

Roland Malli

List of Publications by Year in descending order

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127
papers

10,747
citations

57719

44
h-index

32815

100
g-index

139
all docs

139
docs citations

139
times ranked

20885
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Heterozygous missense mutations in BSCL2 are associated with distal hereditary motor neuropathy and Silver syndrome. <i>Nature Genetics</i> , 2004, 36, 271-276.	9.4	349
3	Kisspeptin-10, a KiSS-1/metastin-derived decapeptide, is a physiological invasion inhibitor of primary human trophoblasts. <i>Journal of Cell Science</i> , 2004, 117, 1319-1328.	1.2	314
4	Uncoupling proteins 2 and 3 are fundamental for mitochondrial Ca ²⁺ uniport. <i>Nature Cell Biology</i> , 2007, 9, 445-452.	4.6	307
5	Mutation in NSUN2, which Encodes an RNA Methyltransferase, Causes Autosomal-Recessive Intellectual Disability. <i>American Journal of Human Genetics</i> , 2012, 90, 856-863.	2.6	189
6	Oxidized phospholipids stimulate tissue factor expression in human endothelial cells via activation of ERK/EGR-1 and Ca ⁺⁺ /NFAT. <i>Blood</i> , 2002, 99, 199-206.	0.6	185
7	Sustained Ca ²⁺ Transfer across Mitochondria Is Essential for Mitochondrial Ca ²⁺ Buffering, Store-operated Ca ²⁺ Entry, and Ca ²⁺ Store Refilling. <i>Journal of Biological Chemistry</i> , 2003, 278, 44769-44779.	1.6	170
8	Integrin clustering enables anandamide-induced Ca ²⁺ signaling in endothelial cells via GPR55 by protection against CB1-receptor-triggered repression. <i>Journal of Cell Science</i> , 2008, 121, 1704-1717.	1.2	160
9	The C-terminal Region of Human Adipose Triglyceride Lipase Affects Enzyme Activity and Lipid Droplet Binding. <i>Journal of Biological Chemistry</i> , 2008, 283, 17211-17220.	1.6	133
10	Novel genetically encoded fluorescent probes enable real-time detection of potassium in vitro and in vivo. <i>Nature Communications</i> , 2017, 8, 1422.	5.8	130
11	Mitochondria and Ca ²⁺ signaling: old guests, new functions. <i>Pflügers Archiv European Journal of Physiology</i> , 2007, 455, 375-396.	1.3	127
12	Mitochondrial Ca ²⁺ Uptake 1 (MICU1) and Mitochondrial Ca ²⁺ Uniporter (MCU) Contribute to Metabolism-Secretion Coupling in Clonal Pancreatic β -Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 34445-34454.	1.6	120
13	Inhibition of Autophagy Rescues Palmitic Acid-induced Necroptosis of Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 21110-21120.	1.6	118
14	Agonist-mediated switching of ion selectivity in TPC2 differentially promotes lysosomal function. <i>ELife</i> , 2020, 9, .	2.8	108
15	Anandamide initiates Ca ²⁺ signaling via CB2 receptor linked to phospholipase C in calf pulmonary endothelial cells. <i>British Journal of Pharmacology</i> , 2003, 140, 1351-1362.	2.7	104
16	pH-Lemon, a Fluorescent Protein-Based pH Reporter for Acidic Compartments. <i>ACS Sensors</i> , 2019, 4, 883-891.	4.0	99
17	Endothelial mitochondria "less respiration, more integration. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 464, 63-76.	1.3	96
18	Sequential Synthesis and Methylation of Phosphatidylethanolamine Promote Lipid Droplet Biosynthesis and Stability in Tissue Culture and in Vivo. <i>Journal of Biological Chemistry</i> , 2011, 286, 17338-17350.	1.6	91

