biomolecules, 2020, 10, 1437.	4.1	25
48	Asbestos induces mesothelial cell transformation via HMGB1-driven autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25543-25552.	7.5	61
49	Sorcin is an early marker of neurodegeneration, Ca ²⁺ dysregulation and endoplasmic reticulum stress associated to neurodegenerative diseases. Cell Death and Disease, 2020, 11, 861.	6.4	32
50	Mitochondria as the decision makers for cancer cell fate: from signaling pathways to therapeutic strategies. Cell Calcium, 2020, 92, 102308.	3.2	13
51	Aortic Valve Stenosis and Mitochondrial Dysfunctions: Clinical and Molecular Perspectives. International Journal of Molecular Sciences, 2020, 21, 4899.	4.2	23
52	Various Aspects of Calcium Signaling in the Regulation of Apoptosis, Autophagy, Cell Proliferation, and Cancer. International Journal of Molecular Sciences, 2020, 21, 8323.	4.2	173
53	Cancer-Related Increases and Decreases in Calcium Signaling at the Endoplasmic Reticulum-Mitochondria Interface (MAMs). Reviews of Physiology, Biochemistry and Pharmacology, 2020, , 153-193.	1.9	13
54	Cancer metabolism and mitochondria: Finding novel mechanisms to fight tumours. EBioMedicine, 2020, 59, 102943.	6.0	133

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55	Ca ²⁺ Fluxes and Cancer. <i>Molecular Cell</i> , 2020, 78, 1055-1069.	9.5	150
56	Calcium mishandling in absence of primary mitochondrial dysfunction drives cellular pathology in Wolfram Syndrome. <i>Scientific Reports</i> , 2020, 10, 4785.	3.4	37
57	The Role of Mitochondria in Inflammation: From Cancer to Neurodegenerative Disorders. <i>Journal of Clinical Medicine</i> , 2020, 9, 740.	2.5	157
58	Mitophagy in Cardiovascular Diseases. <i>Journal of Clinical Medicine</i> , 2020, 9, 892.	2.5	77
59	Physiopathology of the Permeability Transition Pore: Molecular Mechanisms in Human Pathology. <i>Biomolecules</i> , 2020, 10, 998.	4.1	84
60	Citrate Mediates Crosstalk between Mitochondria and the Nucleus to Promote Human Mesenchymal Stem Cell In Vitro Osteogenesis. <i>Cells</i> , 2020, 9, 1034.	4.2	25
61	Mitochondrial Function and Dysfunction in Dilated Cardiomyopathy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 624216.	3.8	72
62	Glioblastoma: Prognostic Factors and Predictive Response to Radio and Chemotherapy. <i>Current Medicinal Chemistry</i> , 2020, 27, 2814-2825.	2.4	1
63	STAT3 localizes to the ER, acting as a gatekeeper for ER-mitochondrion Ca ²⁺ fluxes and apoptotic responses. <i>Cell Death and Differentiation</i> , 2019, 26, 932-942.	11.3	89
64	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.	3.5	7
65	Correlation between auto/mitophagic processes and magnetic resonance imaging activity in multiple sclerosis patients. <i>Journal of Neuroinflammation</i> , 2019, 16, 131.	7.4	31
66	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.	4.2	13
67	Mitochondrial calcium uniporter complex modulation in cancerogenesis. <i>Cell Cycle</i> , 2019, 18, 1068-1083.	2.8	36
68	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.	3.4	70
69	Akt-mediated phosphorylation of MICU1 regulates mitochondrial Ca ²⁺ levels and tumor growth. <i>EMBO Journal</i> , 2019, 38, .	7.6	87
70	A maladaptive ER stress response triggers dysfunction in highly active muscles of mice with SELENON loss. <i>Redox Biology</i> , 2019, 20, 354-366.	9.1	49
71	Mitochondria-associated membranes (MAMs) and inflammation. <i>Cell Death and Disease</i> , 2018, 9, 329.	6.4	228
72	Mitochondria-associated membranes in aging and senescence: structure, function, and dynamics. <i>Cell Death and Disease</i> , 2018, 9, 332.	6.4	159

