

Francesco Moccia

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

5,233
citations

57758

44
h-index

118850

62
g-index

156
all docs

156
docs citations

156
times ranked

4683
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential clinical effects of different mutation subtypes in CALR-mutant myeloproliferative neoplasms. <i>Leukemia</i> , 2016, 30, 431-438.	7.2	216
2	Vascular Endothelial Growth Factor Stimulates Endothelial Colony Forming Cells Proliferation and Tubulogenesis by Inducing Oscillations in Intracellular Ca ²⁺ Concentration. <i>Stem Cells</i> , 2011, 29, 1898-1907.	3.2	140
3	Stim and Orai proteins in neuronal Ca ²⁺ signaling and excitability. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 153.	3.7	135
4	Store-Operated Ca ²⁺ Entry Is Remodelled and Controls In Vitro Angiogenesis in Endothelial Progenitor Cells Isolated from Tumoral Patients. <i>PLoS ONE</i> , 2012, 7, e42541.	2.5	121
5	COVID-19-associated cardiovascular morbidity in older adults: a position paper from the Italian Society of Cardiovascular Researches. <i>GeroScience</i> , 2020, 42, 1021-1049.	4.6	115
6	Store-Dependent Ca ²⁺ Entry in Endothelial Progenitor Cells As a Perspective Tool to Enhance Cell-Based Therapy and Adverse Tumour Vascularization. <i>Current Medicinal Chemistry</i> , 2012, 19, 5802-5818.	2.4	108
7	Update on vascular endothelial Ca ²⁺ signalling: A tale of ion channels, pumps and transporters. <i>World Journal of Biological Chemistry</i> , 2012, 3, 127.	4.3	105
8	Store-Operated Ca ²⁺ Entry Is Expressed in Human Endothelial Progenitor Cells. <i>Stem Cells and Development</i> , 2010, 19, 1967-1981.	2.1	104
9	Calcium and fertilization: the beginning of life. <i>Trends in Biochemical Sciences</i> , 2004, 29, 400-408.	7.5	99
10	Endothelial Ca ²⁺ Signaling, Angiogenesis and Vasculogenesis: just What It Takes to Make a Blood Vessel. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3962.	4.1	94
11	Hydrogen sulfide promotes calcium signals and migration in tumor-derived endothelial cells. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1765-1773.	2.9	83
12	A novel Ca ²⁺ -mediated cross-talk between endoplasmic reticulum and acidic organelles: Implications for NAADP-dependent Ca ²⁺ signalling. <i>Cell Calcium</i> , 2015, 57, 89-100.	2.4	78
13	Endothelial Transient Receptor Potential Channels and Vascular Remodeling: Extracellular Ca ²⁺ Entry for Angiogenesis, Arteriogenesis and Vasculogenesis. <i>Frontiers in Physiology</i> , 2019, 10, 1618.	2.8	75
14	Canonical Transient Receptor Potential 3 Channel Triggers Vascular Endothelial Growth Factor-Induced Intracellular Ca ²⁺ Oscillations in Endothelial Progenitor Cells Isolated from Umbilical Cord Blood. <i>Stem Cells and Development</i> , 2013, 22, 2561-2580.	2.1	74
15	Endothelial Remodelling and Intracellular Calcium Machinery. <i>Current Molecular Medicine</i> , 2014, 14, 457-480.	1.3	72
16	The Role of Endothelial Ca ²⁺ Signaling in Neurovascular Coupling: A View from the Lumen. <i>International Journal of Molecular Sciences</i> , 2018, 19, 938.	4.1	71
17	Hydrogen Sulfide and Endothelial Dysfunction: Relationship with Nitric Oxide. <i>Current Medicinal Chemistry</i> , 2014, 21, 3646-3661.	2.4	71
18	Endothelial progenitor cells support tumour growth and metastatisation: implications for the resistance to anti-angiogenic therapy. <i>Tumor Biology</i> , 2015, 36, 6603-6614.	1.8	66

