Carlotta Giorgi

List of Publications by Year
in descending order

148	15,159	18341 62	20777 116
papers	citations	h-index	g-index

162	162	162	23454
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The machineries, regulation and cellular functions of mitochondrial calcium. Nature Reviews Molecular Cell Biology, 2018, 19, 713-730.	37.3	585
2	Mitochondria-Ros Crosstalk in the Control of Cell Death and Aging. Journal of Signal Transduction, 2012, 2012, 1-17.	1.3	498
3	Mitochondrial and endoplasmic reticulum calcium homeostasis and cell death. Cell Calcium, 2018, 69, 62-72.	3.2	479
4	Ca2+ transfer from the ER to mitochondria: When, how and why. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 1342-1351.	1.6	402
5	ATP synthesis and storage. Purinergic Signalling, 2012, 8, 343-357.	2.5	394
6	Mitochondrial Ca2+ and apoptosis. Cell Calcium, 2012, 52, 36-43.	3.2	383
7	Systemic Elevation of PTEN Induces a Tumor-Suppressive Metabolic State. Cell, 2012, 149, 49-62.	27.8	349
8	Structural and functional link between the mitochondrial network and the endoplasmic reticulum. International Journal of Biochemistry and Cell Biology, 2009, 41, 1817-1827.	2.9	342
9	BAP1 regulates IP3R3-mediated Ca2+ flux to mitochondria suppressing cell transformation. Nature, 2017, 546, 549-553.	36.2	319
10	Calcium signaling around Mitochondria Associated Membranes (MAMs). Cell Communication and Signaling, 2011, 9, 19.	6.7	314
11	Ca2+ Signaling, Mitochondria and Cell Death. Current Molecular Medicine, 2008, 8, 119-130.	1.3	267
12	p53 at the endoplasmic reticulum regulates apoptosis in a Ca ²⁺ -dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1779-1784.	7.6	257
13	Mitochondria-Associated Membranes: Composition, Molecular Mechanisms, and Physiopathological Implications. Antioxidants and Redox Signaling, 2015, 22, 995-1019.	5.5	253
14	Mitochondria and Reactive Oxygen Species in Aging and Age-Related Diseases. International Review of Cell and Molecular Biology, 2018, 340, 209-344.	5.3	249
15	A STAT3-mediated metabolic switch is involved in tumour transformation and STAT3 addiction. Aging, 2010, 2, 823-842.	2.9	232
16	Molecular mechanisms and consequences of mitochondrial permeability transition. Nature Reviews Molecular Cell Biology, 2022, 23, 266-285.	37.3	232
17	Mitochondria-associated membranes (MAMs) and inflammation. Cell Death and Disease, 2018, 9, 329.	6.4	228
18	Downregulation of the Mitochondrial Calcium Uniporter by Cancer-Related miR-25. Current Biology, 2013, 23, 58-63.	4.0	204

