Orian S Shirihai

List of Publications by Year
in descending order

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143 papers	26,643 citations	18465 62 h-index	10441 139 g-index
154 all docs	154 docs citations	154 times ranked	42057 citing authors

#	Article	IF	Citations
1	ATP-consuming futile cycles as energy dissipating mechanisms to counteract obesity. Reviews in Endocrine and Metabolic Disorders, 2022, 23, 121-131.	2.6	33
2	Deletion of ABCB10 in beta-cells protects from high-fat diet induced insulin resistance. Molecular Metabolism, 2022, 55, 101403.	3.0	0
3	Mitochondrial oxidative function in NAFLD: Friend or foe?. Molecular Metabolism, 2021, 50, 101134.	3.0	53
4	Forces, Fluxes, and Fuels: Tracking mitochondrial metabolism by integrating measurements of membrane potential, respiration, and metabolites. American Journal of Physiology - Cell Physiology, 2021, 320, C80-C91.	2.1	10
5	IRGM1 links mitochondrial quality control to autoimmunity. Nature Immunology, 2021, 22, 312-321.	7.0	67
6	The ApoA-I mimetic peptide 4F attenuates in vitro replication of SARS-CoV-2, associated apoptosis, oxidative stress and inflammation in epithelial cells. Virulence, 2021, 12, 2214-2227.	1.8	9
7	Isolation and functional analysis of peridroplet mitochondria from murine brown adipose tissue. STAR Protocols, 2021, 2, 100243.	0.5	11
8	Abstract 2818: In vivo imaging of mitochondrial bioenergetics in lung cancer. , 2021, , .		0
9	Patient-specific iPSCs carrying an SFTPC mutation reveal the intrinsic alveolar epithelial dysfunction at the inception of interstitial lung disease. Cell Reports, 2021, 36, 109636.	2.9	48
10	Mitochondrial Heterogeneity in Metabolic Diseases. Biology, 2021, 10, 927.	1.3	14
11	Utilization of Human Samples for Assessment of Mitochondrial Bioenergetics: Gold Standards, Limitations, and Future Perspectives. Life, 2021, 11, 949.	1.1	13
12	Recruitment and remodeling of peridroplet mitochondria in human adipose tissue. Redox Biology, 2021, 46, 102087.	3.9	17
13	High-Throughput Image Analysis of Lipid-Droplet-Bound Mitochondria. Methods in Molecular Biology, 2021, 2276, 285-303.	0.4	2
14	DLST-dependence dictates metabolic heterogeneity in TCA-cycle usage among triple-negative breast cancer. Communications Biology, 2021, 4, 1289.	2.0	30
15	Emerging roles of Î²-cell mitochondria in type-2-diabetes. Molecular Aspects of Medicine, 2020, 71, 100843.	2.7	39
16	Mitochondrial Proton Leak Regulated by Cyclophilin D Elevates Insulin Secretion in Islets at Nonstimulatory Glucose Levels. Diabetes, 2020, 69, 131-145.	0.3	26
17	A new target for an old DUB: UCH-L1 regulates mitofusin-2 levels, altering mitochondrial morphology, function and calcium uptake. Redox Biology, 2020, 37, 101676.	3.9	17
18	Erythroid Differentiation and Heme Biosynthesis Are Dependent on a Shift in the Balance of Mitochondrial Fusion and Fission Dynamics. Frontiers in Cell and Developmental Biology, 2020, 8, 592035.	1.8	16

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19	Estrogen receptor Î± controls metabolism in white and brown adipocytes by regulating Polg1 and mitochondrial remodeling. Science Translational Medicine, 2020, 12, .	5.8	64
20	Ellagic Acid and Its Microbial Metabolite Urolithin A Alleviate Dietâ€Induced Insulin Resistance in Mice. Molecular Nutrition and Food Research, 2020, 64, e2000091.	1.5	23
21	Fgr kinase is required for proinflammatory macrophage activation during diet-induced obesity. Nature Metabolism, 2020, 2, 974-988.	5.1	40
22	Measuring Mitochondrial Respiration in Previously Frozen Biological Samples. Current Protocols in Cell Biology, 2020, 89, e116.	2.3	26