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19	Acetylcholine induces intracellular Ca ²⁺ oscillations and nitric oxide release in mouse brain endothelial cells. <i>Cell Calcium</i> , 2017, 66, 33-47.	2.4	65
20	NAADP activates a Ca ²⁺ current that is dependent on F-actin cytoskeleton. <i>FASEB Journal</i> , 2003, 17, 1-20.	0.5	62
21	Hydrogen sulfide as a regulator of calcium channels. <i>Cell Calcium</i> , 2013, 53, 77-84.	2.4	61
22	Ca ²⁺ Signalling in Endothelial Progenitor Cells: A Novel Means to Improve Cell-Based Therapy and Impair Tumour Vascularisation. <i>Current Vascular Pharmacology</i> , 2014, 12, 87-105.	1.7	61
23	The importance of calcium in the regulation of megakaryocyte function. <i>Haematologica</i> , 2014, 99, 769-778.	3.5	61
24	Granular Layer Neurons Control Cerebellar Neurovascular Coupling Through an NMDA Receptor/NO-Dependent System. <i>Journal of Neuroscience</i> , 2017, 37, 1340-1351.	3.6	61
25	Conjugated polymers optically regulate the fate of endothelial colony-forming cells. <i>Science Advances</i> , 2019, 5, eaav4620.	10.3	61
26	Enhanced Expression of Stim, Orai, and TRPC Transcripts and Proteins in Endothelial Progenitor Cells Isolated from Patients with Primary Myelofibrosis. <i>PLoS ONE</i> , 2014, 9, e91099.	2.5	60
27	Hydrogen sulphide triggers VEGF-induced intracellular Ca ²⁺ signals in human endothelial cells but not in their immature progenitors. <i>Cell Calcium</i> , 2014, 56, 225-234.	2.4	59
28	Parameter tuning differentiates granule cell subtypes enriching transmission properties at the cerebellum input stage. <i>Communications Biology</i> , 2020, 3, 222.	4.4	59
29	Epidermal growth factor induces intracellular Ca ²⁺ oscillations in microvascular endothelial cells. <i>Journal of Cellular Physiology</i> , 2003, 194, 139-150.	4.1	57
30	Reactivating endogenous mechanisms of cardiac regeneration via paracrine boosting using the human amniotic fluid stem cell secretome. <i>International Journal of Cardiology</i> , 2019, 287, 87-95.	1.7	57
31	Targeting Stim and Orai Proteins as an Alternative Approach in Anticancer Therapy. <i>Current Medicinal Chemistry</i> , 2016, 23, 3450-3480.	2.4	55
32	Hydrogen Sulfide Regulates Intracellular Ca ²⁺ Concentration in Endothelial Cells From Excised Rat Aorta. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1416-1426.	1.6	53
33	NAADP triggers the fertilization potential in starfish oocytes. <i>Cell Calcium</i> , 2004, 36, 515-524.	2.4	52
34	Ca ²⁺ Signalling in Endothelial Progenitor Cells: Friend or Foe?. <i>Journal of Cellular Physiology</i> , 2016, 231, 314-327.	4.1	52
35	Defective interaction of mutant calreticulin and SOCE in megakaryocytes from patients with myeloproliferative neoplasms. <i>Blood</i> , 2020, 135, 133-144.	1.4	52
36	Store-Operated Ca ²⁺ Entry Does Not Control Proliferation in Primary Cultures of Human Metastatic Renal Cellular Carcinoma. <i>BioMed Research International</i> , 2014, 2014, 1-19.	1.9	51

