Francesco Moccia

List of Publications by Year
in descending order

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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	Conjugated polymers mediate intracellular Ca2+ signals in circulating endothelial colony forming cells through the reactive oxygen species-dependent activation of Transient Receptor Potential Vanilloid 1 (TRPV1). Cell Calcium, 2022, 101, 102502.	2.4	19
2	Nicotinic Acid Adenine Dinucleotide Phosphate Induces Intracellular Ca2+ Signalling and Stimulates Proliferation in Human Cardiac Mesenchymal Stromal Cells. Frontiers in Cell and Developmental Biology, 2022, 10, 874043.	3.7	8
3	Targeting endothelial ion signalling to rescue cerebral blood flow in cerebral disorders. Vascular Pharmacology, 2022, 145, 106997.	2.1	8
4	Optical excitation of organic semiconductors as a highly selective strategy to induce vascular regeneration and tissue repair. Vascular Pharmacology, 2022, 144, 106998.	2.1	8
5	Novel molecular insights and potential approaches for targeting hypertrophic cardiomyopathy: Focus on coronary modulators. Vascular Pharmacology, 2022, 145, 107003.	2.1	1
6	Store-Operated Ca2+ Entry Is Up-Regulated in Tumour-Infiltrating Lymphocytes from Metastatic Colorectal Cancer Patients. Cancers, 2022, 14, 3312.	3.7	7
7	[Pt(O,O'-acac)(Î³-acac)(DMS)]: Alternative Strategies to Overcome Cisplatin-Induced Side Effects and Resistance in T98G Glioma Cells. Cellular and Molecular Neurobiology, 2021, 41, 563-587.	3.3	11
8	Nicotinic acid adenine dinucleotide phosphate activates twoâ€pore channel TPC1 to mediate lysosomal Ca²⁺ release in endothelial colonyâ€forming cells. Journal of Cellular Physiology, 2021, 236, 688-705.	4.1	22
9	Platelet-derived extracellular vesicles regulate cell cycle progression and cell migration in breast cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118886.	4.1	23
10	Multifunctional Liposomes Modulate Purinergic Receptor-Induced Calcium Wave in Cerebral Microvascular Endothelial Cells and Astrocytes: New Insights for Alzheimerâ€™s disease. Molecular Neurobiology, 2021, 58, 2824-2835.	4.0	5
11	Targeting Endolysosomal Two-Pore Channels to Treat Cardiovascular Disorders in the Novel COronaVIrus Disease 2019. Frontiers in Physiology, 2021, 12, 629119.	2.8	19
12	Endolysosomal Ca2+ signaling in cardiovascular health and disease. International Review of Cell and Molecular Biology, 2021, 363, 203-269.	3.2	18
13	Understanding the heart-brain axis response in COVID-19 patients: A suggestive perspective for therapeutic development. Pharmacological Research, 2021, 168, 105581.	7.1	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. International Journal of Biochemistry and Cell Biology, 2021, 135, 105983.	2.8	16
15	Editorial: Advances and Current Challenges in Calcium Signaling Within the Cardiovascular System. Frontiers in Physiology, 2021, 12, 696315.	2.8	2
16	The human amniotic fluid stem cell secretome triggers intracellular Ca²⁺ oscillations, NFâ€ÎºB nuclear translocation and tube formation in human endothelial colonyâ€forming cells. Journal of Cellular and Molecular Medicine, 2021, 25, 8074-8086.	3.6	18
17	Ablation of collagen VI leads to the release of platelets with altered function. Blood Advances, 2021, 5, 5150-5163.	5.2	5
18	Reactive Oxygen Species and Endothelial Ca2+ Signaling: Brothers in Arms or Partners in Crime?. International Journal of Molecular Sciences, 2021, 22, 9821.	4.1	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. PLoS ONE, 2021, 16, e0257254.	2.5	5
