

# Paolo Pinton

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

353  
papers

33,855  
citations

89  
h-index

177  
g-index

395  
ext. papers

39,818  
ext. citations

7.6  
avg, IF

7.1  
L-index

#	Paper	IF	Citations
353	Extracellular ATP is increased by release of ATP-loaded microparticles triggered by nutrient deprivation.. <i>Theranostics</i> , <b>2022</b> , 12, 859-874	12.1	0
352	Activation of the sigma-1 receptor chaperone alleviates symptoms of Wolfram syndrome in preclinical models.. <i>Science Translational Medicine</i> , <b>2022</b> , 14, eabh3763	17.5	3
351	Calcium dysregulation in heart diseases: Targeting calcium channels to achieve a correct calcium homeostasis.. <i>Pharmacological Research</i> , <b>2022</b> , 177, 106119	10.2	4
350	Similarities between fibroblasts and cardiomyocytes in the study of the permeability transition pore.. <i>European Journal of Clinical Investigation</i> , <b>2022</b> , e13764	4.6	0
349	Overview of CF lung pathophysiology.. <i>Current Opinion in Pharmacology</i> , <b>2022</b> , 64, 102214	5.1	1
348	Increase of Parkin and ATG5 plasmatic levels following perinatal hypoxic-ischemic encephalopathy.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7795	4.9	0
347	The LRRC8C-STING-p53 axis in T cells: a Ca <sup>2+</sup> affair. <i>Cell Calcium</i> , <b>2022</b> , 102596	4	
346	The mitochondrial stress responses in the Dr. Jekyll and Mr. Hyde of neuronal disorders. <i>Neural Regeneration Research</i> , <b>2022</b> , 17, 2563	4.5	0
345	Identification of small-molecule urea derivatives as PTPC modulators targeting the c subunit of F <sub>1</sub> /F <sub>o</sub> -ATP Synthase. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2022</b> , 128822	2.9	1
344	Methods to isolate adipose tissue-derived stem cells. <i>Methods in Cell Biology</i> , <b>2022</b> ,	1.8	
343	Molecular mechanisms and consequences of mitochondrial permeability transition. <i>Nature Reviews Molecular Cell Biology</i> , <b>2021</b> ,	48.7	19
342	Understanding the Role of Autophagy in Cancer Formation and Progression Is a Real Opportunity to Treat and Cure Human Cancers. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
341	BAP1 forms a trimer with HMGB1 and HDAC1 that modulates gene environment interaction with asbestos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	1
340	Control of host mitochondria by bacterial pathogens. <i>Trends in Microbiology</i> , <b>2021</b> ,	12.4	6
339	Impaired mitochondrial quality control in Rett Syndrome. <i>Archives of Biochemistry and Biophysics</i> , <b>2021</b> , 700, 108790	4.1	4
338	A naturally occurring mutation in ATP synthase subunit c is associated with increased damage following hypoxia/reoxygenation in STEMI patients. <i>Cell Reports</i> , <b>2021</b> , 35, 108983	10.6	11
337	Mitochondria: Insights into Crucial Features to Overcome Cancer Chemoresistance. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5