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19	Molecular identity of the mitochondrial permeability transition pore and its role in ischemia-reperfusion injury. Journal of Molecular and Cellular Cardiology, 2015, 78, 142-153.	1.9	201
20	PTEN counteracts FBXL2 to promote IP3R3- and Ca2+-mediated apoptosis limiting tumour growth. Nature, 2017, 546, 554-558.	36.2	189
21	Calcium Dynamics as a Machine for Decoding Signals. Trends in Cell Biology, 2018, 28, 258-273.	8.1	187
22	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
23	Mitochondrial permeability transition involves dissociation of F₁<scp>F_O ATP</scp> synthase dimers and Câ€ring conformation. EMBO Reports, 2017, 18, 1077-1089.	5.1	172
24	Mitochondrial calcium homeostasis as potential target for mitochondrial medicine. Mitochondrion, 2012, 12, 77-85.	3.6	166
25	Syndromic parkinsonism and dementia associated with <scp>OPA</scp>1 missense mutations. Annals of Neurology, 2015, 78, 21-38.	5.8	163
26	The mitochondrial heme exporter FLVCR1b mediates erythroid differentiation. Journal of Clinical Investigation, 2012, 122, 4569-4579.	8.2	162
27	Mitochondria-associated membranes in aging and senescence: structure, function, and dynamics. Cell Death and Disease, 2018, 9, 332.	6.4	159
28	Calcium regulates cell death in cancer: Roles of the mitochondria and mitochondria-associated membranes (MAMs). Biochimica Et Biophysica Acta - Bioenergetics, 2017, 1858, 615-627.	1.6	157
29	The Role of Mitochondria in Inflammation: From Cancer to Neurodegenerative Disorders. Journal of Clinical Medicine, 2020, 9, 740.	2.5	157
30	Ca2+ Fluxes and Cancer. Molecular Cell, 2020, 78, 1055-1069.	9.6	150
31	Cancer metabolism and mitochondria: Finding novel mechanisms to fight tumours. EBioMedicine, 2020, 59, 102943.	6.0	133
32	PML at Mitochondria-Associated Membranes Is Critical for the Repression of Autophagy and Cancer Development. Cell Reports, 2016, 16, 2415-2427.	6.3	132
33	Redox Control of Protein Kinase C: Cell- and Disease-Specific Aspects. Antioxidants and Redox Signaling, 2010, 13, 1051-1085.	5.5	129
34	Mcl-1 involvement in mitochondrial dynamics is associated with apoptotic cell death. Molecular Biology of the Cell, 2016, 27, 20-34.	2.5	122
35	Endoplasmic Reticulum-Mitochondria Communication Through Ca2+ Signaling: The Importance of Mitochondria-Associated Membranes (MAMs). Advances in Experimental Medicine and Biology, 2017, 997, 49-67.	0.0	113
36	Defective autophagy is a key feature of cerebral cavernous malformations. EMBO Molecular Medicine, 2015, 7, 1403-1417.	7.3	112

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37	Emerging molecular mechanisms in chemotherapy: Ca2+ signaling at the mitochondria-associated endoplasmic reticulum membranes. Cell Death and Disease, 2018, 9, 334.	6.4	112
38	Akt kinase reducing endoplasmic reticulum Ca2+ release protects cells from Ca2+-dependent apoptotic stimuli. Biochemical and Biophysical Research Communications, 2008, 375, 501-505.	2.2	110
39	Germline BAP1 mutations induce a Warburg effect. Cell Death and Differentiation, 2017, 24, 1694-1704.	11.3	108
40	The versatility of mitochondrial calcium signals: From stimulation of cell metabolism to induction of cell death. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 808-816.	1.6	107
41	SEPN1, an endoplasmic reticulum-localized selenoprotein linked to skeletal muscle pathology, counteracts hyperoxidation by means of redox-regulating SERCA2 pump activity. Human Molecular Genetics, 2015, 24, 1843-1855.	3.0	105
42	Controlling metabolism and cell death: At the heart of mitochondrial calcium signalling. Journal of Molecular and Cellular Cardiology, 2009, 46, 781-788.	1.9	103
43	Expression of the P2X7 Receptor Increases the Ca2+ Content of the Endoplasmic Reticulum, Activates NFATc1, and Protects from Apoptosis. Journal of Biological Chemistry, 2009, 284, 10120-10128.	3.5	99
44	Role of Mitochondria-Associated ER Membranes in Calcium Regulation in Cancer-Specific Settings. Neoplasia, 2018, 20, 510-523.	5.3	99
45	Mechanistic Role of mPTP in Ischemia-Reperfusion Injury. Advances in Experimental Medicine and Biology, 2017, 982, 169-189.	0.0	98
46	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
47	The mitochondrial permeability transition pore is a dispensable element for mitochondrial calcium efflux. Cell Calcium, 2014, 56, 1-13.	3.2	90
48	STAT3 localizes to the ER, acting as a gatekeeper for ER-mitochondrion Ca2+ fluxes and apoptotic responses. Cell Death and Differentiation, 2019, 26, 932-942.	11.3	89
49	Aktâ€mediated phosphorylation of <scp>MICU</scp> 1 regulates mitochondrial Ca ²⁺ levels and tumor growth. EMBO Journal, 2019, 38, .	8.2	87
50	Intravital imaging reveals p53-dependent cancer cell death induced by phototherapy via calcium signaling. Oncotarget, 2015, 6, 1435-1445.	2.1	86
51	Physiopathology of the Permeability Transition Pore: Molecular Mechanisms in Human Pathology. Biomolecules, 2020, 10, 998.	4.2	84
52	Mitophagy in Cardiovascular Diseases. Journal of Clinical Medicine, 2020, 9, 892.	2.5	77
53	PRKCB/protein kinase C, beta and the mitochondrial axis as key regulators of autophagy. Autophagy, 2013, 9, 1367-1385.	11.0	72
54	Mitochondrial Function and Dysfunction in Dilated Cardiomyopathy. Frontiers in Cell and Developmental Biology, 2020, 8, 624216.	3.8	72

