

Francesco Moccia

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

5,233
citations

57631

44
h-index

118652

62
g-index

156
all docs

156
docs citations

156
times ranked

4683
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.1	19
2	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.	1.8	8
3	Targeting endothelial ion signalling to rescue cerebral blood flow in cerebral disorders. <i>Vascular Pharmacology</i> , 2022, 145, 106997.	1.0	8
4	Optical excitation of organic semiconductors as a highly selective strategy to induce vascular regeneration and tissue repair. <i>Vascular Pharmacology</i> , 2022, 144, 106998.	1.0	8
5	Novel molecular insights and potential approaches for targeting hypertrophic cardiomyopathy: Focus on coronary modulators. <i>Vascular Pharmacology</i> , 2022, 145, 107003.	1.0	1
6	Store-Operated Ca ²⁺ Entry Is Up-Regulated in Tumour-Infiltrating Lymphocytes from Metastatic Colorectal Cancer Patients. <i>Cancers</i> , 2022, 14, 3312.	1.7	7
7	[Pt(O,O'-acac)(¹³ -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.	1.7	11
8	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.	2.0	22
9	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.	1.9	23
10	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.	1.9	5
11	Targeting Endolysosomal Two-Pore Channels to Treat Cardiovascular Disorders in the Novel COroNaVirus Disease 2019. <i>Frontiers in Physiology</i> , 2021, 12, 629119.	1.3	19
12	Endolysosomal Ca ²⁺ signaling in cardiovascular health and disease. <i>International Review of Cell and Molecular Biology</i> , 2021, 363, 203-269.	1.6	18
13	Understanding the heart-brain axis response in COVID-19 patients: A suggestive perspective for therapeutic development. <i>Pharmacological Research</i> , 2021, 168, 105581.	3.1	26
14	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.	1.2	16
15	Editorial: Advances and Current Challenges in Calcium Signaling Within the Cardiovascular System. <i>Frontiers in Physiology</i> , 2021, 12, 696315.	1.3	2
16	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.	1.6	18
17	Ablation of collagen VI leads to the release of platelets with altered function. <i>Blood Advances</i> , 2021, 5, 5150-5163.	2.5	5
18	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.	1.8	31

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19	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.	1.1	5
20	Extracellular vesicles (EVs) in ischemic conditioning and angiogenesis: Focus on endothelial derived EVs. <i>Vascular Pharmacology</i> , 2021, 140, 106873.	1.0	18
21	The heterogeneity of cancer endothelium: The relevance of angiogenesis and endothelial progenitor cells in cancer microenvironment. <i>Microvascular Research</i> , 2021, 138, 104189.	1.1	11
22	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.	1.1	18
23	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.	2.0	28
24	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.	2.4	32
25	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.	2.5	22
26	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.	1.8	15
27	Disrupted Calcium Signaling in Animal Models of Human Spinocerebellar Ataxia (SCA). <i>International Journal of Molecular Sciences</i> , 2020, 21, 216.	1.8	26
28	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.	1.8	30
29	Endothelial dysfunction in patients with spontaneous coronary artery dissection: another brick in the failing coronary wall?. <i>International Journal of Cardiology</i> , 2020, 316, 52-53.	0.8	0
30	Hydrogen Sulfide-Evoked Intracellular Ca ²⁺ Signals in Primary Cultures of Metastatic Colorectal Cancer Cells. <i>Cancers</i> , 2020, 12, 3338.	1.7	15
31	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.	2.1	115
32	Parameter tuning differentiates granule cell subtypes enriching transmission properties at the cerebellum input stage. <i>Communications Biology</i> , 2020, 3, 222.	2.0	59
33	Endothelial TRPV1 as an Emerging Molecular Target to Promote Therapeutic Angiogenesis. <i>Cells</i> , 2020, 9, 1341.	1.8	36
34	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.	3.0	10
35	Conjugated Polymers Optically Regulate the Fate of Endothelial Colony Forming Cells. <i>Biophysical Journal</i> , 2020, 118, 478a.	0.2	0
36	Defective interaction of mutant calreticulin and SOCE in megakaryocytes from patients with myeloproliferative neoplasms. <i>Blood</i> , 2020, 135, 133-144.	0.6	52