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37	Constitutive Store-Operated Ca ²⁺ Entry Leads to Enhanced Nitric Oxide Production and Proliferation in Infantile Hemangioma-Derived Endothelial Colony-Forming Cells. <i>Stem Cells and Development</i> , 2016, 25, 301-319.	2.1	51
38	Arachidonic acid-evoked Ca ²⁺ signals promote nitric oxide release and proliferation in human endothelial colony forming cells. <i>Vascular Pharmacology</i> , 2016, 87, 159-171.	2.1	51
39	A new path to platelet production through matrix sensing. <i>Haematologica</i> , 2017, 102, 1150-1160.	3.5	51
40	Ca ²⁺ -dependent nitric oxide release in the injured endothelium of excised rat aorta: a promising mechanism applying in vascular prosthetic devices in aging patients. <i>BMC Surgery</i> , 2013, 13, S40.	1.3	49
41	Ca ²⁺ uptake by the endoplasmic reticulum Ca ²⁺ -ATPase in rat microvascular endothelial cells. <i>Biochemical Journal</i> , 2002, 364, 235-244.	3.7	47
42	Dysregulation of VEGF-induced proangiogenic Ca ²⁺ oscillations in primary myelofibrosis-derived endothelial colony-forming cells. <i>Experimental Hematology</i> , 2015, 43, 1019-1030.e3.	0.4	46
43	Orai1 and Transient Receptor Potential Channels as Novel Molecular Targets to Impair Tumor Neovascularization in Renal Cell Carcinoma and other Malignancies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 296-312.	1.7	46
44	Ca ²⁺ signaling in injured in situ endothelium of rat aorta. <i>Cell Calcium</i> , 2008, 44, 298-309.	2.4	45
45	A Functional Transient Receptor Potential Vanilloid 4 (TRPV4) Channel Is Expressed in Human Endothelial Progenitor Cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 95-104.	4.1	45
46	Endothelial Ca ²⁺ Signaling and the Resistance to Anticancer Treatments: Partners in Crime. <i>International Journal of Molecular Sciences</i> , 2018, 19, 217.	4.1	45
47	Endolysosomal Ca ²⁺ Signalling and Cancer Hallmarks: Two-Pore Channels on the Move, TRPML1 Lags Behind!. <i>Cancers</i> , 2019, 11, 27.	3.7	45
48	Glutamate triggers intracellular Ca ²⁺ oscillations and nitric oxide release by inducing NAADP- and InsP ₃ -dependent Ca ²⁺ release in mouse brain endothelial cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 3538-3554.	4.1	45
49	P2Y1 and P2Y2 Receptor-Operated Ca ²⁺ Signals in Primary Cultures of Cardiac Microvascular Endothelial Cells. <i>Microvascular Research</i> , 2001, 61, 240-252.	2.5	44
50	The M-phase-promoting Factor Modulates the Sensitivity of the Ca ²⁺ Stores to Inositol 1,4,5-Trisphosphate via the Actin Cytoskeleton. <i>Journal of Biological Chemistry</i> , 2003, 278, 42505-42514.	3.4	44
51	NAADP and InsP ₃ play distinct roles at fertilization in starfish oocytes. <i>Developmental Biology</i> , 2006, 294, 24-38.	2.0	44
52	The Mechanism of Injury-Induced Intracellular Calcium Concentration Oscillations in the Endothelium of Excised Rat Aorta. <i>Journal of Vascular Research</i> , 2012, 49, 65-76.	1.4	44
53	How to utilize Ca ²⁺ signals to rejuvenate the reparative phenotype of senescent endothelial progenitor cells in elderly patients affected by cardiovascular diseases: a useful therapeutic support of surgical approach?. <i>BMC Surgery</i> , 2013, 13, S46.	1.3	44
54	Honey-Mediated Wound Healing: H ₂ O ₂ Entry through AQP3 Determines Extracellular Ca ²⁺ Influx. <i>International Journal of Molecular Sciences</i> , 2019, 20, 764.	4.1	44