336	Mitochondrial Control of Genomic Instability in Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
335	MitopatHs: a new logically-framed tool for visualizing multiple mitochondrial pathways. <i>IScience</i> , <b>2021</b> , 24, 102324	6.1	1
334	Targeting the NLRP3 Inflammasome as a New Therapeutic Option for Overcoming Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	10
333	Mitochondrial Ca Signaling in Health, Disease and Therapy. <i>Cells</i> , <b>2021</b> , 10,	7.9	23
332	Beyond Abscopal Effect: A Meta-Analysis of Immune Checkpoint Inhibitors and Radiotherapy in Advanced Non-Small Cell Lung Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
331	Mitochondrial Bioenergetics and Dynamism in the Failing Heart. <i>Life</i> , <b>2021</b> , 11,	3	6
330	TFG binds LC3C to regulate ULK1 localization and autophagosome formation. <i>EMBO Journal</i> , <b>2021</b> , 40, e103563	13	7
329	Mitochondria, oxidative stress and nonalcoholic fatty liver disease: A complex relationship. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , e13622	4.6	7
328	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> , <b>2021</b> , 12, 672515	5.6	4
327	Antipsychotic drugs counteract autophagy and mitophagy in multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	7
326	An Updated Understanding of the Role of YAP in Driving Oncogenic Responses. <i>Cancers</i> , <b>2021</b> , 13,	6.6	5
325	The heme synthesis-export system regulates the tricarboxylic acid cycle flux and oxidative phosphorylation. <i>Cell Reports</i> , <b>2021</b> , 35, 109252	10.6	8
324	Cell death as a result of calcium signaling modulation: A cancer-centric prospective. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2021</b> , 1868, 119061	4.9	6
323	Concise synthesis and biological evaluation of 2-Aryl-3-Anilinobenzo[b]thiophene derivatives as potent apoptosis-inducing agents. <i>Bioorganic Chemistry</i> , <b>2021</b> , 112, 104919	5.1	0
322	Defective endoplasmic reticulum-mitochondria contacts and bioenergetics in SEPN1-related myopathy. <i>Cell Death and Differentiation</i> , <b>2021</b> , 28, 123-138	12.7	10
321	Mitochondrial P2X7 Receptor Localization Modulates Energy Metabolism Enhancing Physical Performance.. <i>Function</i> , <b>2021</b> , 2, zqab005	6.1	4
320	Methods to Monitor Mitophagy and Mitochondrial Quality: Implications in Cancer, Neurodegeneration, and Cardiovascular Diseases. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2310, 113-159	1.4	1
319	Different Roles of Mitochondria in Cell Death and Inflammation: Focusing on Mitochondrial Quality Control in Ischemic Stroke and Reperfusion. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	16

318	Mitochondrial Oxidative Stress and "Mito-Inflammation": Actors in the Diseases. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	21
317	Relevance of Autophagy and Mitophagy Dynamics and Markers in Neurodegenerative Diseases. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	10
316	Calcium flux control by Pacs1-Wdr37 promotes lymphocyte quiescence and lymphoproliferative diseases. <i>EMBO Journal</i> , <b>2021</b> , 40, e104888	13	3
315	Update on Calcium Signaling in Cystic Fibrosis Lung Disease. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 581645	5.6	5
314	Impairment of mitophagy and autophagy accompanies calcific aortic valve stenosis favoring cell death and the severity of disease. <i>Cardiovascular Research</i> , <b>2021</b> ,	9.9	8
313	Adding a "Notch" to Cardiovascular Disease Therapeutics: A MicroRNA-Based Approach. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 695114	5.7	7
312	Mitochondrial calcium homeostasis in hematopoietic stem cell: Molecular regulation of quiescence, function, and differentiation. <i>International Review of Cell and Molecular Biology</i> , <b>2021</b> , 362, 111-140	6	3
311	The mystery of mitochondria-ER contact sites in physiology and pathology: A cancer perspective. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165834	6.9	22
310	Pharmacological modulation of mitochondrial calcium uniporter controls lung inflammation in cystic fibrosis. <i>Science Advances</i> , <b>2020</b> , 6, eaax9093	14.3	21
309	Ca Fluxes and Cancer. <i>Molecular Cell</i> , <b>2020</b> , 78, 1055-1069	17.6	54
308	Calcium mishandling in absence of primary mitochondrial dysfunction drives cellular pathology in Wolfram Syndrome. <i>Scientific Reports</i> , <b>2020</b> , 10, 4785	4.9	16
307	Mitophagy in Cardiovascular Diseases. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	42
306	Physiopathology of the Permeability Transition Pore: Molecular Mechanisms in Human Pathology. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	40
305	Fluorescent Light Energy (FLE) Acts on Mitochondrial Physiology Improving Wound Healing. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	7
304	Citrate Mediates Crosstalk between Mitochondria and the Nucleus to Promote Human Mesenchymal Stem Cell In Vitro Osteogenesis. <i>Cells</i> , <b>2020</b> , 9,	7.9	13
303	Detection of p62/SQSTM1 Aggregates in Cellular Models of CCM Disease by Immunofluorescence. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2152, 417-426	1.4	
302	The role of mitochondria-associated membranes in cellular homeostasis and diseases. <i>International Review of Cell and Molecular Biology</i> , <b>2020</b> , 350, 119-196	6	32
301	Measurement of ATP concentrations in mitochondria of living cells using luminescence and fluorescence approaches. <i>Methods in Cell Biology</i> , <b>2020</b> , 155, 199-219	1.8	8

