Martin D Bootman

List of Publications by Year
in descending order

145 papers	25,767 citations	17429 63 h-index	9854 141 g-index
151 all docs	151 docs citations	151 times ranked	24193 citing authors

#	Article	IF	Citations
1	The versatility and universality of calcium signalling. Nature Reviews Molecular Cell Biology, 2000, 1, 11-21.	16.1	4,933
2	Calcium signalling: dynamics, homeostasis and remodelling. Nature Reviews Molecular Cell Biology, 2003, 4, 517-529.	16.1	4,720
3	Calcium - a life and death signal. Nature, 1998, 395, 645-648.	13.7	1,951
4	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (edition	4.3	1,430
5	2â€Aminoethoxydiphenyl borate (2â€APB) is a reliable blocker of storeâ€operated Ca2+entry but an inconsistent inhibitor of InsP3â€induced Ca2+release. FASEB Journal, 2002, 16, 1145-1150.	0.2	668
6	Mitochondria are morphologically and functionally heterogeneous within cells. EMBO Journal, 2002, 21, 1616-1627.	3.5	490
7	The elemental principles of calcium signaling. Cell, 1995, 83, 675-678.	13.5	456
8	Calcium signallingâ€"an overview. Seminars in Cell and Developmental Biology, 2001, 12, 3-10.	2.3	423
9	The organisation and functions of local Ca2+ signals. Journal of Cell Science, 2001, 114, 2213-2222.	1.2	391
10	A comparison of fluorescent Ca2+indicator properties and their use in measuring elementary and global Ca2+signals. Cell Calcium, 2000, 28, 213-223.	1.1	371
11	Bcl-2 functionally interacts with inositol 1,4,5-trisphosphate receptors to regulate calcium release from the ER in response to inositol 1,4,5-trisphosphate. Journal of Cell Biology, 2004, 166, 193-203.	2.3	366
12	Cooking with Calcium: The Recipes for Composing Global Signals from Elementary Events. Cell, 1997, 91, 367-373.	13.5	359
13	Calcium Phosphate Crystals Induce Cell Death in Human Vascular Smooth Muscle Cells. Circulation Research, 2008, 103, e28-34.	2.0	280
14	Calcium Signalling: More Messengers, More Channels, More Complexity. Current Biology, 2002, 12, R563-R565.	1.8	261
15	The BH4 domain of Bcl-2 inhibits ER calcium release and apoptosis by binding the regulatory and coupling domain of the IP3 receptor. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14397-14402.	3.3	258
16	2-Aminoethoxydiphenyl borate (2-APB) antagonises inositol 1,4,5-trisphosphate-induced calcium release, inhibits calcium pumps and has a use-dependent and slowly reversible action on store-operated calcium entry channels. Cell Calcium, 2003, 34, 97-108.	1.1	248
17	Phosphorylation of inositol 1,4,5-trisphosphate receptors by protein kinase B/Akt inhibits Ca ‹sup›2+‹/sup› release and apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2427-2432.	3.3	238
18	Functional InsP3 receptors that may modulate excitationâ€"contraction coupling in the heart. Current Biology, 2000, 10, 939-S1.	1.8	229