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19	Real-Time Imaging of Mitochondrial ATP Dynamics Reveals the Metabolic Setting of Single Cells. <i>Cell Reports</i> , 2018, 25, 501-512.e3.	2.9	91
20	MICU1 controls cristae junction and spatially anchors mitochondrial Ca ²⁺ uniporter complex. <i>Nature Communications</i> , 2019, 10, 3732.	5.8	90
21	Leucine Zipper EF Hand-containing Transmembrane Protein 1 (Letm1) and Uncoupling Proteins 2 and 3 (UCP2/3) Contribute to Two Distinct Mitochondrial Ca ²⁺ Uptake Pathways. <i>Journal of Biological Chemistry</i> , 2011, 286, 28444-28455.	1.6	86
22	Mitochondria Efficiently Buffer Subplasmalemmal Ca ²⁺ Elevation during Agonist Stimulation. <i>Journal of Biological Chemistry</i> , 2003, 278, 10807-10815.	1.6	84
23	Development of novel FP-based probes for live-cell imaging of nitric oxide dynamics. <i>Nature Communications</i> , 2016, 7, 10623.	5.8	84
24	Resveratrol Specifically Kills Cancer Cells by a Devastating Increase in the Ca ²⁺ Coupling Between the Greatly Tethered Endoplasmic Reticulum and Mitochondria. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 1404-1420.	1.1	84
25	Mitochondrial Ca ²⁺ uptake and not mitochondrial motility is required for STIM1-Orai1-dependent store-operated Ca ²⁺ entry. <i>Journal of Cell Science</i> , 2010, 123, 2553-2564.	1.2	76
26	Live-Cell Imaging of Physiologically Relevant Metal Ions Using Genetically Encoded FRET-Based Probes. <i>Cells</i> , 2019, 8, 492.	1.8	71
27	Triacylglycerol Accumulation Activates the Mitochondrial Apoptosis Pathway in Macrophages. <i>Journal of Biological Chemistry</i> , 2011, 286, 7418-7428.	1.6	66
28	Lysophosphatidic acid receptor activation affects the C13N microglia cell line proteome leading to alterations in glycolysis, motility, and cytoskeletal architecture. <i>Proteomics</i> , 2010, 10, 141-158.	1.3	65
29	Adaptations of Energy Metabolism Associated with Increased Levels of Mitochondrial Cholesterol in Niemann-Pick Type C1-deficient Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 16278-16289.	1.6	65
30	ATP increases within the lumen of the endoplasmic reticulum upon intracellular Ca ²⁺ release. <i>Molecular Biology of the Cell</i> , 2014, 25, 368-379.	0.9	65
31	Cytosolic Ca ²⁺ prevents the subplasmalemmal clustering of STIM1: an intrinsic mechanism to avoid Ca ²⁺ overload. <i>Journal of Cell Science</i> , 2008, 121, 3133-3139.	1.2	62
32	The contribution of UCP2 and UCP3 to mitochondrial Ca ²⁺ uptake is differentially determined by the source of supplied Ca ²⁺ . <i>Cell Calcium</i> , 2010, 47, 433-440.	1.1	59
33	GPR55-dependent and -independent ion signalling in response to lysophosphatidylinositol in endothelial cells. <i>British Journal of Pharmacology</i> , 2010, 161, 308-320.	2.7	59
34	PRMT1-mediated methylation of MICU1 determines the UCP2/3 dependency of mitochondrial Ca ²⁺ uptake in immortalized cells. <i>Nature Communications</i> , 2016, 7, 12897.	5.8	59
35	Mitochondrial Ca ²⁺ , the secret behind the function of uncoupling proteins 2 and 3?. <i>Cell Calcium</i> , 2008, 44, 36-50.	1.1	58
36	Calcium Signaling in ÅŸ-cell Physiology and Pathology: A Revisit. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6110.	1.8	56