23	Method for live-cell super-resolution imaging of mitochondrial cristae and quantification of submitochondrial membrane potentials. Methods in Cell Biology, 2020, 155, 545-555.	0.5	7
24	COQ11 deletion mitigates respiratory deficiency caused by mutations in the gene encoding the coenzyme Q chaperone protein Coq10. Journal of Biological Chemistry, 2020, 295, 6023-6042.	1.6	11
25	Reply to: In vivo quantification of mitochondrial membrane potential. Nature, 2020, 583, E19-E20.	13.7	2
26	NCLX prevents cell death during adrenergic activation of the brown adipose tissue. Nature Communications, 2020, 11, 3347.	5.8	31
27	Cristae undergo continuous cycles of membrane remodelling in a <scp>MICOS</scp> â€dependent manner. EMBO Reports, 2020, 21, e49776.	2.0	106
28	The biology of lipid droplet-bound mitochondria. Seminars in Cell and Developmental Biology, 2020, 108, 55-64.	2.3	38
29	MitoTimer-based high-content screen identifies two chemically-related benzothiophene derivatives that enhance basal mitophagy. Biochemical Journal, 2020, 477, 461-475.	1.7	11
30	A novel approach to measure mitochondrial respiration in frozen biological samples. EMBO Journal, 2020, 39, e104073.	3.5	110
31	Blocking mitochondrial pyruvate import in brown adipocytes induces energy wasting via lipid cycling. EMBO Reports, 2020, 21, e49634.	2.0	31
32	Quantification of cristae architecture reveals time-dependent characteristics of individual mitochondria. Life Science Alliance, 2020, 3, e201900620.	1.3	29
33	Modulating lysosomal pH: a molecular and nanoscale materials design perspective. Journal of Life Sciences (Westlake Village, Calif), 2020, 2, 25-37.	1.8	17
34	Individual cristae within the same mitochondrion display different membrane potentials and are functionally independent. EMBO Journal, 2019, 38, e101056.	3.5	204
35	Mitochondrial morphology regulates organellar Ca²⁺ uptake and changes cellular Ca²⁺ homeostasis. FASEB Journal, 2019, 33, 13176-13188.	0.2	90
36	Degradable Nanoparticles Restore Lysosomal pH and Autophagic Flux in Lipotoxic Pancreatic Beta Cells. Advanced Healthcare Materials, 2019, 8, e1801511.	3.9	23

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37	IAPP toxicity activates HIF1Î±/PFKFB3 signaling delaying Î²-cell loss at the expense of Î²-cell function. Nature Communications, 2019, 10, 2679.	5.8	55
38	Mitochondria Bound to Lipid Droplets: Where Mitochondrial Dynamics Regulate Lipid Storage and Utilization. Cell Metabolism, 2019, 29, 827-835.	7.2	179
39	A Thermogenic-Like Brown Adipose Tissue Phenotype Is Dispensable for Enhanced Glucose Tolerance in Female Mice. Diabetes, 2019, 68, 1717-1729.	0.3	12
40	To Fis or not to Fuse? This is the question!. EMBO Journal, 2019, 38, .	3.5	12
41	The OXPHOS supercomplex assembly factor HIG2A responds to changes in energetic metabolism and cell cycle. Journal of Cellular Physiology, 2019, 234, 17405-17419.	2.0	18
42	In vivo imaging of mitochondrial membrane potential in non-small-cell lung cancer. Nature, 2019, 575, 380-384.	13.7	143
43	Nanoparticleâ€mediated lysosomal reacidification restores mitochondrial turnover and function in Î² cells under lipotoxicity. FASEB Journal, 2019, 33, 4154-4165.	0.2	29
44	The impact of exercise on mitochondrial dynamics and the role of Drp1 in exercise performance and training adaptations in skeletal muscle. Molecular Metabolism, 2019, 21, 51-67.	3.0	83
45	A thermogenicâ€like brown adipose tissue phenotype is dispensable for enhanced glucose tolerance in female mice. FASEB Journal, 2019, 33, lb564.	0.2	0
46	Mitochondria Bound to Lipid Droplets Have Unique Bioenergetics, Composition, and Dynamics that Support Lipid Droplet Expansion. Cell Metabolism, 2018, 27, 869-885.e6.	7.2	359
47	Mitochondrial DNA and TLR9 drive muscle inflammation upon Opa1 deficiency. EMBO Journal, 2018, 37, .	3.5	139