2900	PLC $\beta$ suppression promotes the adaptation of KRAS-mutant lung adenocarcinomas to hypoxia. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 1382-1395	23.4	11
2999	The Dichotomous Role of Inflammation in the CNS: A Mitochondrial Point of View. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	11
2988	Asbestos induces mesothelial cell transformation via HMGB1-driven autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 25543-25552	11.5	23
2977	Mitochondria as the decision makers for cancer cell fate: from signaling pathways to therapeutic strategies. <i>Cell Calcium</i> , <b>2020</b> , 92, 102308	4	5
2966	Rehabilitation Improves Mitochondrial Energetics in Progressive Multiple Sclerosis: The Significant Role of Robot-Assisted Gait Training and of the Personalized Intensity. <i>Diagnostics</i> , <b>2020</b> , 10,	3.8	4
2955	Mitochondrial Stress Responses and "Mito-Inflammation" in Cystic Fibrosis. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 581114	5.6	8
2944	Aortic Valve Stenosis and Mitochondrial Dysfunctions: Clinical and Molecular Perspectives. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
2933	An expanded palette of improved SPLICS reporters detects multiple organelle contacts in vitro and in vivo. <i>Nature Communications</i> , <b>2020</b> , 11, 6069	17.4	13
2922	Various Aspects of Calcium Signaling in the Regulation of Apoptosis, Autophagy, Cell Proliferation, and Cancer. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	32
2911	The induction of AMPK-dependent autophagy leads to P53 degradation and affects cell growth and migration in kidney cancer cells. <i>Experimental Cell Research</i> , <b>2020</b> , 395, 112190	4.2	10
2900	Role of Cystic Fibrosis Bronchial Epithelium in Neutrophil Chemotaxis. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1438	8.4	9
2899	Cancer-Related Increases and Decreases in Calcium Signaling at the Endoplasmic Reticulum-Mitochondria Interface (MAMs). <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , <b>2020</b> , 1	2.9	9
2888	Cancer metabolism and mitochondria: Finding novel mechanisms to fight tumours. <i>EBioMedicine</i> , <b>2020</b> , 59, 102943	8.8	35
2877	Interorganellar calcium signaling in the regulation of cell metabolism: A cancer perspective. <i>Seminars in Cell and Developmental Biology</i> , <b>2020</b> , 98, 167-180	7.5	24
2866	Human aquaporin-11 guarantees efficient transport of HO across the endoplasmic reticulum membrane. <i>Redox Biology</i> , <b>2020</b> , 28, 101326	11.3	45
2855	Translational readthrough of nonsense mutations suggests dominant-negative effects exerted by the interaction of wild-type and missense variants. <i>RNA Biology</i> , <b>2020</b> , 17, 254-263	4.8	8
2844	Susceptibility to cellular stress in PS1 mutant N2a cells is associated with mitochondrial defects and altered calcium homeostasis. <i>Scientific Reports</i> , <b>2020</b> , 10, 6455	4.9	0
2833	Glyceryl Tristearate-Based Lipid Microparticles Loaded with the Tattoo Colorant, Acid Red 87: Colorant Retention Capacity in Excised Porcine Skin. <i>Skin Pharmacology and Physiology</i> , <b>2020</b> , 33, 323-330		