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55	Hematopoietic Progenitor and Stem Cells Circulate by Surfing on Intracellular Ca ²⁺ Waves: A Novel Target for Cell-based Therapy and Anti-cancer Treatment?. <i>Current Signal Transduction Therapy</i> , 2012, 7, 161-176.	0.5	41
56	VEGF-induced intracellular Ca ²⁺ oscillations are down-regulated and do not stimulate angiogenesis in breast cancer-derived endothelial colony forming cells. <i>Oncotarget</i> , 2017, 8, 95223-95246.	1.8	41
57	Stromal Cell-Derived Factor-1 α Promotes Endothelial Colony-Forming Cell Migration Through the Ca ²⁺ -Dependent Activation of the Extracellular Signal-Regulated Kinase 1/2 and Phosphoinositide 3-Kinase/AKT Pathways. <i>Stem Cells and Development</i> , 2018, 27, 23-34.	2.1	41
58	Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) Induces Intracellular Ca ²⁺ Release through the Two-Pore Channel TPC1 in Metastatic Colorectal Cancer Cells. <i>Cancers</i> , 2019, 11, 542.	3.7	41
59	Old and New Gasotransmitters in the Cardiovascular System: Focus on the Role of Nitric Oxide and Hydrogen Sulfide in Endothelial Cells and Cardiomyocytes. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1406-1415.	1.6	39
60	May the remodeling of the Ca ²⁺ toolkit in endothelial progenitor cells derived from cancer patients suggest alternative targets for anti-angiogenic treatment?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1958-1973.	4.1	38
61	Muscarinic M5 receptors trigger acetylcholine α induced Ca ²⁺ signals and nitric oxide release in human brain microvascular endothelial cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 4540-4562.	4.1	38
62	Endothelial TRPV1 as an Emerging Molecular Target to Promote Therapeutic Angiogenesis. <i>Cells</i> , 2020, 9, 1341.	4.1	36
63	Stim and Orai mediate constitutive Ca ²⁺ entry and control endoplasmic reticulum Ca ²⁺ refilling in primary cultures of colorectal carcinoma cells. <i>Oncotarget</i> , 2018, 9, 31098-31119.	1.8	36
64	Group 1 metabotropic glutamate receptors trigger glutamate-induced intracellular Ca ²⁺ signals and nitric oxide release in human brain microvascular endothelial cells. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2235-2253.	5.4	32
65	Pharmacological characterization of NAADP-induced Ca ²⁺ signals in starfish oocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 329-336.	2.1	31
66	Reactive Oxygen Species and Endothelial Ca ²⁺ Signaling: Brothers in Arms or Partners in Crime?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9821.	4.1	31
67	Therapeutic Potential of Endothelial Colony-Forming Cells in Ischemic Disease: Strategies to Improve their Regenerative Efficacy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7406.	4.1	30
68	Cardiac Microvascular Endothelial Cells Express a Functional Ca ²⁺ -Sensing Receptor. <i>Journal of Vascular Research</i> , 2009, 46, 73-82.	1.4	29
69	TRPC3 α mediated Ca ²⁺ signals as a promising strategy to boost therapeutic angiogenesis in failing hearts: The role of autologous endothelial colony forming cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 3901-3917.	4.1	29
70	Calcium as a Key Player in Arrhythmogenic Cardiomyopathy: Adhesion Disorder or Intracellular Alteration?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3986.	4.1	29
71	Arachidonic Acid Evokes an Increase in Intracellular Ca ²⁺ Concentration and Nitric Oxide Production in Endothelial Cells from Human Brain Microcirculation. <i>Cells</i> , 2019, 8, 689.	4.1	28
72	Histamine induces intracellular Ca ²⁺ oscillations and nitric oxide release in endothelial cells from brain microvascular circulation. <i>Journal of Cellular Physiology</i> , 2020, 235, 1515-1530.	4.1	28