20	Extracellular vesicles (EVs) in ischemic conditioning and angiogenesis: Focus on endothelial derived EVs. Vascular Pharmacology, 2021, 140, 106873.	2.1	18
21	The heterogeneity of cancer endothelium: The relevance of angiogenesis and endothelial progenitor cells in cancer microenvironment. Microvascular Research, 2021, 138, 104189.	2.5	11
22	NMDA receptors elicit flux-independent intracellular Ca2+ signals via metabotropic glutamate receptors and flux-dependent nitric oxide release in human brain microvascular endothelial cells. Cell Calcium, 2021, 99, 102454.	2.4	18
23	Histamine induces intracellular Ca²⁺ oscillations and nitric oxide release in endothelial cells from brain microvascular circulation. Journal of Cellular Physiology, 2020, 235, 1515-1530.	4.1	28
24	Group 1 metabotropic glutamate receptors trigger glutamate-induced intracellular Ca2+ signals and nitric oxide release in human brain microvascular endothelial cells. Cellular and Molecular Life Sciences, 2020, 77, 2235-2253.	5.4	32
25	Deletion of calcineurin from GFAPâ€expressing astrocytes impairs excitability of cerebellar and hippocampal neurons through astroglial Na⁺/K⁺ ATPase. Glia, 2020, 68, 543-560.	4.9	22
26	Type 2 Diabetes Alters Intracellular Ca2+ Handling in Native Endothelium of Excised Rat Aorta. International Journal of Molecular Sciences, 2020, 21, 250.	4.1	15
27	Disrupted Calcium Signaling in Animal Models of Human Spinocerebellar Ataxia (SCA). International Journal of Molecular Sciences, 2020, 21, 216.	4.1	26
28	Therapeutic Potential of Endothelial Colony-Forming Cells in Ischemic Disease: Strategies to Improve their Regenerative Efficacy. International Journal of Molecular Sciences, 2020, 21, 7406.	4.1	30
29	Endothelial dysfunction in patients with spontaneous coronary artery dissection: another brick in the failing coronary wall?. International Journal of Cardiology, 2020, 316, 52-53.	1.7	0
30	Hydrogen Sulfide-Evoked Intracellular Ca2+ Signals in Primary Cultures of Metastatic Colorectal Cancer Cells. Cancers, 2020, 12, 3338.	3.7	15
31	COVID-19-associated cardiovascular morbidity in older adults: a position paper from the Italian Society of Cardiovascular Researches. GeroScience, 2020, 42, 1021-1049.	4.6	115
32	Parameter tuning differentiates granule cell subtypes enriching transmission properties at the cerebellum input stage. Communications Biology, 2020, 3, 222.	4.4	59
33	Endothelial TRPV1 as an Emerging Molecular Target to Promote Therapeutic Angiogenesis. Cells, 2020, 9, 1341.	4.1	36
34	Systemic lupus erythematosus, endothelial progenitor cells and intracellular Ca2+ signaling: A novel approach for an old disease. Journal of Autoimmunity, 2020, 112, 102486.	6.5	10
35	Conjugated Polymers Optically Regulate the Fate of Endothelial Colony Forming Cells. Biophysical Journal, 2020, 118, 478a.	0.5	0
36	Defective interaction of mutant calreticulin and SOCE in megakaryocytes from patients with myeloproliferative neoplasms. Blood, 2020, 135, 133-144.	1.4	52

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37	Towards Novel Geneless Approaches for Therapeutic Angiogenesis. Frontiers in Physiology, 2020, 11, 616189.	2.8	8
38	Calcium Signaling in Endothelial Colony Forming Cells in Health and Disease. Advances in Experimental Medicine and Biology, 2020, 1131, 1013-1030.	1.6	13
39	Targeting the Endothelial Ca2+ Toolkit to Rescue Endothelial Dysfunction in Obesity Associated-Hypertension. Current Medicinal Chemistry, 2020, 27, 240-257.	2.4	22
40	Supporting data on inÂvitro cardioprotective and proliferative paracrine effects by the human amniotic fluid stem cell secretome. Data in Brief, 2019, 25, 104324.	1.0	14