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55	Mitochondria-Associated Membranes (MAMs) as Hotspot Ca2+ Signaling Units. Advances in Experimental Medicine and Biology, 2012, 740, 411-437.	0.0	71
56	Autophagy and mitophagy biomarkers are reduced in sera of patients with Alzheimerâ€™s disease and mild cognitive impairment. Scientific Reports, 2019, 9, 20009.	3.4	70
57	Mitochondrial Ca2+ Signaling in Health, Disease and Therapy. Cells, 2021, 10, 1317.	4.3	67
58	Oxidative stress-dependent p66Shc phosphorylation in skin fibroblasts of children with mitochondrial disorders. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 952-960.	1.6	66
59	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.	7.6	61
60	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 Ca2+. Frontiers in Genetics, 2015, 6, 185.	2.3	59
61	Autophagy and mitophagy elements are increased in body fluids of multiple sclerosis-affected individuals. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 439-441.	6.0	57
62	Intersection of mitochondrial fission and fusion machinery with apoptotic pathways: Role of Mclâ€1. Biology of the Cell, 2016, 108, 279-293.	2.0	55
63	Mitochondria-Associated Endoplasmic Reticulum Membranes Microenvironment: Targeting Autophagic and Apoptotic Pathways in Cancer Therapy. Frontiers in Oncology, 2015, 5, 173.	2.9	53
64	Regulation of Endoplasmic Reticulumâ€“Mitochondria Ca2+ Transfer and Its Importance for Anti-Cancer Therapies. Frontiers in Oncology, 2017, 7, 180.	2.9	52
65	Targeting the NLRP3 Inflammasome as a New Therapeutic Option for Overcoming Cancer. Cancers, 2021, 13, 2297.	3.8	52
66	A maladaptive ER stress response triggers dysfunction in highly active muscles of mice with SELENON loss. Redox Biology, 2019, 20, 354-366.	9.1	49
67	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
68	Antipsychotic drugs counteract autophagy and mitophagy in multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.6	47
69	Different Roles of Mitochondria in Cell Death and Inflammation: Focusing on Mitochondrial Quality Control in Ischemic Stroke and Reperfusion. Biomedicines, 2021, 9, 169.	3.3	46
70	Oncogenic and oncosuppressive signal transduction at mitochondria-associated endoplasmic reticulum membranes. Molecular and Cellular Oncology, 2014, 1, e956469.	0.9	45
71	Mitochondrial redox signalling by p66Shc mediates ALS-like disease through Rac1 inactivation. Human Molecular Genetics, 2011, 20, 4196-4208.	3.0	43
72	Mitochondria associated membranes (MAMs) as critical hubs for apoptosis. Communicative and Integrative Biology, 2011, 4, 334-335.	1.5	43