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73	Generation and usage of aequorin lentiviral vectors for Ca ²⁺ measurement in sub-cellular compartments of hard-to-transfect cells. <i>Cell Calcium</i> , 2016, 59, 228-239.	2.4	27
74	Disrupted Calcium Signaling in Animal Models of Human Spinocerebellar Ataxia (SCA). <i>International Journal of Molecular Sciences</i> , 2020, 21, 216.	4.1	26
75	Understanding the heart-brain axis response in COVID-19 patients: A suggestive perspective for therapeutic development. <i>Pharmacological Research</i> , 2021, 168, 105581.	7.1	26
76	Intracellular Ca ²⁺ Signals to Reconstruct A Broken Heart: Still A Theoretical Approach?. <i>Current Drug Targets</i> , 2015, 16, 793-815.	2.1	26
77	Liposomes as a Putative Tool to Investigate NAADP Signaling in Vasculogenesis. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3722-3729.	2.6	25
78	Nitroso-Redox Balance and Modulation of Basal Myocardial Function: An Update from the Italian Society of Cardiovascular Research (SIRC). <i>Current Drug Targets</i> , 2015, 16, 895-903.	2.1	25
79	Sperm-attractant peptide influences the spermatozoa swimming behavior in internal fertilization in <i>Octopus vulgaris</i> . <i>Journal of Experimental Biology</i> , 2013, 216, 2229-2237.	1.7	24
80	Endoplasmic Reticulum Ca ²⁺ Handling and Apoptotic Resistance in Tumor-Derived Endothelial Colony Forming Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2260-2271.	2.6	24
81	The role of endothelial colony forming cells in kidney cancer's pathogenesis, and in resistance to anti-VEGFR agents and mTOR inhibitors: A speculative review. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 132, 89-99.	4.4	24
82	Platelet-derived extracellular vesicles regulate cell cycle progression and cell migration in breast cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118886.	4.1	23
83	Deletion of calcineurin from GFAP-expressing astrocytes impairs excitability of cerebellar and hippocampal neurons through astroglial Na ⁺ /K ⁺ ATPase. <i>Glia</i> , 2020, 68, 543-560.	4.9	22
84	Nicotinic acid adenine dinucleotide phosphate activates two-pore channel TPC1 to mediate lysosomal Ca ²⁺ release in endothelial colony-forming cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 688-705.	4.1	22
85	Targeting the Endothelial Ca ²⁺ Toolkit to Rescue Endothelial Dysfunction in Obesity Associated-Hypertension. <i>Current Medicinal Chemistry</i> , 2020, 27, 240-257.	2.4	22
86	Angiogenesis and Vasculogenesis in Health and Disease. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	21
87	Breast and renal cancer-Derived endothelial colony forming cells share a common gene signature. <i>European Journal of Cancer</i> , 2017, 77, 155-164.	2.8	19
88	Targeting Endolysosomal Two-Pore Channels to Treat Cardiovascular Disorders in the Novel COVID-19. <i>Frontiers in Physiology</i> , 2021, 12, 629119.	2.8	19
89	Manipulating Intracellular Ca ²⁺ Signals to Stimulate Therapeutic Angiogenesis in Cardiovascular Disorders. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 686-699.	1.6	19
90	Conjugated polymers mediate intracellular Ca ²⁺ signals in circulating endothelial colony forming cells through the reactive oxygen species-dependent activation of Transient Receptor Potential Vanilloid 1 (TRPV1). <i>Cell Calcium</i> , 2022, 101, 102502.	2.4	19