41	Endothelial Ca2+ Signaling, Angiogenesis and Vasculogenesis: just What It Takes to Make a Blood Vessel. International Journal of Molecular Sciences, 2019, 20, 3962.	4.1	94
42	Calcium as a Key Player in Arrhythmogenic Cardiomyopathy: Adhesion Disorder or Intracellular Alteration?. International Journal of Molecular Sciences, 2019, 20, 3986.	4.1	29
43	Arachidonic Acid Evokes an Increase in Intracellular Ca2+ Concentration and Nitric Oxide Production in Endothelial Cells from Human Brain Microcirculation. Cells, 2019, 8, 689.	4.1	28
44	Conjugated polymers optically regulate the fate of endothelial colony-forming cells. Science Advances, 2019, 5, eaav4620.	10.3	61
45	Anti-Inflammatory Properties of Bellevalia saviczii Root Extract and Its Isolated Homoisoflavonoid (Dracol) Are Mediated by Modification on Calcium Signaling. Molecules, 2019, 24, 3376.	3.8	6
46	Endolysosomal Ca2+ Signalling and Cancer Hallmarks: Two-Pore Channels on the Move, TRPML1 Lags Behind!. Cancers, 2019, 11, 27.	3.7	45
47	Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) Induces Intracellular Ca2+ Release through the Two-Pore Channel TPC1 in Metastatic Colorectal Cancer Cells. Cancers, 2019, 11, 542.	3.7	41
48	Reactivating endogenous mechanisms of cardiac regeneration via paracrine boosting using the human amniotic fluid stem cell secretome. International Journal of Cardiology, 2019, 287, 87-95.	1.7	57
49	Honey-Mediated Wound Healing: H2O2 Entry through AQP3 Determines Extracellular Ca2+ Influx. International Journal of Molecular Sciences, 2019, 20, 764.	4.1	44
50	Targeting Calcium Signalling in Malignant Mesothelioma. Cancers, 2019, 11, 1839.	3.7	5
51	Muscarinic M5 receptors trigger acetylcholineâ€induced Ca²⁺ signals and nitric oxide release in human brain microvascular endothelial cells. Journal of Cellular Physiology, 2019, 234, 4540-4562.	4.1	38
52	Glutamate triggers intracellular Ca²⁺ oscillations and nitric oxide release by inducing NAADPâ€and InsP₃â€dependent Ca²⁺ release in mouse brain endothelial cells. Journal of Cellular Physiology, 2019, 234, 3538-3554.	4.1	45
53	Kinetic and Angiogenic Activity of Circulating Endothelial Colony Forming Cells in Patients with Infantile Haemangioma Receiving Propranolol. Thrombosis and Haemostasis, 2019, 119, 274-284.	3.4	7
54	Endothelial Transient Receptor Potential Channels and Vascular Remodeling: Extracellular Ca2 + Entry for Angiogenesis, Arteriogenesis and Vasculogenesis. Frontiers in Physiology, 2019, 10, 1618.	2.8	75

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55	Stromal Cell-Derived Factor-1Î± Promotes Endothelial Colony-Forming Cell Migration Through the Ca²⁺-Dependent Activation of the Extracellular Signal-Regulated Kinase 1/2 and Phosphoinositide 3-Kinase/AKT Pathways. Stem Cells and Development, 2018, 27, 23-34.	2.1	41
56	TRPC3â€mediated Ca²⁺ signals as a promising strategy to boost therapeutic angiogenesis in failing hearts: The role of autologous endothelial colony forming cells. Journal of Cellular Physiology, 2018, 233, 3901-3917.	4.1	29
57	Polychlorinated biphenyls reduce the kinematics contractile properties of embryonic stem cells-derived cardiomyocytes by disrupting their intracellular Ca2+ dynamics. Scientific Reports, 2018, 8, 17909.	3.3	5
58	Automated Intracellular Calcium Profiles Extraction from Endothelial Cells Using Digital Fluorescence Images. International Journal of Molecular Sciences, 2018, 19, 3440.	4.1	3