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37	UCP2/3 likely to be fundamental for mitochondrial Ca ²⁺ uniport. <i>Nature Cell Biology</i> , 2008, 10, 1237-1240.	4.6	53
38	Vesicular Calcium Regulates Coat Retention, Fusogenicity, and Size of Pre-Golgi Intermediates. <i>Molecular Biology of the Cell</i> , 2010, 21, 1033-1046.	0.9	52
39	Hyperglycemic Conditions Affect Shape and Ca ²⁺ Homeostasis of Mitochondria in Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, 423-436.	0.8	51
40	Mg ²⁺ Deprivation Elicits Rapid Ca ²⁺ Uptake and Activates Ca ²⁺ /Calcineurin Signaling in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2007, 6, 592-599.	3.4	51
41	Mitochondria supply ATP to the ER through a mechanism antagonized by cytosolic Ca ²⁺ . <i>ELife</i> , 2019, 8, .	2.8	51
42	Inositol-1,4,5-trisphosphate (IP3)-mediated STIM1 oligomerization requires intact mitochondrial Ca ²⁺ uptake. <i>Journal of Cell Science</i> , 2014, 127, 2944-55.	1.2	50
43	Enhanced inter-compartmental Ca ²⁺ flux modulates mitochondrial metabolism and apoptotic threshold during aging. <i>Redox Biology</i> , 2019, 20, 458-466.	3.9	50
44	Studying mitochondrial Ca ²⁺ uptake – A revisit. <i>Molecular and Cellular Endocrinology</i> , 2012, 353, 114-127.	1.6	48
45	Acyl chain-dependent effect of lysophosphatidylcholine on endothelial prostacyclin production. <i>Journal of Lipid Research</i> , 2010, 51, 2957-2966.	2.0	47
46	Rearrangement of MICU1 multimers for activation of MCU is solely controlled by cytosolic Ca ²⁺ . <i>Scientific Reports</i> , 2015, 5, 15602.	1.6	45
47	TRPV1 mediates cellular uptake of anandamide and thus promotes endothelial cell proliferation and network-formation. <i>Biology Open</i> , 2014, 3, 1164-1172.	0.6	43
48	Twenty Years of Calcium Imaging: Cell Physiology to Dye For. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2005, 5, 112-127.	3.4	42
49	Spatiotemporal Correlations between Cytosolic and Mitochondrial Ca ²⁺ Signals Using a Novel Red-Shifted Mitochondrial Targeted Cameleon. <i>PLoS ONE</i> , 2012, 7, e45917.	1.1	41
50	Live cell imaging of signaling and metabolic activities. , 2019, 202, 98-119.		41
51	Targeting Mitochondria to Counteract Age-Related Cellular Dysfunction. <i>Genes</i> , 2018, 9, 165.	1.0	40
52	Mitochondrial Ca ²⁺ channels: Great unknowns with important functions. <i>FEBS Letters</i> , 2010, 584, 1942-1947.	1.3	38
53	The enigmatic ATP supply of the endoplasmic reticulum. <i>Biological Reviews</i> , 2019, 94, 610-628.	4.7	38
54	Subplasmalemmal endoplasmic reticulum controls KCa channel activity upon stimulation with a moderate histamine concentration in a human umbilical vein endothelial cell line. <i>Journal of Physiology</i> , 2002, 540, 73-84.	1.3	37