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91	Phosphatidylethanolamine Induces an Antifibrotic Phenotype in Normal Human Lung Fibroblasts and Ameliorates Bleomycin-Induced Lung Fibrosis in Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2758.	4.1	18
92	Neuronal Activity-Dependent Activation of Astroglial Calcineurin in Mouse Primary Hippocampal Cultures. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2997.	4.1	18
93	Endolysosomal Ca ²⁺ signaling in cardiovascular health and disease. <i>International Review of Cell and Molecular Biology</i> , 2021, 363, 203-269.	3.2	18
94	The human amniotic fluid stem cell secretome triggers intracellular Ca ²⁺ oscillations, NF- κ B nuclear translocation and tube formation in human endothelial colony-forming cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8074-8086.	3.6	18
95	Extracellular vesicles (EVs) in ischemic conditioning and angiogenesis: Focus on endothelial derived EVs. <i>Vascular Pharmacology</i> , 2021, 140, 106873.	2.1	18
96	NMDA receptors elicit flux-independent intracellular Ca ²⁺ signals via metabotropic glutamate receptors and flux-dependent nitric oxide release in human brain microvascular endothelial cells. <i>Cell Calcium</i> , 2021, 99, 102454.	2.4	18
97	Ca ²⁺ signalling and membrane current activated by cADPr in starfish oocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2003, 446, 541-552.	2.8	17
98	Flow-activated Na ⁺ and K ⁺ Current in Cardiac Microvascular Endothelial Cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2000, 32, 1589-1593.	1.9	16
99	Na ⁺ -Ca ²⁺ exchanger contributes to Ca ²⁺ extrusion in ATP-stimulated endothelium of intact rat aorta. <i>Biochemical and Biophysical Research Communications</i> , 2010, 395, 126-130.	2.1	16
100	The Plant Hormone Abscisic Acid Is a Prosurvival Factor in Human and Murine Megakaryocytes. <i>Journal of Biological Chemistry</i> , 2017, 292, 3239-3251.	3.4	16
101	Endothelial signaling at the core of neurovascular coupling: The emerging role of endothelial inward-rectifier K ⁺ (Kir2.1) channels and N-methyl-d-aspartate receptors in the regulation of cerebral blood flow. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 135, 105983.	2.8	16
102	Type 2 Diabetes Alters Intracellular Ca ²⁺ Handling in Native Endothelium of Excised Rat Aorta. <i>International Journal of Molecular Sciences</i> , 2020, 21, 250.	4.1	15
103	Hydrogen Sulfide-Evoked Intracellular Ca ²⁺ Signals in Primary Cultures of Metastatic Colorectal Cancer Cells. <i>Cancers</i> , 2020, 12, 3338.	3.7	15
104	Basal Nonselective Cation Permeability in Rat Cardiac Microvascular Endothelial Cells. <i>Microvascular Research</i> , 2002, 64, 187-197.	2.5	14
105	Pre- and postsynaptic excitation and inhibition at octopus optic lobe photoreceptor terminals; implications for the function of the "presynaptic bags". <i>European Journal of Neuroscience</i> , 2007, 26, 2196-2203.	2.6	14
106	Supporting data on in vitro cardioprotective and proliferative paracrine effects by the human amniotic fluid stem cell secretome. <i>Data in Brief</i> , 2019, 25, 104324.	1.0	14
107	Characterization of Novel Cytoplasmic PARP in the Brain of <i>Octopus vulgaris</i> . <i>Biological Bulletin</i> , 2012, 222, 176-181.	1.8	13
108	Calcium Signaling in Endothelial Colony Forming Cells in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1131, 1013-1030.	1.6	13

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109	A bidirectional crosstalk between glioblastoma and brain endothelial cells potentiates the angiogenic and proliferative signaling of sphingosine-1-phosphate in the glioblastoma microenvironment. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1179-1192.	2.4	12
110	Latrunculin A depolarizes starfish oocytes. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, 845-852.	1.8	11
111	Pathophysiological Significance of Store-Operated Calcium Entry in Megakaryocyte Function: Opening New Paths for Understanding the Role of Calcium in Thrombopoiesis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2055.	4.1	11
112	[Pt(O,O'-acac)(¹³ C-acac)(DMS)]: Alternative Strategies to Overcome Cisplatin-Induced Side Effects and Resistance in T98G Glioma Cells. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 563-587.	3.3	11
113	The heterogeneity of cancer endothelium: The relevance of angiogenesis and endothelial progenitor cells in cancer microenvironment. <i>Microvascular Research</i> , 2021, 138, 104189.	2.5	11
114	Ca ²⁺ Signalling in Damaged Endothelium: Do Connexin Hemichannels Aid in Filling the Gap?. <i>Current Drug Therapy</i> , 2010, 5, 277-287.	0.3	10
115	Systemic lupus erythematosus, endothelial progenitor cells and intracellular Ca ²⁺ signaling: A novel approach for an old disease. <i>Journal of Autoimmunity</i> , 2020, 112, 102486.	6.5	10
116	GABAA- and AMPA-like receptors modulate the activity of an identified neuron within the central pattern generator of the pond snail <i>Lymnaea stagnalis</i> . <i>Invertebrate Neuroscience</i> , 2009, 9, 29-41.	1.8	9
117	Towards Novel Geneless Approaches for Therapeutic Angiogenesis. <i>Frontiers in Physiology</i> , 2020, 11, 616189.	2.8	8
118	Nicotinic Acid Adenine Dinucleotide Phosphate Induces Intracellular Ca ²⁺ Signalling and Stimulates Proliferation in Human Cardiac Mesenchymal Stromal Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 874043.	3.7	8
119	Targeting endothelial ion signalling to rescue cerebral blood flow in cerebral disorders. <i>Vascular Pharmacology</i> , 2022, 145, 106997.	2.1	8
120	Optical excitation of organic semiconductors as a highly selective strategy to induce vascular regeneration and tissue repair. <i>Vascular Pharmacology</i> , 2022, 144, 106998.	2.1	8
121	Fine structural detection of calcium ions by photoconversion. <i>European Journal of Histochemistry</i> , 2016, 60, 2695.	1.5	7
122	Kinetic and Angiogenic Activity of Circulating Endothelial Colony Forming Cells in Patients with Infantile Haemangioma Receiving Propranolol. <i>Thrombosis and Haemostasis</i> , 2019, 119, 274-284.	3.4	7
123	Remodelling of the Ca ²⁺ Toolkit in Tumor Endothelium as a Crucial Responsible for the Resistance to Anticancer Therapies. <i>Current Signal Transduction Therapy</i> , 2017, 12, 3-18.	0.5	7
124	Store-Operated Ca ²⁺ Entry Is Up-Regulated in Tumour-Infiltrating Lymphocytes from Metastatic Colorectal Cancer Patients. <i>Cancers</i> , 2022, 14, 3312.	3.7	7
125	Expression and function of toll-like receptors in human circulating endothelial colony forming cells. <i>Immunology Letters</i> , 2015, 168, 98-104.	2.5	6
126	Anti-Inflammatory Properties of <i>Bellevalia saviczii</i> Root Extract and Its Isolated Homoisoflavonoid (Dracol) Are Mediated by Modification on Calcium Signaling. <i>Molecules</i> , 2019, 24, 3376.	3.8	6