59	Phosphatidylethanolamine Induces an Antifibrotic Phenotype in Normal Human Lung Fibroblasts and Ameliorates Bleomycin-Induced Lung Fibrosis in Mice. International Journal of Molecular Sciences, 2018, 19, 2758.	4.1	18
60	The role of endothelial colony forming cells in kidney cancerâ€™s pathogenesis, and in resistance to anti-VEGFR agents and mTOR inhibitors: A speculative review. Critical Reviews in Oncology/Hematology, 2018, 132, 89-99.	4.4	24
61	Neuronal Activity-Dependent Activation of Astroglial Calcineurin in Mouse Primary Hippocampal Cultures. International Journal of Molecular Sciences, 2018, 19, 2997.	4.1	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. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 1179-1192.	2.4	12
63	Endothelial Ca2+ Signaling and the Resistance to Anticancer Treatments: Partners in Crime. International Journal of Molecular Sciences, 2018, 19, 217.	4.1	45
64	The Role of Endothelial Ca2+ Signaling in Neurovascular Coupling: A View from the Lumen. International Journal of Molecular Sciences, 2018, 19, 938.	4.1	71
65	Abnormal Regulation of Intracellular Calcium in Human Megakaryocytes Contributes to the Pathophysiology of Calr-Mutant Myeloproliferative Neoplasms. Blood, 2018, 132, 1782-1782.	1.4	1
66	Stim and Orai mediate constitutive Ca2+ entry and control endoplasmic reticulum Ca2+ refilling in primary cultures of colorectal carcinoma cells. Oncotarget, 2018, 9, 31098-31119.	1.8	36
67	Manipulating Intracellular Ca2+ Signals to Stimulate Therapeutic Angiogenesis in Cardiovascular Disorders. Current Pharmaceutical Biotechnology, 2018, 19, 686-699.	1.6	19
68	The Plant Hormone Abscisic Acid Is a Prosurvival Factor in Human and Murine Megakaryocytes. Journal of Biological Chemistry, 2017, 292, 3239-3251.	3.4	16
69	Breast and renal cancerâ€"Derived endothelial colony forming cells share a common gene signature. European Journal of Cancer, 2017, 77, 155-164.	2.8	19
70	A new path to platelet production through matrix sensing. Haematologica, 2017, 102, 1150-1160.	3.5	51
71	Acetylcholine induces intracellular Ca2+ oscillations and nitric oxide release in mouse brain endothelial cells. Cell Calcium, 2017, 66, 33-47.	2.4	65
72	Liposomes as a Putative Tool to Investigate NAADP Signaling in Vasculogenesis. Journal of Cellular Biochemistry, 2017, 118, 3722-3729.	2.6	25

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73	Granular Layer Neurons Control Cerebellar Neurovascular Coupling Through an NMDA Receptor/NO-Dependent System. Journal of Neuroscience, 2017, 37, 1340-1351.	3.6	61
74	VEGF-induced intracellular Ca2+ oscillations are down-regulated and do not stimulate angiogenesis in breast cancer-derived endothelial colony forming cells. Oncotarget, 2017, 8, 95223-95246.	1.8	41
75	Remodelling of the Ca2+ Toolkit in Tumor Endothelium as a Crucial Responsible for the Resistance to Anticancer Therapies. Current Signal Transduction Therapy, 2017, 12, 3-18.	0.5	7
76	Fine structural detection of calcium ions by photoconversion. European Journal of Histochemistry, 2016, 60, 2695.	1.5	7
77	Pathophysiological Significance of Store-Operated Calcium Entry in Megakaryocyte Function: Opening New Paths for Understanding the Role of Calcium in Thrombopoiesis. International Journal of Molecular Sciences, 2016, 17, 2055.	4.1	11
78	Endoplasmic Reticulum Ca²⁺ Handling and Apoptotic Resistance in Tumorâ€Derived Endothelial Colony Forming Cells. Journal of Cellular Biochemistry, 2016, 117, 2260-2271.	2.6	24
79	Constitutive Store-Operated Ca²⁺ Entry Leads to Enhanced Nitric Oxide Production and Proliferation in Infantile Hemangioma-Derived Endothelial Colony-Forming Cells. Stem Cells and Development, 2016, 25, 301-319.	2.1	51