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73	Discovery of Novel 1,3,8-Triazaspiro[4.5]decane Derivatives That Target the c Subunit of F₁/F_O-Adenosine Triphosphate (ATP) Synthase for the Treatment of Reperfusion Damage in Myocardial Infarction. Journal of Medicinal Chemistry, 2018, 61, 7131-7143.	6.6	42
74	TFEB-mediated increase in peripheral lysosomes regulates store-operated calcium entry. Scientific Reports, 2017, 7, 40797.	3.4	40
75	Endoplasmic reticulum-mitochondria Ca2+ crosstalk in the control of the tumor cell fate. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 858-864.	4.1	39
76	Mitochondria: Insights into Crucial Features to Overcome Cancer Chemoresistance. International Journal of Molecular Sciences, 2021, 22, 4770.	4.2	38
77	Calcium mishandling in absence of primary mitochondrial dysfunction drives cellular pathology in Wolfram Syndrome. Scientific Reports, 2020, 10, 4785.	3.4	37
78	Mitochondrial calcium uniporter complex modulation in cancerogenesis. Cell Cycle, 2019, 18, 1068-1083.	2.8	36
79	Interorganellar calcium signaling in the regulation of cell metabolism: A cancer perspective. Seminars in Cell and Developmental Biology, 2020, 98, 167-180.	5.4	36
80	STAT3 Activities and Energy Metabolism: Dangerous Liaisons. Cancers, 2014, 6, 1579-1596.	3.8	35
81	Alterations in Ca2+ Signalling via ER-Mitochondria Contact Site Remodelling in Cancer. Advances in Experimental Medicine and Biology, 2017, 997, 225-254.	0.0	35
82	Mitochondrial P2X7 Receptor Localization Modulates Energy Metabolism Enhancing Physical Performance. Function, 2021, 2, zqab005.	2.1	35
83	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
84	Defective endoplasmic reticulum-mitochondria contacts and bioenergetics in SEPN1-related myopathy. Cell Death and Differentiation, 2021, 28, 123-138.	11.3	34
85	Relevance of Autophagy and Mitophagy Dynamics and Markers in Neurodegenerative Diseases. Biomedicines, 2021, 9, 149.	3.3	33
86	Consensus report of the 8 and 9th Weinman Symposia on Gene x Environment Interaction in carcinogenesis: novel opportunities for precision medicine. Cell Death and Differentiation, 2018, 25, 1885-1904.	11.3	32
87	Sorcin is an early marker of neurodegeneration, Ca2+ dysregulation and endoplasmic reticulum stress associated to neurodegenerative diseases. Cell Death and Disease, 2020, 11, 861.	6.4	32
88	Correlation between auto/mitophagic processes and magnetic resonance imaging activity in multiple sclerosis patients. Journal of Neuroinflammation, 2019, 16, 131.	7.4	31
89	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
90	Impairment of mitophagy and autophagy accompanies calcific aortic valve stenosis favouring cell death and the severity of disease. Cardiovascular Research, 2022, 118, 2548-2559.	3.7	27

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91	The endoplasmic reticulum mitochondrial calcium cross talk is downregulated in malignant pleural mesothelioma cells and plays a critical role in apoptosis inhibition. Oncotarget, 2015, 6, 23427-23444.	2.1	27
92	Calcium dysregulation in heart diseases: Targeting calcium channels to achieve a correct calcium homeostasis. Pharmacological Research, 2022, 177, 106119.	7.2	27
93	Fo ATP synthase C subunit serum levels in patients with ST-segment Elevation Myocardial Infarction: Preliminary findings. International Journal of Cardiology, 2016, 221, 993-997.	1.6	26
94	Down-regulation of the mitochondrial aspartate-glutamate carrier isoform 1 AGC1 inhibits proliferation and N-acetylaspartate synthesis in Neuro2A cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1422-1435.	3.8	26
95	The Dichotomous Role of Inflammation in the CNS: A Mitochondrial Point of View. Biomolecules, 2020, 10, 1437.	4.2	25
96	Citrate Mediates Crosstalk between Mitochondria and the Nucleus to Promote Human Mesenchymal Stem Cell In Vitro Osteogenesis. Cells, 2020, 9, 1034.	4.3	25
97	The Interplay of Hypoxia Signaling on Mitochondrial Dysfunction and Inflammation in Cardiovascular Diseases and Cancer: From Molecular Mechanisms to Therapeutic Approaches. Biology, 2022, 11, 300.	2.9	24
98	Aortic Valve Stenosis and Mitochondrial Dysfunctions: Clinical and Molecular Perspectives. International Journal of Molecular Sciences, 2020, 21, 4899.	4.2	23
99	A naturally occurring mutation in ATP synthase subunit c is associated with increased damage following hypoxia/reoxygenation in STEMI patients. Cell Reports, 2021, 35, 108983.	6.3	23
100	Hyaluronic Acid Induces Activation of the Î¹-Opioid Receptor. PLoS ONE, 2013, 8, e55510.	2.5	23
101	High IGFBP2 Expression Correlates with Tumor Severity in Pediatric Rhabdomyosarcoma. American Journal of Pathology, 2011, 179, 2611-2624.	4.1	22
102	Alterations in Mitochondrial and Endoplasmic Reticulum Signaling by p53 Mutants. Frontiers in Oncology, 2016, 6, 42.	2.9	21
103	Novel frontiers in calcium signaling: A possible target for chemotherapy. Pharmacological Research, 2015, 99, 82-85.	7.2	20
104	NS5A Promotes Constitutive Degradation of IP3R3 to Counteract Apoptosis Induced by Hepatitis C Virus. Cell Reports, 2018, 25, 833-840.e3.	6.3	20
105	Mitochondrial Control of Genomic Instability in Cancer. Cancers, 2021, 13, 1914.	3.8	20
106	p66Shc Aging Protein in Control of Fibroblasts Cell Fate. International Journal of Molecular Sciences, 2011, 12, 5373-5389.	4.2	19
107	FTY720 inhibits mesothelioma growth in vitro and in a syngeneic mouse model. Journal of Translational Medicine, 2017, 15, 58.	4.5	19
108	From Bed to Bench and Back: TNF-Î±, IL-23/IL-17A, and JAK-Dependent Inflammation in the Pathogenesis of Psoriatic Synovitis. Frontiers in Pharmacology, 2021, 12, 672515.	3.6	19