282	Mitochondrial Function and Dysfunction in Dilated Cardiomyopathy. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 624216	5.7	14
281	Metformin Induces Apoptosis and Inhibits Notch1 in Malignant Pleural Mesothelioma Cells. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 534499	5.7	1
280	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> , <b>2019</b> , 20,	6.3	6
279	A New Current for the Mitochondrial Permeability Transition. <i>Trends in Biochemical Sciences</i> , <b>2019</b> , 44, 559-561	10.3	23
278	Mitochondrial calcium uniporter complex modulation in cancerogenesis. <i>Cell Cycle</i> , <b>2019</b> , 18, 1068-1083	4.7	24
277	High mitochondrial Ca content increases cancer cell proliferation upon inhibition of mitochondrial permeability transition pore (mPTP). <i>Cell Cycle</i> , <b>2019</b> , 18, 914-916	4.7	15
276	Melatonin as a master regulator of cell death and inflammation: molecular mechanisms and clinical implications for newborn care. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 317	9.8	91
275	Constitutive IP signaling underlies the sensitivity of B-cell cancers to the Bcl-2/IP receptor disruptor BIRD-2. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 531-547	12.7	51
274	STAT3 localizes to the ER, acting as a gatekeeper for ER-mitochondrion Ca fluxes and apoptotic responses. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 932-942	12.7	57
273	Metformin prevents liver tumourigenesis by attenuating fibrosis in a transgenic mouse model of hepatocellular carcinoma. <i>Oncogene</i> , <b>2019</b> , 38, 7035-7045	9.2	34
272	Mitochondrial functionality and metabolism in T cells from progressive multiple sclerosis patients. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 2204-2221	6.1	17
271	Pioglitazone Improves Mitochondrial Organization and Bioenergetics in Down Syndrome Cells. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 606	4.5	13
270	Characterization of Dermal Stem Cells of Diabetic Patients. <i>Cells</i> , <b>2019</b> , 8,	7.9	11
269	Correlation between auto/mitophagic processes and magnetic resonance imaging activity in multiple sclerosis patients. <i>Journal of Neuroinflammation</i> , <b>2019</b> , 16, 131	10.1	20
268	KRIT1 Deficiency Promotes Aortic Endothelial Dysfunction. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	16
267	Autophagy and mitophagy biomarkers are reduced in sera of patients with Alzheimer's disease and mild cognitive impairment. <i>Scientific Reports</i> , <b>2019</b> , 9, 20009	4.9	40
266	Targeting mitochondria for cardiovascular disorders: therapeutic potential and obstacles. <i>Nature Reviews Cardiology</i> , <b>2019</b> , 16, 33-55	14.8	104
265	Akt-mediated phosphorylation of MICU1 regulates mitochondrial Ca levels and tumor growth. <i>EMBO Journal</i> , <b>2019</b> , 38,	13	52

264	A maladaptive ER stress response triggers dysfunction in highly active muscles of mice with SELENON loss. <i>Redox Biology</i> , <b>2019</b> , 20, 354-366	11.3	32
263	Emerging molecular mechanisms in chemotherapy: Ca signaling at the mitochondria-associated endoplasmic reticulum membranes. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 334	9.8	68
262	PLCB3 Loss of Function Reduces Pseudomonas aeruginosa-Dependent IL-8 Release in Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2018</b> , 59, 428-436	5.7	8
261	Role of Mitochondria-Associated ER Membranes in Calcium Regulation in Cancer-Specific Settings. <i>Neoplasia</i> , <b>2018</b> , 20, 510-523	6.4	77
260	Calcium Dynamics as a Machine for Decoding Signals. <i>Trends in Cell Biology</i> , <b>2018</b> , 28, 258-273	18.3	103
259	Gelatin-genipin-based biomaterials for skeletal muscle tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2018</b> , 106, 2763-2777	3.5	30
258	Dopamine D2 receptor-mediated neuroprotection in a G2019S Lrrk2 genetic model of Parkinson's disease. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 204	9.8	24
257	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 486-541	12.7	2160
256	Mitochondria in non-alcoholic fatty liver disease. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2018</b> , 95, 93-99	5.6	118
255	MicroRNA501-5p induces p53 proteasome degradation through the activation of the mTOR/MDM2 pathway in ADPKD cells. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 6911-6924	7	22
254	Vav1 is necessary for PU.1 mediated upmodulation of miR-29b in acute myeloid leukaemia-derived cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 3149-3158	5.6	7
253	Recovering Mitochondrial Function in Patients Fibroblasts <b>2018</b> , 359-378		2
252	The Mitochondrial Permeability Transition Pore <b>2018</b> , 47-73		3
251	Mitochondrial and endoplasmic reticulum calcium homeostasis and cell death. <i>Cell Calcium</i> , <b>2018</b> , 69, 62-72	4	241
250	Discovery of Novel 1,3,8-Triazaspiro[4.5]decane Derivatives That Target the c Subunit of F/F-Adenosine Triphosphate (ATP) Synthase for the Treatment of Reperfusion Damage in Myocardial Infarction. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 7131-7143	8.3	31
249	LonP1 Differently Modulates Mitochondrial Function and Bioenergetics of Primary Versus Metastatic Colon Cancer Cells. <i>Frontiers in Oncology</i> , <b>2018</b> , 8, 254	5.3	20
248	The machineries, regulation and cellular functions of mitochondrial calcium. <i>Nature Reviews Molecular Cell Biology</i> , <b>2018</b> , 19, 713-730	48.7	288
247	Autophagy and mitophagy elements are increased in body fluids of multiple sclerosis-affected individuals. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2018</b> , 89, 439-441	5.5	36