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19	Targeting Bcl-2-IP3 Receptor Interaction to Reverse Bcl-2's Inhibition of Apoptotic Calcium Signals. Molecular Cell, 2008, 31, 255-265.	4.5	225
20	Fluorescence Microscopy. Cold Spring Harbor Protocols, 2014, 2014, pdb.top071795.	0.2	216
21	Calcium Signaling in Cardiac Myocytes. Cold Spring Harbor Perspectives in Biology, 2011, 3, a004242-a004242.	2.3	206
22	The role of inositol 1,4,5â€trisphosphate receptors in Ca 2+ signalling and the generation of arrhythmias in rat atrial myocytes. Journal of Physiology, 2002, 541, 395-409.	1.3	202
23	The regulation of autophagy by calcium signals: Do we have a consensus?. Cell Calcium, 2018, 70, 32-46.	1.1	189
24	SIGNAL TRANSDUCTION:The Calcium Entry Pas de Deux. Science, 2000, 287, 1604-1605.	6.0	182
25	An update on nuclear calcium signalling. Journal of Cell Science, 2009, 122, 2337-2350.	1.2	180
26	Emerging roles of inositol 1,4,5-trisphosphate signaling in cardiac myocytes. Journal of Molecular and Cellular Cardiology, 2008, 45, 128-147.	0.9	177
27	Nuclear calcium signalling by individual cytoplasmic calcium puffs. EMBO Journal, 1997, 16, 7166-7173.	3.5	168
28	Mitochondrial Ca2+ Uptake Depends on the Spatial and Temporal Profile of Cytosolic Ca2+ Signals. Journal of Biological Chemistry, 2001, 276, 26411-26420.	1.6	167
29	XTRPC1-dependent chemotropic guidance of neuronal growth cones. Nature Neuroscience, 2005, 8, 730-735.	7.1	151
30	Expression and Function of Ryanodine Receptors in Nonexcitable Cells. Journal of Biological Chemistry, 1996, 271, 6356-6362.	1.6	149
31	Regulation of InsP3 receptor activity by neuronal Ca2+-binding proteins. EMBO Journal, 2004, 23, 312-321.	3.5	149
32	Calcium signalling. Current Biology, 1999, 9, R157-R159.	1.8	143
33	Characterization of Elementary Ca2+ Release Signals in NGF-Differentiated PC12 Cells and Hippocampal Neurons. Neuron, 1999, 22, 125-137.	3.8	143
34	Second Messengers. Cold Spring Harbor Perspectives in Biology, 2016, 8, a005926.	2.3	138
35	The spatial pattern of atrial cardiomyocyte calcium signalling modulates contraction. Journal of Cell Science, 2004, 117, 6327-6337.	1.2	137
36	Rat basophiliv leukemia cells as model system for inositol 1,4,5-trisphosphate receptor IV, a receptor of the type II family: functional comparison and immunological detection. Cell Calcium, 1995, 17, 239-249.	1.1	132

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37	Calcium signalling during excitation-contraction coupling in mammalian atrial myocytes. Journal of Cell Science, 2006, 119, 3915-3925.	1.2	132
38	Endothelin-1-Stimulated InsP3-Induced Ca2+ Release Is a Nexus for Hypertrophic Signaling in Cardiac Myocytes. Molecular Cell, 2009, 33, 472-482.	4.5	130
39	Predetermined recruitment of calcium release sites underlies excitationâ€contraction coupling in rat atrial myocytes. Journal of Physiology, 2001, 530, 417-429.	1.3	127
40	Calcium Signaling. Cold Spring Harbor Perspectives in Biology, 2012, 4, a011171-a011171.	2.3	122
41	Local and Global Spontaneous Calcium Events Regulate Neurite Outgrowth and Onset of GABAergic Phenotype during Neural Precursor Differentiation. Journal of Neuroscience, 2003, 23, 103-111.	1.7	116
42	Allâ€orâ€nothing Ca2+ mobilization from the intracellular stores of single histamineâ€stimulated HeLa cells.. Journal of Physiology, 1992, 450, 163-178.	1.3	115
43	Fundamentals of Cellular Calcium Signaling: A Primer. Cold Spring Harbor Perspectives in Biology, 2020, 12, a038802.	2.3	115
44	Increased InsP ₃ Rs in the junctional sarcoplasmic reticulum augment Ca ²⁺ transients and arrhythmias associated with cardiac hypertrophy. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11406-11411.	3.3	114
45	Cell Signalling: IP3 Receptors Channel Calcium into Cell Death. Current Biology, 2004, 14, R933-R935.	1.8	113
46	Inositol 1,4,5-trisphosphate supports the arrhythmogenic action of endothelin-1 on ventricular cardiac myocytes. Journal of Cell Science, 2006, 119, 3363-3375.	1.2	109
47	Calcium-induced calcium release. Current Biology, 2003, 13, R425.	1.8	107
48	Calcium puffs are generic InsP3-activated elementary calcium signals and are downregulated by prolonged hormonal stimulation to inhibit cellular calcium responses. Journal of Cell Science, 2001, 114, 3979-3989.	1.2	107
49	Microscopic properties of elementary Ca2+ release sites in non-excitable cells. Current Biology, 2000, 10, 8-15.	1.8	103
50	Mitochondria are morphologically heterogeneous within cells. Journal of Experimental Biology, 2003, 206, 1993-2000.	0.8	103
51	Subcellular Ca2+ signals underlying waves and graded responses in HeLa cells. Current Biology, 1996, 6, 855-865.	1.8	100
52	Ca²⁺-Sensitive Fluorescent Dyes and Intracellular Ca²⁺ Imaging. Cold Spring Harbor Protocols, 2013, 2013, pdb.top066050.	0.2	98
53	Comparison of the T-tubule system in adult rat ventricular and atrial myocytes, and its role in excitationâ€“contraction coupling and inotropic stimulation. Cell Calcium, 2010, 47, 210-223.	1.1	97
54	The Proapoptotic Factors Bax and Bak Regulate T Cell Proliferation through Control of Endoplasmic Reticulum Ca2+ Homeostasis. Immunity, 2007, 27, 268-280.	6.6	92