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37	Towards Novel Geneless Approaches for Therapeutic Angiogenesis. <i>Frontiers in Physiology</i> , 2020, 11, 616189.	1.3	8
38	Calcium Signaling in Endothelial Colony Forming Cells in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1131, 1013-1030.	0.8	13
39	Targeting the Endothelial Ca ²⁺ Toolkit to Rescue Endothelial Dysfunction in Obesity Associated-Hypertension. <i>Current Medicinal Chemistry</i> , 2020, 27, 240-257.	1.2	22
40	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.	0.5	14
41	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.	1.8	94
42	Calcium as a Key Player in Arrhythmogenic Cardiomyopathy: Adhesion Disorder or Intracellular Alteration?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3986.	1.8	29
43	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.	1.8	28
44	Conjugated polymers optically regulate the fate of endothelial colony-forming cells. <i>Science Advances</i> , 2019, 5, eaav4620.	4.7	61
45	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.	1.7	6
46	Endolysosomal Ca ²⁺ Signalling and Cancer Hallmarks: Two-Pore Channels on the Move, TRPML1 Lags Behind!. <i>Cancers</i> , 2019, 11, 27.	1.7	45
47	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.	1.7	41
48	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.	0.8	57
49	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.	1.8	44
50	Targeting Calcium Signalling in Malignant Mesothelioma. <i>Cancers</i> , 2019, 11, 1839.	1.7	5
51	Muscarinic M5 receptors trigger acetylcholine-induced Ca ²⁺ signals and nitric oxide release in human brain microvascular endothelial cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 4540-4562.	2.0	38
52	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.	2.0	45
53	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.	1.8	7
54	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.	1.3	75

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55	Stromal Cell-Derived Factor-1 β 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.	1.1	41
56	TRPC3 β -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.	2.0	29
57	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.	1.6	5
58	Automated Intracellular Calcium Profiles Extraction from Endothelial Cells Using Digital Fluorescence Images. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3440.	1.8	3
59	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.	1.8	18
60	The role of endothelial colony forming cells in kidney cancer β 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.	2.0	24
61	Neuronal Activity-Dependent Activation of Astroglial Calcineurin in Mouse Primary Hippocampal Cultures. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2997.	1.8	18
62	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.	1.2	12
63	Endothelial Ca ²⁺ Signaling and the Resistance to Anticancer Treatments: Partners in Crime. <i>International Journal of Molecular Sciences</i> , 2018, 19, 217.	1.8	45
64	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.	1.8	71
65	Abnormal Regulation of Intracellular Calcium in Human Megakaryocytes Contributes to the Pathophysiology of Calr-Mutant Myeloproliferative Neoplasms. <i>Blood</i> , 2018, 132, 1782-1782.	0.6	1
66	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.	0.8	36
67	Manipulating Intracellular Ca ²⁺ Signals to Stimulate Therapeutic Angiogenesis in Cardiovascular Disorders. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 686-699.	0.9	19
68	The Plant Hormone Abscisic Acid Is a Prosurvival Factor in Human and Murine Megakaryocytes. <i>Journal of Biological Chemistry</i> , 2017, 292, 3239-3251.	1.6	16
69	Breast and renal cancer β Derived endothelial colony forming cells share a common gene signature. <i>European Journal of Cancer</i> , 2017, 77, 155-164.	1.3	19
70	A new path to platelet production through matrix sensing. <i>Haematologica</i> , 2017, 102, 1150-1160.	1.7	51
71	Acetylcholine induces intracellular Ca ²⁺ oscillations and nitric oxide release in mouse brain endothelial cells. <i>Cell Calcium</i> , 2017, 66, 33-47.	1.1	65
72	Liposomes as a Putative Tool to Investigate NAADP Signaling in Vasculogenesis. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3722-3729.	1.2	25