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73	Emerging molecular mechanisms in chemotherapy: Ca ²⁺ signaling at the mitochondria-associated endoplasmic reticulum membranes. <i>Cell Death and Disease</i> , 2018, 9, 334.	6.4	112
74	Role of Mitochondria-Associated ER Membranes in Calcium Regulation in Cancer-Specific Settings. <i>Neoplasia</i> , 2018, 20, 510-523.	5.3	99
75	Calcium Dynamics as a Machine for Decoding Signals. <i>Trends in Cell Biology</i> , 2018, 28, 258-273.	8.0	187
76	The Mitochondrial Permeability Transition Pore. , 2018, , 47-73.		4
77	Mitochondrial and endoplasmic reticulum calcium homeostasis and cell death. <i>Cell Calcium</i> , 2018, 69, 62-72.	3.2	479
78	NS5A Promotes Constitutive Degradation of IP3R3 to Counteract Apoptosis Induced by Hepatitis C Virus. <i>Cell Reports</i> , 2018, 25, 833-840.e3.	6.3	20
79	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.	11.3	32
80	Functions and dys-functions of promyelocytic leukemia protein PML. <i>Rendiconti Lincei</i> , 2018, 29, 411-420.	2.2	3
81	Mitochondria and Reactive Oxygen Species in Aging and Age-Related Diseases. <i>International Review of Cell and Molecular Biology</i> , 2018, 340, 209-344.	5.3	249
82	Discovery of Novel 1,3,8-Triazaspiro[4.5]decane Derivatives That Target the c Subunit of F ₁ /F ₀ -Adenosine Triphosphate (ATP) Synthase for the Treatment of Reperfusion Damage in Myocardial Infarction. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 7131-7143.	6.6	42
83	The machineries, regulation and cellular functions of mitochondrial calcium. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 713-730.	36.9	585
84	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.	6.0	57
85	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	39
86	TFEB-mediated increase in peripheral lysosomes regulates store-operated calcium entry. <i>Scientific Reports</i> , 2017, 7, 40797.	3.4	40
87	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.	1.6	157
88	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	26
89	Mechanistic Role of mPTP in Ischemia-Reperfusion Injury. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 169-189.	9.0	98
90	Mitochondrial permeability transition involves dissociation of F ₁ <sc>F ₀ ATP</sc> synthase dimers and Câ€ring conformation. <i>EMBO Reports</i> , 2017, 18, 1077-1089.	4.5	172

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91	BAP1 regulates IP3R3-mediated Ca ²⁺ flux to mitochondria suppressing cell transformation. <i>Nature</i> , 2017, 546, 549-553.	35.8	319
92	PTEN counteracts FBXL2 to promote IP3R3- and Ca ²⁺ -mediated apoptosis limiting tumour growth. <i>Nature</i> , 2017, 546, 554-558.	35.8	189
93	Other bricks for the correct construction of the mitochondrial permeability transition pore complex. <i>Cell Death and Disease</i> , 2017, 8, e2698-e2698.	6.4	9
94	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.	9.0	113
95	Alterations in Ca ²⁺ Signalling via ER-Mitochondria Contact Site Remodelling in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 225-254.	9.0	35
96	FTY720 inhibits mesothelioma growth in vitro and in a syngeneic mouse model. <i>Journal of Translational Medicine</i> , 2017, 15, 58.	4.5	19
97	Germline BAP1 mutations induce a Warburg effect. <i>Cell Death and Differentiation</i> , 2017, 24, 1694-1704.	11.3	108
98	Regulation of Endoplasmic Reticulum-Mitochondria Ca ²⁺ Transfer and Its Importance for Anti-Cancer Therapies. <i>Frontiers in Oncology</i> , 2017, 7, 180.	2.9	52
99	Novel function of the tumor suppressor PML at ER-mitochondria sites in the control of autophagy. <i>Oncotarget</i> , 2017, 8, 81723-81724.	1.9	5
100	Alterations in Mitochondrial and Endoplasmic Reticulum Signaling by p53 Mutants. <i>Frontiers in Oncology</i> , 2016, 6, 42.	2.9	21
101	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	55
102	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.	1.6	26
103	Mcl-1 involvement in mitochondrial dynamics is associated with apoptotic cell death. <i>Molecular Biology of the Cell</i> , 2016, 27, 20-34.	2.4	122
104	PML at Mitochondria-Associated Membranes Is Critical for the Repression of Autophagy and Cancer Development. <i>Cell Reports</i> , 2016, 16, 2415-2427.	6.3	132
105	Methods to Study PTEN in Mitochondria and Endoplasmic Reticulum. <i>Methods in Molecular Biology</i> , 2016, 1388, 187-212.	0.7	2
106	Defective autophagy is a key feature of cerebral cavernous malformations. <i>EMBO Molecular Medicine</i> , 2015, 7, 1403-1417.	6.8	112
107	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.	3.0	105
108	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 ²⁺ . <i>Frontiers in Genetics</i> , 2015, 6, 185.	2.3	59