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55	Bcl-2 suppresses Ca2+ release through inositol 1,4,5-trisphosphate receptors and inhibits Ca2+ uptake by mitochondria without affecting ER calcium store content. Cell Calcium, 2008, 44, 324-338.	1.1	92
56	Hormone-evoked Elementary Ca2+ Signals Are Not Stereotypic, but Reflect Activation of Different Size Channel Clusters and Variable Recruitment of Channels within a Cluster. Journal of Biological Chemistry, 1998, 273, 27130-27136.	1.6	84
57	Atrial cardiomyocyte calcium signalling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 922-934.	1.9	84
58	Mechanisms Underlying the Neuronal Calcium Sensor-1-evoked Enhancement of Exocytosis in PC12 Cells. Journal of Biological Chemistry, 2002, 277, 30315-30324.	1.6	83
59	Mutual antagonism between IP3RII and miRNA-133a regulates calcium signals and cardiac hypertrophy. Journal of Cell Biology, 2012, 199, 783-798.	2.3	80
60	Bcl-2 interaction with the inositol 1,4,5-trisphosphate receptor: Role in Ca2+ signaling and disease. Cell Calcium, 2011, 50, 234-241.	1.1	79
61	CAPRI and RASAL impose different modes of information processing on Ras due to contrasting temporal filtering of Ca2+. Journal of Cell Biology, 2005, 170, 183-190.	2.3	74
62	Constitutive IP3 signaling underlies the sensitivity of B-cell cancers to the Bcl-2/IP3 receptor disruptor BIRD-2. Cell Death and Differentiation, 2019, 26, 531-547.	5.0	69
63	The effect of heparin on the inositol 1,4,5-trisphosphate receptor in rat liver microsomes Dependence on sulphate content and chain length. FEBS Letters, 1989, 252, 105-108.	1.3	65
64	Inositol 1,4,5-trisphosphate-induced Ca2+ release is inhibited by mitochondrial depolarization. Biochemical Journal, 2000, 347, 593-600.	1.7	65
65	Oncogenic K-Ras suppresses IP3-dependent Ca2+ release through remodeling of IP3Rs isoform composition and ER luminal Ca2+ levels in colorectal cancer cell lines. Journal of Cell Science, 2014, 127, 1607-19.	1.2	63
66	Fetuin-A and Albumin Alter Cytotoxic Effects of Calcium Phosphate Nanoparticles on Human Vascular Smooth Muscle Cells. PLoS ONE, 2014, 9, e97565.	1.1	62
67	Lysophosphatidic Acid-induced Ca2+ Mobilization Requires Intracellular Sphingosine 1-Phosphate Production. Journal of Biological Chemistry, 2000, 275, 38532-38539.	1.6	61
68	Subcellular calcium dynamics in a whole-cell model of an atrial myocyte. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2150-2155.	3.3	60
69	RyR1 and RyR3 isoforms provide distinct intracellular Ca2+signals in HEK 293 cells. Journal of Cell Science, 2002, 115, 2497-2504.	1.2	57
70	Regulation of Ryanodine Receptor Opening by Lumenal Ca2+ Underlies Quantal Ca2+ Release in PC12 Cells. Journal of Biological Chemistry, 1999, 274, 33327-33333.	1.6	53
71	The endoplasmic reticulum is a focal point for co-ordination of cellular activity. Cell Calcium, 2002, 32, 231-234.	1.1	50
72	Glucocorticoid-mediated Inhibition of Lck Modulates the Pattern of T Cell Receptor-induced Calcium Signals by Down-regulating Inositol 1,4,5-Trisphosphate Receptors. Journal of Biological Chemistry, 2009, 284, 31860-31871.	1.6	46