48	Cell culture models of fatty acid overload: Problems and solutions. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 143-151.	1.2	87
49	Individual islet respirometry reveals functional diversity within the islet population of mice and human donors. Molecular Metabolism, 2018, 16, 150-159.	3.0	32
50	Mitochondrial adaptation in obesity is a ClpPicated business. EMBO Reports, 2018, 19, .	2.0	0
51	A precision therapeutic strategy for hexokinase 1-null, hexokinase 2-positive cancers. Cancer & Metabolism, 2018, 6, 7.	2.4	25
52	Initial B Cell Activation Induces Metabolic Reprogramming and Mitochondrial Remodeling. IScience, 2018, 5, 99-109.	1.9	205
53	Modulation of <scp>mTOR</scp> signaling as a strategy for the treatment of Pompe disease. EMBO Molecular Medicine, 2017, 9, 353-370.	3.3	83
54	Pseudotemporal Ordering of Single Cells Reveals Metabolic Control of Postnatal Î² Cell Proliferation. Cell Metabolism, 2017, 25, 1160-1175.e11.	7.2	128

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55	Mfn2 deletion in brown adipose tissue protects from insulin resistance and impairs thermogenesis. EMBO Reports, 2017, 18, 1123-1138.	2.0	89
56	Optogenetic control of mitochondrial metabolism and Ca ²⁺ signaling by mitochondria-targeted opsins. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5167-E5176.	3.3	52
57	Cell cycleâ€“related metabolism and mitochondrial dynamics in a replication-competent pancreatic beta-cell line. Cell Cycle, 2017, 16, 2086-2099.	1.3	27
58	Diluted serum from calorieâ€restricted animals promotes mitochondrial Î²â€cell adaptations and protect against glucolipotoxicity. FEBS Journal, 2016, 283, 822-833.	2.2	25
59	Lysosome acidification by photoactivated nanoparticles restores autophagy under lipotoxicity. Journal of Cell Biology, 2016, 214, 25-34.	2.3	59
60	Proteinuria causes dysfunctional autophagy in the proximal tubule. American Journal of Physiology - Renal Physiology, 2016, 311, F1271-F1279.	1.3	35
61	Cellular Star Trek: A laser-based shuttle transfers mitochondria into cells. Molecular Metabolism, 2016, 5, 805-806.	3.0	0
62	LKB1 loss links serine metabolism to DNA methylation and tumorigenesis. Nature, 2016, 539, 390-395.	13.7	248
63	Murine Mesenchymal Stem Cell Commitment to Differentiation Is Regulated by Mitochondrial Dynamics. Stem Cells, 2016, 34, 743-755.	1.4	164
64	Nanoparticle tumor localization, disruption of autophagosomal trafficking, and prolonged drug delivery improve survival in peritoneal mesothelioma. Biomaterials, 2016, 102, 175-186.	5.7	25
65	Mitochondrial Networking in T Cell Memory. Cell, 2016, 166, 9-10.	13.5	21
66	Mitochondrial Reactive Oxygen Species Mediate Cardiac Structural, Functional, and Mitochondrial Consequences of Dietâ€Induced Metabolic Heart Disease. Journal of the American Heart Association, 2016, 5, .	1.6	85
67	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
68	Restoration of autophagy in endothelial cells from patients with diabetes mellitus improves nitric oxide signaling. Atherosclerosis, 2016, 247, 207-217.	0.4	84
69	Autocrine effect of vascular endothelial growth factor-A is essential for mitochondrial function in brown adipocytes. Metabolism: Clinical and Experimental, 2016, 65, 26-35.	1.5	42
70	BET Bromodomain Proteins Brd2, Brd3 and Brd4 Selectively Regulate Metabolic Pathways in the Pancreatic Î²-Cell. PLoS ONE, 2016, 11, e0151329.	1.1	65
71	Mutations in LRRK2 potentiate age-related impairment of autophagic flux. Molecular Neurodegeneration, 2015, 10, 26.	4.4	54
72	ATP Binding and Hydrolysis Properties of ABCB10 and Their Regulation by Glutathione. PLoS ONE, 2015, 10, e0129772.	1.1	13