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109	Mitochondria-Associated Endoplasmic Reticulum Membranes Microenvironment: Targeting Autophagic and Apoptotic Pathways in Cancer Therapy. <i>Frontiers in Oncology</i> , 2015, 5, 173.	2.9	53
110	Intravital imaging reveals p53-dependent cancer cell death induced by phototherapy via calcium signaling. <i>Oncotarget</i> , 2015, 6, 1435-1445.	1.9	86
111	Mitochondria-Associated Membranes: Composition, Molecular Mechanisms, and Physiopathological Implications. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 995-1019.	5.4	253
112	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.	7.5	257
113	Inside the tumor: p53 modulates calcium homeostasis. <i>Cell Cycle</i> , 2015, 14, 933-934.	2.8	11
114	Novel frontiers in calcium signaling: A possible target for chemotherapy. <i>Pharmacological Research</i> , 2015, 99, 82-85.	7.1	20
115	Syndromic parkinsonism and dementia associated with <i>OPA1</i> missense mutations. <i>Annals of Neurology</i> , 2015, 78, 21-38.	5.8	163
116	A family with paroxysmal nonkinesigenic dyskinesias (PNKD): Evidence of mitochondrial dysfunction. <i>European Journal of Paediatric Neurology</i> , 2015, 19, 64-68.	1.5	13
117	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.	1.8	201
118	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.	1.9	27
119	Oncogenic and oncosuppressive signal transduction at mitochondria-associated endoplasmic reticulum membranes. <i>Molecular and Cellular Oncology</i> , 2014, 1, e956469.	0.7	45
120	STAT3 Activities and Energy Metabolism: Dangerous Liaisons. <i>Cancers</i> , 2014, 6, 1579-1596.	3.8	35
121	The mitochondrial permeability transition pore is a dispensable element for mitochondrial calcium efflux. <i>Cell Calcium</i> , 2014, 56, 1-13.	3.2	90
122	Downregulation of the Mitochondrial Calcium Uniporter by Cancer-Related miR-25. <i>Current Biology</i> , 2013, 23, 58-63.	4.0	204
123	PRKCB/protein kinase C, beta and the mitochondrial axis as key regulators of autophagy. <i>Autophagy</i> , 2013, 9, 1367-1385.	11.6	72
124	Hyaluronic Acid Induces Activation of the μ -Opioid Receptor. <i>PLoS ONE</i> , 2013, 8, e55510.	2.5	23
125	Mitochondria-Ros Crosstalk in the Control of Cell Death and Aging. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-17.	1.3	498
126	Mitochondrial calcium homeostasis as potential target for mitochondrial medicine. <i>Mitochondrion</i> , 2012, 12, 77-85.	3.5	166

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127	Systemic Elevation of PTEN Induces a Tumor-Suppressive Metabolic State. <i>Cell</i> , 2012, 149, 49-62.	27.7	349
128	ATP synthesis and storage. <i>Purinergic Signalling</i> , 2012, 8, 343-357.	2.5	394
129	Mitochondrial Ca ²⁺ and apoptosis. <i>Cell Calcium</i> , 2012, 52, 36-43.	3.2	383
130	Mitochondria-Associated Membranes (MAMs) as Hotspot Ca ²⁺ Signaling Units. <i>Advances in Experimental Medicine and Biology</i> , 2012, 740, 411-437.	9.0	71
131	The mitochondrial heme exporter FLVCR1b mediates erythroid differentiation. <i>Journal of Clinical Investigation</i> , 2012, 122, 4569-4579.	6.6	162
132	Mitochondrial redox signalling by p66Shc mediates ALS-like disease through Rac1 inactivation. <i>Human Molecular Genetics</i> , 2011, 20, 4196-4208.	3.0	43
133	Calcium signaling around Mitochondria Associated Membranes (MAMs). <i>Cell Communication and Signaling</i> , 2011, 9, 19.	6.7	314
134	Translocation of signalling proteins to the plasma membrane revealed by a new bioluminescent procedure. <i>BMC Cell Biology</i> , 2011, 12, 27.	2.9	9
135	Mitochondria associated membranes (MAMs) as critical hubs for apoptosis. <i>Communicative and Integrative Biology</i> , 2011, 4, 334-335.	1.5	43
136	Protein Kinases and Phosphatases in the Control of Cell Fate. <i>Enzyme Research</i> , 2011, 2011, 1-26.	1.8	236
137	p66Shc Aging Protein in Control of Fibroblasts Cell Fate. <i>International Journal of Molecular Sciences</i> , 2011, 12, 5373-5389.	4.2	19
138	Oxidative stress-dependent p66Shc phosphorylation in skin fibroblasts of children with mitochondrial disorders. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 952-960.	1.6	66
139	A STAT3-mediated metabolic switch is involved in tumour transformation and STAT3 addiction. <i>Aging</i> , 2010, 2, 823-842.	2.8	232
140	Redox Control of Protein Kinase C: Cell- and Disease-Specific Aspects. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1051-1085.	5.4	129
141	Expression of the P2X7 Receptor Increases the Ca ²⁺ Content of the Endoplasmic Reticulum, Activates NFATc1, and Protects from Apoptosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 10120-10128.	3.5	99
142	Ca ²⁺ transfer from the ER to mitochondria: When, how and why. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 1342-1351.	1.6	402
143	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.	2.9	342
144	Controlling metabolism and cell death: At the heart of mitochondrial calcium signalling. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 781-788.	1.8	103

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145	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.	1.6	107
146	Akt kinase reducing endoplasmic reticulum Ca ²⁺ release protects cells from Ca ²⁺ -dependent apoptotic stimuli. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 501-505.	2.2	110
147	Ca ²⁺ Signaling, Mitochondria and Cell Death. <i>Current Molecular Medicine</i> , 2008, 8, 119-130.	1.3	267