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127	Polychlorinated biphenyls reduce the kinematics contractile properties of embryonic stem cells-derived cardiomyocytes by disrupting their intracellular Ca ²⁺ dynamics. <i>Scientific Reports</i> , 2018, 8, 17909.	3.3	5
128	Targeting Calcium Signalling in Malignant Mesothelioma. <i>Cancers</i> , 2019, 11, 1839.	3.7	5
129	Multifunctional Liposomes Modulate Purinergic Receptor-Induced Calcium Wave in Cerebral Microvascular Endothelial Cells and Astrocytes: New Insights for Alzheimer's disease. <i>Molecular Neurobiology</i> , 2021, 58, 2824-2835.	4.0	5
130	Ablation of collagen VI leads to the release of platelets with altered function. <i>Blood Advances</i> , 2021, 5, 5150-5163.	5.2	5
131	Knocking out TMEM38B in human foetal osteoblasts hFOB 1.19 by CRISPR/Cas9: A model for recessive OI type XIV. <i>PLoS ONE</i> , 2021, 16, e0257254.	2.5	5
132	Ca ²⁺ Signalling in Damaged Endothelium and Arterial Remodelling: Do Connexin Hemichannels Provide a Suitable Target to Prevent In-stent Restenosis?. <i>Current Drug Therapy</i> , 2012, 7, 268-280.	0.3	4
133	Lost in phototransduction a few facts and hypotheses on cephalopod photoresponse. <i>Frontiers in Bioscience - Scholar</i> , 2009, S1, 319-328.	2.1	4
134	Lung Surfactant Increases Free Cytosolic Levels of Ca ²⁺ in Human Lung Fibroblasts. <i>PLoS ONE</i> , 2015, 10, e0134564.	2.5	3
135	Automated Intracellular Calcium Profiles Extraction from Endothelial Cells Using Digital Fluorescence Images. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3440.	4.1	3
136	Editorial: Advances and Current Challenges in Calcium Signaling Within the Cardiovascular System. <i>Frontiers in Physiology</i> , 2021, 12, 696315.	2.8	2
137	Embryonic Stem Cells for Cardiac Regeneration. <i>Pancreatic Islet Biology</i> , 2016, , 9-29.	0.3	1
138	Abnormal Regulation of Intracellular Calcium in Human Megakaryocytes Contributes to the Pathophysiology of Calr-Mutant Myeloproliferative Neoplasms. <i>Blood</i> , 2018, 132, 1782-1782.	1.4	1
139	Novel molecular insights and potential approaches for targeting hypertrophic cardiomyopathy: Focus on coronary modulators. <i>Vascular Pharmacology</i> , 2022, 145, 107003.	2.1	1
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