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55	Characterization of distinct single-channel properties of Ca ²⁺ inward currents in mitochondria. Pflugers Archiv European Journal of Physiology, 2013, 465, 997-1010.	1.3	37
56	Genetic biosensors for imaging nitric oxide in single cells. Free Radical Biology and Medicine, 2018, 128, 50-58.	1.3	36
57	Nitric oxide inhibits capacitative Ca ²⁺ entry by suppression of mitochondrial Ca ²⁺ handling. British Journal of Pharmacology, 2002, 137, 821-830.	2.7	35
58	Acyl chain-dependent effect of lysophosphatidylcholine on cyclooxygenase (COX)-2 expression in endothelial cells. Atherosclerosis, 2012, 224, 348-354.	0.4	35
59	Docosahexaenoic acid-induced unfolded protein response, cell cycle arrest, and apoptosis in vascular smooth muscle cells are triggered by Ca ²⁺ -dependent induction of oxidative stress. Free Radical Biology and Medicine, 2012, 52, 1786-1795.	1.3	35
60	Fasting improves therapeutic response in hepatocellular carcinoma through p53-dependent metabolic synergism. Science Advances, 2022, 8, eabh2635.	4.7	35
61	Molecularly Distinct Routes of Mitochondrial Ca ²⁺ Uptake Are Activated Depending on the Activity of the Sarco/Endoplasmic Reticulum Ca ²⁺ ATPase (SERCA). Journal of Biological Chemistry, 2013, 288, 15367-15379.	1.6	34
62	The GPR55 agonist lysophosphatidylinositol directly activates intermediate-conductance Ca ²⁺ -activated K ⁺ channels. Pflugers Archiv European Journal of Physiology, 2011, 462, 245-255.	1.3	33
63	The ER chaperone calnexin controls mitochondrial positioning and respiration. Science Signaling, 2020, 13, .	1.6	32
64	Formation of Nitric Oxide by Aldehyde Dehydrogenase-2 Is Necessary and Sufficient for Vascular Bioactivation of Nitroglycerin. Journal of Biological Chemistry, 2016, 291, 24076-24084.	1.6	31
65	Uncoupling protein 3 adjusts mitochondrial Ca ²⁺ uptake to high and low Ca ²⁺ signals. Cell Calcium, 2010, 48, 288-301.	1.1	30
66	Mitochondrial Ca ²⁺ uniporter (MCU)-dependent and MCU-independent Ca ²⁺ channels coexist in the inner mitochondrial membrane. Pflugers Archiv European Journal of Physiology, 2014, 466, 1411-1420.	1.3	29
67	UCP2 modulates single-channel properties of a MCU-dependent Ca ²⁺ inward current in mitochondria. Pflugers Archiv European Journal of Physiology, 2015, 467, 2509-2518.	1.3	28
68	Intact mitochondrial Ca ²⁺ uniport is essential for agonist-induced activation of endothelial nitric oxide synthase (eNOS). Free Radical Biology and Medicine, 2017, 102, 248-259.	1.3	28
69	2-Chlorohexadecanoic acid induces ER stress and mitochondrial dysfunction in brain microvascular endothelial cells. Redox Biology, 2018, 15, 441-451.	3.9	28
70	A New Type of Non-Ca ²⁺ -buffering Apo(a)-based Fluorescent Indicator for Intraluminal Ca ²⁺ in the Endoplasmic Reticulum. Journal of Biological Chemistry, 2006, 281, 5017-5025.	1.6	27
71	Generation of Red-Shifted Cameleons for Imaging Ca ²⁺ Dynamics of the Endoplasmic Reticulum. Sensors, 2015, 15, 13052-13068.	2.1	26
72	N- α -arachidonoyl glycine suppresses Na ⁺ / Ca ²⁺ exchanger-mediated Ca ²⁺ entry into endothelial cells and activates BK Ca channels ind. British Journal of Pharmacology, 2013, 169, 933-948.	2.7	25

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73	Glycogen Synthase Kinase 3 Beta Controls Presenilin-1-Mediated Endoplasmic Reticulum Ca ²⁺ Leak Directed to Mitochondria in Pancreatic Islets and beta-Cells. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 57-75.	1.1	25
74	Intracellular Ca ²⁺ release decelerates mitochondrial cristae dynamics within the junctions to the endoplasmic reticulum. <i>Pflügers Archiv European Journal of Physiology</i> , 2018, 470, 1193-1203.	1.3	24
75	Mitochondrial protein phosphorylation: instigator or target of lipotoxicity?. <i>Trends in Endocrinology and Metabolism</i> , 2009, 20, 186-193.	3.1	23
76	The endocannabinoid N-arachidonoyl glycine (NAGly) inhibits store-operated Ca ²⁺ entry by abrogating STIM1/Orai1 interaction. <i>Journal of Cell Science</i> , 2013, 126, 879-88.	1.2	23
77	Tracking intra- and inter-organelle signaling of mitochondria. <i>FEBS Journal</i> , 2019, 286, 4378-4401.	2.2	23
78	Real-time visualization of distinct nitric oxide generation of nitric oxide synthase isoforms in single cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 70, 59-67.	1.2	22
79	Functional Analysis Of Histamine Receptor Subtypes Involved In Endothelium-Mediated Relaxation Of The Human Uterine Artery. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002, 29, 711-716.	0.9	20
80	Visualization of Sirtuin 4 Distribution between Mitochondria and the Nucleus, Based on Bimolecular Fluorescence Self-Complementation. <i>Cells</i> , 2019, 8, 1583.	1.8	20
81	UCP2 and PRMT1 are key prognostic markers for lung carcinoma patients. <i>Oncotarget</i> , 2017, 8, 80278-80285.	0.8	20
82	Mitochondria maintain maturation and secretion of lipoprotein lipase in the endoplasmic reticulum. <i>Biochemical Journal</i> , 2006, 396, 173-182.	1.7	19
83	The vascular barrier-protecting hawthorn extract WSÂ® 1442 raises endothelial calcium levels by inhibition of SERCA and activation of the IP3 pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 567-577.	0.9	18
84	Dynamic Control of Mitochondrial Ca ²⁺ Levels as a Survival Strategy of Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 614668.	1.8	18
85	Na ⁺ /Ca ²⁺ exchangers and Orai channels jointly refill endoplasmic reticulum (ER) Ca ²⁺ via ER nanojunctions in vascular endothelial cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2017, 469, 1287-1299.	1.3	17
86	IRE1± modulates ER and mitochondria crosstalk. <i>Nature Cell Biology</i> , 2019, 21, 667-668.	4.6	17
87	Oleoyl-Lysophosphatidylcholine Limits Endothelial Nitric Oxide Bioavailability by Induction of Reactive Oxygen Species. <i>PLoS ONE</i> , 2014, 9, e113443.	1.1	16
88	Application of Genetically Encoded Fluorescent Nitric Oxide (NO•) Probes, the geNOps, for Real-time Imaging of NO• Signals in Single Cells. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	16
89	The Role of Mitochondria in the Activation/Maintenance of SOCE: The Contribution of Mitochondrial Ca ²⁺ Uptake, Mitochondrial Motility, and Location to Store-Operated Ca ²⁺ Entry. <i>Advances in Experimental Medicine and Biology</i> , 2017, 993, 297-319.	0.8	16
90	Slack K ⁺ channels attenuate NMDAâ€induced excitotoxic brain damage and neuronal cell death. <i>FASEB Journal</i> , 2021, 35, e21568.	0.2	16