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73	Granular Layer Neurons Control Cerebellar Neurovascular Coupling Through an NMDA Receptor/NO-Dependent System. <i>Journal of Neuroscience</i> , 2017, 37, 1340-1351.	1.7	61
74	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.	0.8	41
75	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.	0.3	7
76	Fine structural detection of calcium ions by photoconversion. <i>European Journal of Histochemistry</i> , 2016, 60, 2695.	0.6	7
77	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.	1.8	11
78	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.	1.2	24
79	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.	1.1	51
80	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.	1.0	51
81	Ca ²⁺ Signalling in Endothelial Progenitor Cells: Friend or Foe?. <i>Journal of Cellular Physiology</i> , 2016, 231, 314-327.	2.0	52
82	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.	1.1	27
83	Embryonic Stem Cells for Cardiac Regeneration. <i>Pancreatic Islet Biology</i> , 2016, , 9-29.	0.1	1
84	Differential clinical effects of different mutation subtypes in CALR-mutant myeloproliferative neoplasms. <i>Leukemia</i> , 2016, 30, 431-438.	3.3	216
85	Targeting Stim and Orai Proteins as an Alternative Approach in Anticancer Therapy. <i>Current Medicinal Chemistry</i> , 2016, 23, 3450-3480.	1.2	55
86	Acetylcholine induces nitric oxide production by inducing intracellular Ca ²⁺ oscillations in mouse brain endothelial cells. <i>Vascular Pharmacology</i> , 2015, 75, 70.	1.0	0
87	Stim and Orai proteins in neuronal Ca ²⁺ signaling and excitability. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 153.	1.8	135
88	Lung Beractant Increases Free Cytosolic Levels of Ca ²⁺ in Human Lung Fibroblasts. <i>PLoS ONE</i> , 2015, 10, e0134564.	1.1	3
89	Angiogenesis and Vasculogenesis in Health and Disease. <i>BioMed Research International</i> , 2015, 2015, 1-2.	0.9	21
90	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.	0.2	46

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91	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.	1.1	78
92	Expression and function of toll-like receptors in human circulating endothelial colony forming cells. <i>Immunology Letters</i> , 2015, 168, 98-104.	1.1	6
93	Endothelial progenitor cells support tumour growth and metastatisation: implications for the resistance to anti-angiogenic therapy. <i>Tumor Biology</i> , 2015, 36, 6603-6614.	0.8	66
94	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.	2.0	45
95	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.	1.9	38
96	Intracellular Ca ²⁺ Signals to Reconstruct A Broken Heart: Still A Theoretical Approach?. <i>Current Drug Targets</i> , 2015, 16, 793-815.	1.0	26
97	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.	1.0	25
98	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.	0.8	61
99	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.	0.9	51
100	The importance of calcium in the regulation of megakaryocyte function. <i>Haematologica</i> , 2014, 99, 769-778.	1.7	61
101	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.	1.1	59
102	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.	1.1	60
103	Hydrogen Sulfide and Endothelial Dysfunction: Relationship with Nitric Oxide. <i>Current Medicinal Chemistry</i> , 2014, 21, 3646-3661.	1.2	71
104	Endothelial Remodelling and Intracellular Calcium Machinery. <i>Current Molecular Medicine</i> , 2014, 14, 457-480.	0.6	72
105	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.	0.9	46
106	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.	0.6	44
107	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.	0.6	49
108	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.	1.1	74