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73	RyR1 and RyR3 isoforms provide distinct intracellular Ca2+ signals in HEK 293 cells. Journal of Cell Science, 2002, 115, 2497-504.	1.2	45
74	Inositol 1,4,5-trisphosphate-induced Ca2+ release is inhibited by mitochondrial depolarization. Biochemical Journal, 2000, 347, 593.	1.7	43
75	DAPP1 undergoes a PI 3-kinase-dependent cycle of plasma-membrane recruitment and endocytosis upon cell stimulation. Current Biology, 2000, 10, 1403-1412.	1.8	43
76	Critical Role of Phospholipase CÎ³1 in the Generation of H2O2-evoked [Ca2+] Oscillations in Cultured Rat Cortical Astrocytes. Journal of Biological Chemistry, 2006, 281, 13057-13067.	1.6	43
77	Exposure to GSM RF Fields Does Not Affect Calcium Homeostasis in Human Endothelial Cells, Rat Pheocromocytoma Cells or Rat Hippocampal Neurons. PLoS ONE, 2010, 5, e11828.	1.1	42
78	Intra-axonal calcium changes after axotomy in wild-type and slow Wallerian degeneration axons. Neuroscience, 2012, 225, 44-54.	1.1	41
79	Exosomes bind autotaxin and act as a physiological delivery mechanism to stimulate LPA receptor signalling in cells. Journal of Cell Science, 2016, 129, 3948-3957.	1.2	41
80	Calcium Oscillations. Advances in Experimental Medicine and Biology, 2008, 641, 1-27.	0.8	40
81	Deleterious effects of calcium indicators within cells; an inconvenient truth. Cell Calcium, 2018, 73, 82-87.	1.1	39
82	Intracellular Calcium: Questions about quantal Ca2+release. Current Biology, 1994, 4, 169-172.	1.8	38
83	Quantal Ca2+ release from InsP3-sensitive intracellular Ca2+ stores. Molecular and Cellular Endocrinology, 1994, 98, 157-166.	1.6	38
84	Calmidazolium and arachidonate activate a calcium entry pathway that is distinct from store-operated calcium influx in HeLa cells. Biochemical Journal, 2004, 381, 929-939.	1.7	38
85	The cellular concentration of Bcl-2 determines its pro- or anti-apoptotic effect. Cell Calcium, 2008, 44, 243-258.	1.1	38
86	Alzheimer's disease-associated peptide AÎ²42 mobilizes ER Ca2+ via InsP3R-dependent and -independent mechanisms. Frontiers in Molecular Neuroscience, 2013, 6, 36.	1.4	37
87	Calcium signalling: Ringing changes to the â€˜bell-shaped curveâ€™. Current Biology, 1999, 9, R876-R878.	1.8	36
88	Molecular cloning and immunolocalization of a novel vertebrate trp homologue from Xenopus. Biochemical Journal, 1999, 340, 593-599.	1.7	36
89	Melatonin triggers PKA activation in the rodent malaria parasite Plasmodium chabaudi. Journal of Pineal Research, 2011, 50, 64-70.	3.4	35
90	Calcium phosphate particles stimulate interleukin-1Î² release from human vascular smooth muscle cells: A role for spleen tyrosine kinase and exosome release. Journal of Molecular and Cellular Cardiology, 2018, 115, 82-93.	0.9	35