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91	Sigma-1 Receptor Promotes Mitochondrial Bioenergetics by Orchestrating ER Ca ²⁺ Leak during Early ER Stress. <i>Metabolites</i> , 2021, 11, 422.	1.3	16
92	The contribution of uncoupling protein 2 to mitochondrial Ca ²⁺ homeostasis in health and disease – A short revisit. <i>Mitochondrion</i> , 2020, 55, 164-173.	1.6	15
93	Presenilin-1 Established ER-Ca ²⁺ Leak: a Follow Up on Its Importance for the Initial Insulin Secretion in Pancreatic Islets and β^2 -Cells Upon Elevated Glucose. <i>Cellular Physiology and Biochemistry</i> , 2019, 53, 573-586.	1.1	15
94	TRIC-A shapes oscillatory Ca ²⁺ signals by interaction with STIM1/Orai1 complexes. <i>PLoS Biology</i> , 2020, 18, e3000700.	2.6	12
95	Potassium ions promote hexokinase-II dependent glycolysis. <i>IScience</i> , 2021, 24, 102346.	1.9	12
96	Characterization of rat serum amyloid A4 (SAA4): A novel member of the SAA superfamily. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 1643-1649.	1.0	11
97	Development and Application of Sub-Mitochondrial Targeted Ca ²⁺ Biosensors. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 449.	1.8	11
98	ALG-2 and peflin regulate COPII targeting and secretion in response to calcium signaling. <i>Journal of Biological Chemistry</i> , 2021, 297, 101393.	1.6	11
99	MICU1 controls spatial membrane potential gradients and guides Ca ²⁺ fluxes within mitochondrial substructures. <i>Communications Biology</i> , 2022, 5, .	2.0	11
100	Immobilization of Recombinant Fluorescent Biosensors Permits Imaging of Extracellular Ion Signals. <i>ACS Sensors</i> , 2021, 6, 3994-4000.	4.0	10
101	ER-to-Golgi Transport in HeLa Cells Displays High Resilience to Ca ²⁺ and Energy Stresses. <i>Cells</i> , 2020, 9, 2311.	1.8	9
102	Real-Time Imaging of Nitric Oxide Signals in Individual Cells Using geNOps. <i>Methods in Molecular Biology</i> , 2018, 1747, 23-34.	0.4	8
103	Endothelial lipase increases eNOS activating capacity of high-density lipoprotein. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158612.	1.2	8
104	Novel High Energy Intermediate Analogues with Triazasterol-Related Structures as Inhibitors of Ergosterol Biosynthesis Part I: Synthesis and Antifungal Activity of N-alkyl-N-(phenethyl- and Tj ETQq0 0 0 rgBT /Overlock 10, Jf 50 222 T 535-546.	2.1	8
105	Sustained Formation of Nitroglycerin-Derived Nitric Oxide by Aldehyde Dehydrogenase-2 in Vascular Smooth Muscle without Added Reductants: Implications for the Development of Nitrate Tolerance. <i>Molecular Pharmacology</i> , 2018, 93, 335-343.	1.0	7
106	A Co-Culture-Based Multiparametric Imaging Technique to Dissect Local H ₂ O ₂ Signals with Targeted HyPer7. <i>Biosensors</i> , 2021, 11, 338.	2.3	7
107	Light Stimulation of Neurons on Organic Photocapacitors Induces Action Potentials with Millisecond Precision. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	7
108	Nitric oxide biosensor uncovers diminished ferrous iron-dependency of cultured cells adapted to physiological oxygen levels. <i>Redox Biology</i> , 2022, 53, 102319.	3.9	7