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109	Molecular Mechanisms of Autophagy in Cancer Development, Progression, and Therapy. Biomedicines, 2022, 10, 1596.	3.3	19
110	Mitochondrial Bioenergetics and Dynamism in the Failing Heart. Life, 2021, 11, 436.	2.5	18
111	TFG binds LC3C to regulate ULK1 localization and autophagosome formation. EMBO Journal, 2021, 40, e103563.	8.2	18
112	Epigenetic Regulation: A Link between Inflammation and Carcinogenesis. Cancers, 2022, 14, 1221.	3.8	18
113	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, .	7.6	17
114	The Tricky Connection between Extracellular Vesicles and Mitochondria in Inflammatory-Related Diseases. International Journal of Molecular Sciences, 2023, 24, 8181.	4.2	17
115	PML at mitochondria-associated membranes governs a trimeric complex with NLRP3 and P2X7R that modulates the tumor immune microenvironment. Cell Death and Differentiation, 2023, 30, 429-441.	11.3	16
116	Beyond Abscopal Effect: A Meta-Analysis of Immune Checkpoint Inhibitors and Radiotherapy in Advanced Non-Small Cell Lung Cancer. Cancers, 2021, 13, 2352.	3.8	15
117	An Updated Understanding of the Role of YAP in Driving Oncogenic Responses. Cancers, 2021, 13, 3100.	3.8	15
118	Measurement of ATP concentrations in mitochondria of living cells using luminescence and fluorescence approaches. Methods in Cell Biology, 2020, 155, 199-219.	2.1	14
119	A family with paroxysmal nonkinesigenic dyskinesias (PNKD): Evidence of mitochondrial dysfunction. European Journal of Paediatric Neurology, 2015, 19, 64-68.	1.5	13
120	Deficiency of Mitochondrial Aspartate-Glutamate Carrier 1 Leads to Oligodendrocyte Precursor Cell Proliferation Defects Both In Vitro and In Vivo. International Journal of Molecular Sciences, 2019, 20, 4486.	4.2	13
121	Mitochondria as the decision makers for cancer cell fate: from signaling pathways to therapeutic strategies. Cell Calcium, 2020, 92, 102308.	3.2	13
122	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
123	Novel Aryl Sulfonamide Derivatives as NLRP3 Inflammasome Inhibitors for the Potential Treatment of Cancer. Journal of Medicinal Chemistry, 2023, 66, 5223-5241.	6.6	13
124	Inside the tumor: p53 modulates calcium homeostasis. Cell Cycle, 2015, 14, 933-934.	2.8	11
125	Methods to Monitor Mitophagy and Mitochondrial Quality: Implications in Cancer, Neurodegeneration, and Cardiovascular Diseases. Methods in Molecular Biology, 2021, 2310, 113-159.	0.0	10
126	Translocation of signalling proteins to the plasma membrane revealed by a new bioluminescent procedure. BMC Cell Biology, 2011, 12, 27.	2.9	9