246	Heart rate reduction with ivabradine in the early phase of atherosclerosis is protective in the endothelium of ApoE-deficient mice. <i>Journal of Physiology and Pharmacology</i> , <b>2018</b> , 69, 35-52	2.1	15
245	Membrane-potential compensation reveals mitochondrial volume expansion during HSC commitment. <i>Experimental Hematology</i> , <b>2018</b> , 68, 30-37.e1	3.1	19
244	Transglutaminase Type 2 Regulates ER-Mitochondria Contact Sites by Interacting with GRP75. <i>Cell Reports</i> , <b>2018</b> , 25, 3573-3581.e4	10.6	61
243	Mitochondrial DNA keeps you young. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 992	9.8	2
242	NS5A Promotes Constitutive Degradation of IP3R3 to Counteract Apoptosis Induced by Hepatitis C Virus. <i>Cell Reports</i> , <b>2018</b> , 25, 833-840.e3	10.6	12
241	ER-mitochondria cross-talk is regulated by the Ca sensor NCS1 and is impaired in Wolfram syndrome. <i>Science Signaling</i> , <b>2018</b> , 11,	8.8	48
240	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> , <b>2018</b> , 25, 1885-1904 <sup>12,7</sup> 17	12.7	17
239	IP receptor blockade restores autophagy and mitochondrial function in skeletal muscle fibers of dystrophic mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 3685-3695	6.9	15
238	Relation Between Mitochondrial Membrane Potential and ROS Formation. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1782, 357-381	1.4	42
237	Mitochondria and Reactive Oxygen Species in Aging and Age-Related Diseases. <i>International Review of Cell and Molecular Biology</i> , <b>2018</b> , 340, 209-344	6	102
236	Endoplasmic reticulum-mitochondria Ca crosstalk in the control of the tumor cell fate. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2017</b> , 1864, 858-864	4.9	32
235	TFEB-mediated increase in peripheral lysosomes regulates store-operated calcium entry. <i>Scientific Reports</i> , <b>2017</b> , 7, 40797	4.9	28
234	Metformin restores the mitochondrial network and reverses mitochondrial dysfunction in Down syndrome cells. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 1056-1069	5.6	53
233	Calcium regulates cell death in cancer: Roles of the mitochondria and mitochondria-associated membranes (MAMs). <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2017</b> , 1858, 615-627	4.6	111
232	Protein Kinase C $\alpha$ a New Target Therapy to Prevent the Long-Term Atypical Antipsychotic-Induced Weight Gain. <i>Neuropsychopharmacology</i> , <b>2017</b> , 42, 1491-1501	8.7	10
231	Regulation of Calcium Fluxes by GPX8, a Type-II Transmembrane Peroxidase Enriched at the Mitochondria-Associated Endoplasmic Reticulum Membrane. <i>Antioxidants and Redox Signaling</i> , <b>2017</b> , 27, 583-595	8.4	46
230	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> , <b>2017</b> , 1863, 1422-1435	6.9	13
229	The effectiveness of Robot-Assisted Gait Training versus conventional therapy on mobility in severely disabled progressive Multiple sclerosis patients (RAGTIME): study protocol for a randomized controlled trial. <i>Trials</i> , <b>2017</b> , 18, 88	2.8	13