80	Arachidonic acid-evoked Ca2+ signals promote nitric oxide release and proliferation in human endothelial colony forming cells. Vascular Pharmacology, 2016, 87, 159-171.	2.1	51
81	Ca²⁺ Signalling in Endothelial Progenitor Cells: Friend or Foe?. Journal of Cellular Physiology, 2016, 231, 314-327.	4.1	52
82	Generation and usage of aequorin lentiviral vectors for Ca2+ measurement in sub-cellular compartments of hard-to-transfect cells. Cell Calcium, 2016, 59, 228-239.	2.4	27
83	Embryonic Stem Cells for Cardiac Regeneration. Pancreatic Islet Biology, 2016, , 9-29.	0.3	1
84	Differential clinical effects of different mutation subtypes in CALR-mutant myeloproliferative neoplasms. Leukemia, 2016, 30, 431-438.	7.2	216
85	Targeting Stim and Orai Proteins as an Alternative Approach in Anticancer Therapy. Current Medicinal Chemistry, 2016, 23, 3450-3480.	2.4	55
86	Acetylcholine induces nitric oxide production by inducing intracellular Ca2+ oscillations in mouse brain endothelial cells. Vascular Pharmacology, 2015, 75, 70.	2.1	0
87	Stim and Orai proteins in neuronal Ca2+ signaling and excitability. Frontiers in Cellular Neuroscience, 2015, 9, 153.	3.7	135
88	Lung Beractant Increases Free Cytosolic Levels of Ca2+ in Human Lung Fibroblasts. PLoS ONE, 2015, 10, e0134564.	2.5	3
89	Angiogenesis and Vasculogenesis in Health and Disease. BioMed Research International, 2015, 2015, 1-2.	1.9	21
90	Dysregulation of VEGF-induced proangiogenic Ca2+ oscillations in primary myelofibrosis-derived endothelial colony-forming cells. Experimental Hematology, 2015, 43, 1019-1030.e3.	0.4	46

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91	A novel Ca2+-mediated cross-talk between endoplasmic reticulum and acidic organelles: Implications for NAADP-dependent Ca2+ signalling. Cell Calcium, 2015, 57, 89-100.	2.4	78
92	Expression and function of toll-like receptors in human circulating endothelial colony forming cells. Immunology Letters, 2015, 168, 98-104.	2.5	6
93	Endothelial progenitor cells support tumour growth and metastatisation: implications for the resistance to anti-angiogenic therapy. Tumor Biology, 2015, 36, 6603-6614.	1.8	66
94	A Functional Transient Receptor Potential Vanilloid 4 (TRPV4) Channel Is Expressed in Human Endothelial Progenitor Cells. Journal of Cellular Physiology, 2015, 230, 95-104.	4.1	45
95	May the remodeling of the Ca2+ toolkit in endothelial progenitor cells derived from cancer patients suggest alternative targets for anti-angiogenic treatment?. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1958-1973.	4.1	38
96	Intracellular Ca²⁺ Signals to Reconstruct A Broken Heart: Still A Theoretical Approach?. Current Drug Targets, 2015, 16, 793-815.	2.1	26
97	Nitroso-Redox Balance and Modulation of Basal Myocardial Function: An Update from the Italian Society of Cardiovascular Research (SIRC). Current Drug Targets, 2015, 16, 895-903.	2.1	25
98	Ca²⁺ Signalling in Endothelial Progenitor Cells: A Novel Means to Improve Cell-Based Therapy and Impair Tumour Vascularisation. Current Vascular Pharmacology, 2014, 12, 87-105.	1.7	61
99	Store-Operated Ca2+Entry Does Not Control Proliferation in Primary Cultures of Human Metastatic Renal Cellular Carcinoma. BioMed Research International, 2014, 2014, 1-19.	1.9	51
100	The importance of calcium in the regulation of megakaryocyte function. Haematologica, 2014, 99, 769-778.	3.5	61
101	Hydrogen sulphide triggers VEGF-induced intracellular Ca2+ signals in human endothelial cells but not in their immature progenitors. Cell Calcium, 2014, 56, 225-234.	2.4	59