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73	Emergence of a Stage-Dependent Human Liver Disease Signature with Directed Differentiation of Alpha-1 Antitrypsin-Deficient iPS Cells. Stem Cell Reports, 2015, 4, 873-885.	2.3	77
74	Mitochondrial remodeling in mice with cardiomyocyte-specific lipid overload. Journal of Molecular and Cellular Cardiology, 2015, 79, 275-283.	0.9	52
75	How Mitochondrial Dynamism Orchestrates Mitophagy. Circulation Research, 2015, 116, 1835-1849.	2.0	247
76	A REDD1/TXNIP pro-oxidant complex regulates ATG4B activity to control stress-induced autophagy and sustain exercise capacity. Nature Communications, 2015, 6, 7014.	5.8	157
77	Integrated, Step-Wise, Mass-Isotopomeric Flux Analysis of the TCA Cycle. Cell Metabolism, 2015, 22, 936-947.	7.2	106
78	High fat, high sucrose diet causes cardiac mitochondrial dysfunction due in part to oxidative post-translational modification of mitochondrial complex II. Journal of Molecular and Cellular Cardiology, 2015, 78, 165-173.	0.9	68
79	Assessment of Brown Adipocyte Thermogenic Function by High-throughput Respirometry. Bio-protocol, 2015, 5, .	0.2	2
80	Hormone-induced mitochondrial fission is utilized by brown adipocytes as an amplification pathway for energy expenditure. EMBO Journal, 2014, 33, n/a-n/a.	3.5	185
81	Measurement of Mitochondrial Turnover and Life Cycle Using MitoTimer. Methods in Enzymology, 2014, 547, 21-38.	0.4	16
82	Lysosomal dysfunction and impaired autophagy underlie the pathogenesis of amyloidogenic light chainâ€mediated cardiotoxicity. EMBO Molecular Medicine, 2014, 6, 1493-1507.	3.3	106
83	Bactericidal Antibiotics Induce Mitochondrial Dysfunction and Oxidative Damage in Mammalian Cells. Science Translational Medicine, 2013, 5, 192ra85.	5.8	391
84	Mitochondrial Dynamics in the Regulation of Nutrient Utilization and Energy Expenditure. Cell Metabolism, 2013, 17, 491-506.	7.2	1,043
85	Mitochondrial morphology transitions and functions: implications for retrograde signaling?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R393-R406.	0.9	242
86	Optimal Dynamics for Quality Control in Spatially Distributed Mitochondrial Networks. PLoS Computational Biology, 2013, 9, e1003108.	1.5	54
87	ATP-Binding Cassette B10 Regulates Early Steps of Heme Synthesis. Circulation Research, 2013, 113, 279-287.	2.0	50
88	MitoTimer probe reveals the impact of autophagy, fusion, and motility on subcellular distribution of young and old mitochondrial protein and on relative mitochondrial protein age. Autophagy, 2013, 9, 1887-1896.	4.3	100
89	Mitochondrial fusion, fission and autophagy: Impact of diet on mitochondrial quality control. FASEB Journal, 2013, 27, .	0.2	1
90	Mitochondrial dynamics regulate brown adiopcyte energy expenditure. FASEB Journal, 2013, 27, 582.4.	0.2	0

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91	Defective Mitochondrial Morphology and Bioenergetic Function in Mice Lacking the Transcription Factor Yin Yang 1 in Skeletal Muscle. Molecular and Cellular Biology, 2012, 32, 3333-3346.	1.1	77
92	Mitochondria Distinguish Granule-Stored from de novo Synthesized Tumor Necrosis Factor Secretion in Human Mast Cells. International Archives of Allergy and Immunology, 2012, 159, 23-32.	0.9	33
93	Mitochondrial autophagy in cells with mtDNA mutations results from synergistic loss of transmembrane potential and mTORC1 inhibition. Human Molecular Genetics, 2012, 21, 978-990.	1.4	144
94	Association of Genetic Variation in the Mitochondrial Genome With Blood Pressure and Metabolic Traits. Hypertension, 2012, 60, 949-956.	1.3	38
95	Antitelomerase Therapy Provokes ALT and Mitochondrial Adaptive Mechanisms in Cancer. Cell, 2012, 148, 651-663.	13.5	240
96	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