228	Methods to Assess Mitochondrial Morphology in Mammalian Cells Mounting Autophagic or Mitophagic Responses. <i>Methods in Enzymology</i> , <b>2017</b> , 588, 171-186	1.7	12
227	Reticulon 3-dependent ER-PM contact sites control EGFR nonclathrin endocytosis. <i>Science</i> , <b>2017</b> , 356, 617-624	33.3	85
226	A mitochondrial drug to treat AML. <i>Blood</i> , <b>2017</b> , 129, 2597-2599	2.2	1
225	Clinical benefit of drugs targeting mitochondrial function as an adjunct to reperfusion in ST-segment elevation myocardial infarction: A meta-analysis of randomized clinical trials. <i>International Journal of Cardiology</i> , <b>2017</b> , 244, 59-66	3.2	16
224	Pharmaco-toxicological effects of the novel third-generation fluorinate synthetic cannabinoids, 5F-ADBINA, AB-FUBINA, and STS-135 in mice. In vitro and in vivo studies. <i>Human Psychopharmacology</i> , <b>2017</b> , 32, e2601	2.3	25
223	Mechanistic Role of mPTP in Ischemia-Reperfusion Injury. <i>Advances in Experimental Medicine and Biology</i> , <b>2017</b> , 982, 169-189	3.6	62
222	Mitochondrial permeability transition involves dissociation of FF ATP synthase dimers and C-ring conformation. <i>EMBO Reports</i> , <b>2017</b> , 18, 1077-1089	6.5	122
221	BAP1 regulates IP3R3-mediated Ca flux to mitochondria suppressing cell transformation. <i>Nature</i> , <b>2017</b> , 546, 549-553	50.4	211
220	PTEN counteracts FBXL2 to promote IP3R3- and Ca-mediated apoptosis limiting tumour growth. <i>Nature</i> , <b>2017</b> , 546, 554-558	50.4	139
219	The TDH-GCN5L1-Fbxo15-KBP axis limits mitochondrial biogenesis in mouse embryonic stem cells. <i>Nature Cell Biology</i> , <b>2017</b> , 19, 341-351	23.4	32
218	Endoplasmic Reticulum-Mitochondria Communication Through Ca Signaling: The Importance of Mitochondria-Associated Membranes (MAMs). <i>Advances in Experimental Medicine and Biology</i> , <b>2017</b> , 997, 49-67	3.6	73
217	Data on administration of cyclosporine, nicorandil, metoprolol on reperfusion related outcomes in ST-segment Elevation Myocardial Infarction treated with percutaneous coronary intervention. <i>Data in Brief</i> , <b>2017</b> , 14, 197-205	1.2	10
216	Alterations in Ca Signalling via ER-Mitochondria Contact Site Remodelling in Cancer. <i>Advances in Experimental Medicine and Biology</i> , <b>2017</b> , 997, 225-254	3.6	25
215	Use of luciferase probes to measure ATP in living cells and animals. <i>Nature Protocols</i> , <b>2017</b> , 12, 1542-1562	28.8	102
214	FTY720 inhibits mesothelioma growth in vitro and in a syngeneic mouse model. <i>Journal of Translational Medicine</i> , <b>2017</b> , 15, 58	8.5	15
213	Germline BAP1 mutations induce a Warburg effect. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 1694-1704	12.7	75
212	Mitochondria in Multiple Sclerosis: Molecular Mechanisms of Pathogenesis. <i>International Review of Cell and Molecular Biology</i> , <b>2017</b> , 328, 49-103	6	41
211	Double inhibition of cAMP and mTOR signalling may potentiate the reduction of cell growth in ADPKD cells. <i>Clinical and Experimental Nephrology</i> , <b>2017</b> , 21, 203-211	2.5	12

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