102	Enhanced Expression of Stim, Orai, and TRPC Transcripts and Proteins in Endothelial Progenitor Cells Isolated from Patients with Primary Myelofibrosis. PLoS ONE, 2014, 9, e91099.	2.5	60
103	Hydrogen Sulfide and Endothelial Dysfunction: Relationship with Nitric Oxide. Current Medicinal Chemistry, 2014, 21, 3646-3661.	2.4	71
104	Endothelial Remodelling and Intracellular Calcium Machinery. Current Molecular Medicine, 2014, 14, 457-480.	1.3	72
105	Orai1 and Transient Receptor Potential Channels as Novel Molecular Targets to Impair Tumor Neovascularization in Renal Cell Carcinoma and other Malignancies. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 296-312.	1.7	46
106	How to utilize Ca2+signals to rejuvenate the repairative phenotype of senescent endothelial progenitor cells in elderly patients affected by cardiovascular diseases: a useful therapeutic support of surgical approach?. BMC Surgery, 2013, 13, S46.	1.3	44
107	Ca2+-dependent nitric oxide release in the injured endothelium of excised rat aorta: a promising mechanism applying in vascular prosthetic devices in aging patients. BMC Surgery, 2013, 13, S40.	1.3	49
108	Canonical Transient Receptor Potential 3 Channel Triggers Vascular Endothelial Growth Factor-Induced Intracellular Ca²⁺Oscillations in Endothelial Progenitor Cells Isolated from Umbilical Cord Blood. Stem Cells and Development, 2013, 22, 2561-2580.	2.1	74

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109	Hydrogen sulfide as a regulator of calcium channels. Cell Calcium, 2013, 53, 77-84.	2.4	61
110	Sperm-attractant peptide influences the spermatozoa swimming behavior in internal fertilization in Octopus vulgaris. Journal of Experimental Biology, 2013, 216, 2229-2237.	1.7	24
111	Store-Dependent Ca2+ Entry in Endothelial Progenitor Cells As a Perspective Tool to Enhance Cell-Based Therapy and Adverse Tumour Vascularization. Current Medicinal Chemistry, 2012, 19, 5802-5818.	2.4	108
112	Hematopoietic Progenitor and Stem Cells Circulate by Surfing on Intracellular Ca2+ Waves: A Novel Target for Cell-based Therapy and Anti-cancer Treatment?. Current Signal Transduction Therapy, 2012, 7, 161-176.	0.5	41
113	The Mechanism of Injury-Induced Intracellular Calcium Concentration Oscillations in the Endothelium of Excised Rat Aorta. Journal of Vascular Research, 2012, 49, 65-76.	1.4	44
114	Ca2+ Signalling in Damaged Endothelium and Arterial Remodelling: Do Connexin Hemichannels Provide a Suitable Target to Prevent In-stent Restenosis?. Current Drug Therapy, 2012, 7, 268-280.	0.3	4
115	Characterization of Novel Cytoplasmic PARP in the Brain of Octopus vulgaris. Biological Bulletin, 2012, 222, 176-181.	1.8	13
116	Store-Operated Ca2+ Entry Is Remodelled and Controls In Vitro Angiogenesis in Endothelial Progenitor Cells Isolated from Tumoral Patients. PLoS ONE, 2012, 7, e42541.	2.5	121
117	Update on vascular endothelial Ca²⁺signalling: A tale of ion channels, pumps and transporters. World Journal of Biological Chemistry, 2012, 3, 127.	4.3	105
118	Hydrogen Sulfide Regulates Intracellular Ca2+ Concentration in Endothelial Cells From Excised Rat Aorta. Current Pharmaceutical Biotechnology, 2011, 12, 1416-1426.	1.6	53
119	Hydrogen sulfide promotes calcium signals and migration in tumor-derived endothelial cells. Free Radical Biology and Medicine, 2011, 51, 1765-1773.	2.9	83
120	Vascular Endothelial Growth Factor Stimulates Endothelial Colony Forming Cells Proliferation and Tubulogenesis by Inducing Oscillations in Intracellular Ca2+ Concentration. Stem Cells, 2011, 29, 1898-1907.	3.2	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. Current Pharmaceutical Biotechnology, 2011, 12, 1406-1415.	1.6	39