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127	Other bricks for the correct construction of the mitochondrial permeability transition pore complex. Cell Death and Disease, 2017, 8, e2698-e2698.	6.4	9
128	Comprehensive Analysis of Mitochondrial Dynamics Alterations in Heart Diseases. International Journal of Molecular Sciences, 2023, 24, 3414.	4.2	8
129	Regulation of PKCÎ² levels and autophagy by PML is essential for high-glucose-dependent mesenchymal stem cell adipogenesis. International Journal of Obesity, 2019, 43, 963-973.	3.5	7
130	Identification of small-molecule urea derivatives as PTPC modulators targeting the c subunit of F1/Fo-ATP synthase. Bioorganic and Medicinal Chemistry Letters, 2022, 72, 128822.	2.3	6
131	The NLRP3 Inflammasome in Neurodegenerative Disorders: Insights from Epileptic Models. Biomedicines, 2023, 11, 2825.	3.3	6
132	Increase of Parkin and ATG5 plasmatic levels following perinatal hypoxic-ischemic encephalopathy. Scientific Reports, 2022, 12, 7795.	3.4	5
133	Inflammatory Microenvironment in Early Non-Small Cell Lung Cancer: Exploring the Predictive Value of Radiomics. Cancers, 2022, 14, 3335.	3.8	5
134	The Mitochondrial Permeability Transition Pore. , 2018, , 47-73.		4
135	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
136	Some Insights into the Regulation of Cardiac Physiology and Pathology by the Hippo Pathway. Biomedicines, 2022, 10, 726.	3.3	4
137	The Multifaceted Roles of Autophagy in Infectious, Obstructive, and Malignant Airway Diseases. Biomedicines, 2022, 10, 1944.	3.3	4
138	The Complex Relationship between Hypoxia Signaling, Mitochondrial Dysfunction and Inflammation in Calcific Aortic Valve Disease: Insights from the Molecular Mechanisms to Therapeutic Approaches. International Journal of Molecular Sciences, 2023, 24, 11105.	4.2	4
139	Functions and dys-functions of promyelocytic leukemia protein PML. Rendiconti Lincei, 2018, 29, 411-420.	2.2	3
140	Synthesis and NLRP3-Inflammasome Inhibitory Activity of the Naturally Occurring Velutone F and of Its Non-Natural Regioisomeric Chalconoids. International Journal of Molecular Sciences, 2022, 23, 8957.	4.2	3
141	Sars-CoV-2 Infection Prompts IL-1Î²-Mediated Inflammation and Reduces IFN-Î» Expression in Human Lung Tissue. Pathogens, 2022, 11, 1390.	2.9	3
142	Evaluation of the Synovial Effects of Biological and Targeted Synthetic DMARDs in Patients with Psoriatic Arthritis: A Systematic Literature Review and Meta-Analysis. International Journal of Molecular Sciences, 2023, 24, 5006.	4.2	3
143	Methods to Study PTEN in Mitochondria and Endoplasmic Reticulum. Methods in Molecular Biology, 2016, 1388, 187-212.	0.0	2
144	Similarities between fibroblasts and cardiomyocytes in the study of the permeability transition pore. European Journal of Clinical Investigation, 2022, 52, e13764.	3.4	2

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145	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. International Journal of Molecular Sciences, 2023, 24, 6191.	4.2	2
146	Glioblastoma: Prognostic Factors and Predictive Response to Radio and Chemotherapy. Current Medicinal Chemistry, 2020, 27, 2814-2825.	2.5	1
147	Measuring Mitochondrial Calcium Fluxes in Cardiomyocytes upon Mechanical Stretch-Induced Hypertrophy. Methods in Molecular Biology, 2022, 2475, 215-222.	0.0	0
148	Germline BARD1 variants predispose to mesothelioma by impairing DNA repair and calcium signaling. Proceedings of the National Academy of Sciences of the United States of America, 2024, 121, .	7.6	0