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109	Hydrogen sulfide as a regulator of calcium channels. <i>Cell Calcium</i> , 2013, 53, 77-84.	1.1	61
110	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.	0.8	24
111	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.	1.2	108
112	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.	0.3	41
113	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.	0.6	44
114	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.	0.2	4
115	Characterization of Novel Cytoplasmic PARP in the Brain of <i>Octopus vulgaris</i> . <i>Biological Bulletin</i> , 2012, 222, 176-181.	0.7	13
116	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.	1.1	121
117	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.	1.7	105
118	Hydrogen Sulfide Regulates Intracellular Ca ²⁺ Concentration in Endothelial Cells From Excised Rat Aorta. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1416-1426.	0.9	53
119	Hydrogen sulfide promotes calcium signals and migration in tumor-derived endothelial cells. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1765-1773.	1.3	83
120	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.	1.4	140
121	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.	0.9	39
122	Store-Operated Ca ²⁺ Entry Is Expressed in Human Endothelial Progenitor Cells. <i>Stem Cells and Development</i> , 2010, 19, 1967-1981.	1.1	104
123	Ca ²⁺ Signalling in Damaged Endothelium: Do Connexin Hemichannels Aid in Filling the Gap?. <i>Current Drug Therapy</i> , 2010, 5, 277-287.	0.2	10
124	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.	1.0	16
125	Cardiac Microvascular Endothelial Cells Express a Functional Ca ²⁺ -Sensing Receptor. <i>Journal of Vascular Research</i> , 2009, 46, 73-82.	0.6	29
126	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

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127	Lost in phototransduction a few facts and hypotheses on cephalopod photoresponse. <i>Frontiers in Bioscience - Scholar</i> , 2009, S1, 319-328.	0.8	4
128	Ca ²⁺ signaling in injured in situ endothelium of rat aorta. <i>Cell Calcium</i> , 2008, 44, 298-309.	1.1	45
129	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.	1.2	14
130	Latrunculin A depolarizes starfish oocytes. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, 845-852.	0.8	11
131	NAADP and InsP3 play distinct roles at fertilization in starfish oocytes. <i>Developmental Biology</i> , 2006, 294, 24-38.	0.9	44
132	Pharmacological characterization of NAADP-induced Ca ²⁺ signals in starfish oocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 329-336.	1.0	31
133	Calcium and fertilization: the beginning of life. <i>Trends in Biochemical Sciences</i> , 2004, 29, 400-408.	3.7	99
134	Calcium and fertilization: the beginning of life. <i>Trends in Biochemical Sciences</i> , 2004, 29, 571.	3.7	0
135	NAADP triggers the fertilization potential in starfish oocytes. <i>Cell Calcium</i> , 2004, 36, 515-524.	1.1	52
136	Ca ²⁺ signalling and membrane current activated by cADPr in starfish oocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2003, 446, 541-552.	1.3	17
137	Epidermal growth factor induces intracellular Ca ²⁺ oscillations in microvascular endothelial cells. <i>Journal of Cellular Physiology</i> , 2003, 194, 139-150.	2.0	57
138	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.	1.6	44
139	NAADP activates a Ca ²⁺ current that is dependent on F-actin cytoskeleton. <i>FASEB Journal</i> , 2003, 17, 1-20.	0.2	62
140	Ca ²⁺ uptake by the endoplasmic reticulum Ca ²⁺ -ATPase in rat microvascular endothelial cells. <i>Biochemical Journal</i> , 2002, 364, 235-244.	1.7	47
141	Basal Nonselective Cation Permeability in Rat Cardiac Microvascular Endothelial Cells. <i>Microvascular Research</i> , 2002, 64, 187-197.	1.1	14
142	P2Y1 and P2Y2 Receptor-Operated Ca ²⁺ Signals in Primary Cultures of Cardiac Microvascular Endothelial Cells. <i>Microvascular Research</i> , 2001, 61, 240-252.	1.1	44
143	Flow-activated Na ⁺ and K ⁺ Current in Cardiac Microvascular Endothelial Cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2000, 32, 1589-1593.	0.9	16
144	NEUROVASCULAR COUPLING IN THE CEREBELLAR GRANULAR LAYER. <i>Frontiers in Cellular Neuroscience</i> , 0, 11, .	1.8	0