97	Mitochondrial ABC transporters function: The role of ABCB10 (ABC-me) as a novel player in cellular handling of reactive oxygen species. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1945-1957.	1.9	68
98	Mitochondrial dynamics and morphology in beta-cells. Best Practice and Research in Clinical Endocrinology and Metabolism, 2012, 26, 725-738.	2.2	71
99	Metabolic master regulators: sharing information among multiple systems. Trends in Endocrinology and Metabolism, 2012, 23, 594-601.	3.1	34
100	A Faster, High Resolution, mtPA-GFP-based Mitochondrial Fusion Assay Acquiring Kinetic Data of Multiple Cells in Parallel Using Confocal Microscopy. Journal of Visualized Experiments, 2012, , e3991.	0.2	13
101	Reactive Oxygen Species Stimulate Insulin Secretion in Rat Pancreatic Islets: Studies Using Mono-Oleoyl-Glycerol. PLoS ONE, 2012, 7, e30200.	1.1	57
102	Role of Mitofusin 2 in the Renal Stress Response. PLoS ONE, 2012, 7, e31074.	1.1	53
103	A Novel High-Throughput Assay for Islet Respiration Reveals Uncoupling of Rodent and Human Islets. PLoS ONE, 2012, 7, e33023.	1.1	103
104	Testosterone Plus Low-Intensity Physical Training in Late Life Improves Functional Performance, Skeletal Muscle Mitochondrial Biogenesis, and Mitochondrial Quality Control in Male Mice. PLoS ONE, 2012, 7, e51180.	1.1	55
105	Pancreatic cancers require autophagy for tumor growth. Genes and Development, 2011, 25, 717-729.	2.7	1,224
106	Î²-Cell Uncoupling Protein 2 Regulates Reactive Oxygen Species Production, Which Influences Both Insulin and Glucagon Secretion. Diabetes, 2011, 60, 2710-2719.	0.3	115
107	The Interplay Between Mitochondrial Dynamics and Mitophagy. Antioxidants and Redox Signaling, 2011, 14, 1939-1951.	2.5	632
108	Altered Mitochondrial Dynamics Contributes to Endothelial Dysfunction in Diabetes Mellitus. Circulation, 2011, 124, 444-453.	1.6	437

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109	Telomere dysfunction induces metabolic and mitochondrial compromise. Nature, 2011, 470, 359-365.	13.7	1,093
110	Fatty Acids Suppress Autophagic Turnover in Î²-Cells. Journal of Biological Chemistry, 2011, 286, 42534-42544.	1.6	170
111	The dynamin-related GTPase Opa1 is required for glucose-stimulated ATP production in pancreatic beta cells. Molecular Biology of the Cell, 2011, 22, 2235-2245.	0.9	142
112	Mitochondrial Transporter ATP Binding Cassette Mitochondrial Erythroid Is a Novel Gene Required for Cardiac Recovery After Ischemia/Reperfusion. Circulation, 2011, 124, 806-813.	1.6	61
113	Respiration in Adipocytes is Inhibited by Reactive Oxygen Species. Obesity, 2010, 18, 1493-1502.	1.5	72
114	The Lkb1 metabolic sensor maintains haematopoietic stem cell survival. Nature, 2010, 468, 659-663.	13.7	346
115	Biophysical properties of mitochondrial fusion events in pancreatic Î²-cells and cardiac cells unravel potential control mechanisms of its selectivity. American Journal of Physiology - Cell Physiology, 2010, 299, C477-C487.	2.1	75
116	The Histone Deacetylase Sirt6 Regulates Glucose Homeostasis via Hif1Î±. Cell, 2010, 140, 280-293.	13.5	880
117	Organellar vs cellular control of mitochondrial dynamics. Seminars in Cell and Developmental Biology, 2010, 21, 575-581.	2.3	70
118	Chapter 16 Monitoring Mitochondrial Dynamics with Photoactivateable Green Fluorescent Protein. Methods in Enzymology, 2009, 457, 289-304.	0.4	30
119	Abcb10 physically interacts with mitoferrin-1 (Slc25a37) to enhance its stability and function in the erythroid mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16263-16268.	3.3	194
120	Mitochondrial Networking Protects Î²-Cells From Nutrient-Induced Apoptosis. Diabetes, 2009, 58, 2303-2315.	0.3	339