122	Store-Operated Ca²⁺ Entry Is Expressed in Human Endothelial Progenitor Cells. Stem Cells and Development, 2010, 19, 1967-1981.	2.1	104
123	Ca2+ Signalling in Damaged Endothelium: Do Connexin Hemichannels Aid in Filling the Gap?. Current Drug Therapy, 2010, 5, 277-287.	0.3	10
124	Na+â€“Ca2+ exchanger contributes to Ca2+extrusion in ATP-stimulated endothelium of intact rat aorta. Biochemical and Biophysical Research Communications, 2010, 395, 126-130.	2.1	16
125	Cardiac Microvascular Endothelial Cells Express a Functional Ca²⁺-Sensing Receptor. Journal of Vascular Research, 2009, 46, 73-82.	1.4	29
126	GABAA- and AMPA-like receptors modulate the activity of an identified neuron within the central pattern generator of the pond snail Lymnaea stagnalis. Invertebrate Neuroscience, 2009, 9, 29-41.	1.8	9

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127	Lost in phototransduction a few facts and hypotheses on cephalopod photoresponse. Frontiers in Bioscience - Scholar, 2009, S1, 319-328.	2.1	4
128	Ca2+ signaling in injured in situ endothelium of rat aorta. Cell Calcium, 2008, 44, 298-309.	2.4	45
129	Preâ€•and postsynaptic excitation and inhibition at octopus optic lobe photoreceptor terminals; implications for the function of the â€˜presynaptic bagsâ€™. European Journal of Neuroscience, 2007, 26, 2196-2203.	2.6	14
130	Latrunculin A depolarizes starfish oocytes. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, 845-852.	1.8	11
131	NAADP and InsP3 play distinct roles at fertilization in starfish oocytes. Developmental Biology, 2006, 294, 24-38.	2.0	44
132	Pharmacological characterization of NAADP-induced Ca2+ signals in starfish oocytes. Biochemical and Biophysical Research Communications, 2006, 348, 329-336.	2.1	31
133	Calcium and fertilization: the beginning of life. Trends in Biochemical Sciences, 2004, 29, 400-408.	7.5	99
134	Calcium and fertilization: the beginning of life. Trends in Biochemical Sciences, 2004, 29, 571.	7.5	0
135	NAADP triggers the fertilization potential in starfish oocytes. Cell Calcium, 2004, 36, 515-524.	2.4	52
136	Ca2+ signalling and membrane current activated by cADPr in starfish oocytes. Pflugers Archiv European Journal of Physiology, 2003, 446, 541-552.	2.8	17
137	Epidermal growth factor induces intracellular Ca2 oscillations in microvascular endothelial cells. Journal of Cellular Physiology, 2003, 194, 139-150.	4.1	57
138	The M-phase-promoting Factor Modulates the Sensitivity of the Ca2+ Stores to Inositol 1,4,5-Trisphosphate via the Actin Cytoskeleton. Journal of Biological Chemistry, 2003, 278, 42505-42514.	3.4	44
139	NAADP activates a Ca 2+ current that is dependent on Fâ€actin cytoskeleton. FASEB Journal, 2003, 17, 1-20.	0.5	62
140	Ca2+ uptake by the endoplasmic reticulum Ca2+-ATPase in rat microvascular endothelial cells. Biochemical Journal, 2002, 364, 235-244.	3.7	47
141	Basal Nonselective Cation Permeability in Rat Cardiac Microvascular Endothelial Cells. Microvascular Research, 2002, 64, 187-197.	2.5	14
142	P2Y1 and P2Y2 Receptor-Operated Ca2+ Signals in Primary Cultures of Cardiac Microvascular Endothelial Cells. Microvascular Research, 2001, 61, 240-252.	2.5	44
143	Flow-activated Na+and K+Current in Cardiac Microvascular Endothelial Cells. Journal of Molecular and Cellular Cardiology, 2000, 32, 1589-1593.	1.9	16
144	NEUROVASCULAR COUPLING IN THE CEREBELLAR GRANULAR LAYER. Frontiers in Cellular Neuroscience, 0, 11, .	3.7	0