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109	Near-UV Light Induced ROS Production Initiates Spatial Ca ²⁺ Spiking to Fire NFATc3 Translocation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8189.	1.8	6
110	Citrin mediated metabolic rewiring in response to altered basal subcellular Ca ²⁺ homeostasis. <i>Communications Biology</i> , 2022, 5, 76.	2.0	6
111	Fatty acids as biomimetic replication agents for luminescent metal-organic framework patterns. <i>Chemical Communications</i> , 2020, 56, 12733-12736.	2.2	4
112	Assessment of Mitochondrial Ca ²⁺ Uptake. <i>Methods in Molecular Biology</i> , 2015, 1264, 421-439.	0.4	4
113	Investigating the K ⁺ sensitivity of cellular metabolism by extracellular flux analysis. <i>STAR Protocols</i> , 2021, 2, 100876.	0.5	4
114	Sigma-1 Receptor Modulation by Ligands Coordinates Cancer Cell Energy Metabolism. <i>Biomolecules</i> , 2022, 12, 762.	1.8	4
115	Mitochondrial Ca ²⁺ uptake 1 (MICU1) and mitochondrial Ca ²⁺ uniporter (MCU) contribute to metabolism-secretion coupling in clonal pancreatic Î²-cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 42453.	1.6	2
116	Filling a GAP—An Optimized Probe for ER Ca ²⁺ Imaging In Vivo. <i>Cell Chemical Biology</i> , 2016, 23, 641-643.	2.5	2
117	Unveiling the K ⁺ -sensitivity of cell metabolism using genetically encoded, FRET-based K ⁺ , glucose, and ATP biosensors. <i>STAR Protocols</i> , 2021, 2, 100843.	0.5	2
118	High-Resolution Imaging of STIM/Orai Subcellular Localization Using Array Confocal Laser Scanning Microscopy. <i>Methods in Molecular Biology</i> , 2018, 1843, 175-187.	0.4	1
119	Metabolic Profiling of Single Cancer Cells Using Mitochondrial ATP Probes. <i>STAR Protocols</i> , 2020, 1, 100048.	0.5	1
120	Novel High Energy Intermediate Analogues with Triazasterol-Related Structures as Inhibitors of Ergosterol Biosynthesis. Part 1. Synthesis and Antifungal Activity of N-Alkyl-N ² -(phenethyl- and Tj ETQq0 0 0 rgBt. <i>Overlook 10 Tf 50</i>		
121	The Role of Mitochondria in the Activation/Maintenance of SOCE. , 2012, , 211-229.		0
122	FP017IMPAIRED MITOCHONDRIALCALCIUM UPTAKE AND DAMAGED MITOCHONDRIAL STRUCTURE IN PODOCYTES EXPOSED TO HIGH-GLUCOSE. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i54-i54.	0.4	0
123	Pharmaco-Optogenetic Targeting of TRPC Activity Allows for Precise Control Over Mast Cell NFAT Signaling. <i>Frontiers in Immunology</i> , 2020, 11, 613194.	2.2	0
124	Assessment of Mitochondrial Ca ²⁺ Uptake. <i>Methods in Molecular Biology</i> , 2021, 2276, 173-191.	0.4	0
125	Hexokinase-II Enzymatic Activity Requires High Levels of Intracellular K ⁺ . <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
126	Yes (again) to local NO. <i>Nature Chemical Biology</i> , 2020, 16, 606-607.	3.9	0

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127	Salivary potassium measured by genetically encoded potassium ion indicators as a surrogate for plasma potassium levels in hemodialysis patients – a proof-of-concept study. Nephrology Dialysis Transplantation, 0, , .	0.4	0