121	Mitochondrial Uncoupling Protein 2 Inhibits Mast Cell Activation and Reduces Histamine Content. Journal of Immunology, 2009, 183, 6313-6319.	0.4	50
122	Mitochondrial â€˜kiss-and-runâ€™: interplay between mitochondrial motility and fusionâ€“fission dynamics. EMBO Journal, 2009, 28, 3074-3089.	3.5	300
123	The CB1 Antagonist Rimonabant Decreases Insulin Hypersecretion in Rat Pancreatic Islets. Obesity, 2009, 17, 1856-1860.	1.5	44
124	What can mitochondrial heterogeneity tell us about mitochondrial dynamics and autophagy?. International Journal of Biochemistry and Cell Biology, 2009, 41, 1914-1927.	1.2	99
125	Frequency and Selectivity of Mitochondrial Fusion Are Key to Its Quality Maintenance Function. Biophysical Journal, 2009, 96, 3509-3518.	0.2	136
126	Insulin Signaling Regulates Mitochondrial Function in Pancreatic Î²-Cells. PLoS ONE, 2009, 4, e7983.	1.1	57

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127	Dual role of proapoptotic BAD in insulin secretion and beta cell survival. Nature Medicine, 2008, 14, 144-153.	15.2	285
128	Fission and selective fusion govern mitochondrial segregation and elimination by autophagy. EMBO Journal, 2008, 27, 433-446.	3.5	2,587
129	Mitochondrial fusion, fission and autophagy as a quality control axis: The bioenergetic view. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 1092-1097.	0.5	556
130	UCP2 Modulates Cell Proliferation through the MAPK/ERK Pathway during Erythropoiesis and Has No Effect on Heme Biosynthesis*. Journal of Biological Chemistry, 2008, 283, 30461-30470.	1.6	29
131	Abcb10 Physically Interacts with Mitoferrin1 to Enhance Its Stability for Heme Synthesis in the Erythroid Mitochondria. Blood, 2008, 112, 530-530.	0.6	0
132	Direct interorganellar transfer of iron from endosome to mitochondrion. Blood, 2007, 110, 125-132.	0.6	231
133	Ca2+, NAD(P)H and membrane potential changes in pancreatic Î²-cells by methyl succinate: comparison with glucose. Biochemical Journal, 2007, 403, 197-205.	1.7	40
134	Î²-Cell Mitochondria Exhibit Membrane Potential Heterogeneity That Can Be Altered by Stimulatory or Toxic Fuel Levels. Diabetes, 2007, 56, 2569-2578.	0.3	104
135	PA-GFP: A Window into the Subcellular Adventures of the Individual Mitochondrion. Novartis Foundation Symposium, 2007, 287, 21-46.	1.2	5
136	A novel miniature cell retainer for correlative high-content analysis of individual untethered non-adherent cells. Lab on A Chip, 2006, 6, 995.	3.1	101
137	Glucose-dependent increase in mitochondrial membrane potential, but not cytoplasmic calcium, correlates with insulin secretion in single islet cells. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E143-E148.	1.8	75
138	Tagging and tracking individual networks within a complex mitochondrial web with photoactivatable GFP. American Journal of Physiology - Cell Physiology, 2006, 291, C176-C184.	2.1	112
139	Synergistic amplification of Î²-amyloid- and interferon-Î³-induced microglial neurotoxic response by the senile plaque component chromogranin A. American Journal of Physiology - Cell Physiology, 2005, 288, C169-C175.	2.1	13
140	Targeting, Import, and Dimerization of a Mammalian Mitochondrial ATP Binding Cassette (ABC) Transporter, ABCB10 (ABC-me). Journal of Biological Chemistry, 2004, 279, 42954-42963.	1.6	60
141	SUMO-1 Protease-1 Regulates Gene Transcription through PML. Molecular Cell, 2002, 10, 843-855.	4.5	148
142	Real-Time Detection of Reactive Oxygen Intermediates From Single Microglial Cells. Biological Bulletin, 2001, 201, 261-262.	0.7	16
143	K+ channel antisense oligodeoxynucleotides inhibit cytokine-induced expansion of human hemopoietic progenitors. Pflugers Archiv European Journal of Physiology, 1996, 431, 632-638.	1.3	21