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91	Elevated InsP₃R expression underlies enhanced calcium fluxes and spontaneous extra-systolic calcium release events in hypertrophic cardiac myocytes. Channels, 2010, 4, 67-71.	1.5	33
92	Basal ryanodine receptor activity suppresses autophagic flux. Biochemical Pharmacology, 2017, 132, 133-142.	2.0	31
93	Defective chemoattractant-induced calcium signalling in S100A9 null neutrophils. Cell Calcium, 2007, 41, 107-121.	1.1	28
94	Temporal changes in atrial EC-coupling during prolonged stimulation with endothelin-1. Cell Calcium, 2007, 42, 489-501.	1.1	28
95	Activating calcium release through inositol 1,4,5-trisphosphate receptors without inositol 1,4,5-trisphosphate. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7320-7322.	3.3	24
96	Calcium in the heart: when it's good, it's very very good, but when it's bad, it's horrid. Biochemical Society Transactions, 2007, 35, 957-961.	1.6	24
97	Inositol 1,4,5-trisphosphate receptors in the heart. Biological Research, 2004, 37, 553-7.	1.5	24
98	Creating a New Cancer Therapeutic Agent by Targeting the Interaction between Bcl-2 and IP₃Receptors. Cold Spring Harbor Perspectives in Biology, 2019, 11, a035196.	2.3	23
99	Elementary [Ca²⁺]_isignals generated by electroporation functionally mimic those evoked by hormonal stimulation. FASEB Journal, 1999, 13, 365-376.	0.2	22
100	Non-immortalized human neural stem (NS) cells as a scalable platform for cellular assays. Neurochemistry International, 2011, 59, 432-444.	1.9	22
101	Pacemaking, arrhythmias, inotropy and hypertrophy: the many possible facets of IP3signalling in cardiac myocytes. Journal of Physiology, 2007, 581, 883-884.	1.3	21
102	Oncogenic KRAS suppresses store-operated Ca 2+ entry and I CRAC through ERK pathway-dependent remodelling of STIM expression in colorectal cancer cell lines. Cell Calcium, 2018, 72, 70-80.	1.1	20
103	Molecular cloning and immunolocalization of a novel vertebrate trp homologue from Xenopus. Biochemical Journal, 1999, 340, 593.	1.7	19
104	Contractile responses to endothelin-1 are regulated by PKC phosphorylation of cardiac myosin binding protein-C in rat ventricular myocytes. Journal of Molecular and Cellular Cardiology, 2018, 117, 1-18.	0.9	19
105	Co-incident signalling between Î¼-opioid and M3 muscarinic receptors at the level of Ca2+ release from intracellular stores: lack of evidence for Ins(1,4,5)P3 receptor sensitization. Biochemical Journal, 2003, 375, 713-720.	1.7	18
106	Tissue Specificity: Store-Operated Ca2+ Entry in Cardiac Myocytes. Advances in Experimental Medicine and Biology, 2017, 993, 363-387.	0.8	18
107	Cardiac pathology in neuronal ceroid lipofuscinoses (NCL): More than a mere co-morbidity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165643.	1.8	18
108	Synthesis and Biological Action of Novel 4-Position-Modified Derivatives ofd-myo-Inositol 1,4,5-Trisphosphate. Journal of Organic Chemistry, 2007, 72, 5647-5659.	1.7	17

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109	Interaction between store-operated and arachidonate-activated calcium entry. Cell Calcium, 2007, 41, 1-12.	1.1	17
110	Prognostic relevance of a T-type calcium channels gene signature in solid tumours: A correlation ready for clinical validation. PLoS ONE, 2017, 12, e0182818.	1.1	17
111	Hormone-evoked subcellular Ca2+ signals in HeLa cells. Cell Calcium, 1996, 20, 97-104.	1.1	16
112	Slow kinetics of InsP3-induced Ca2+release: differences between uni- and bi-directional 45Ca2+ fluxes. Cell Calcium, 1995, 18, 100-110.	1.1	14
113	Methacholine and PDGF activate store-operated calcium entry in neuronal precursor cells via distinct calcium entry channels. Biological Research, 2008, 41, 183-95.	1.5	14
114	Tâ€type calcium channels drive the proliferation of androgenâ€receptor negative prostate cancer cells. Prostate, 2019, 79, 1580-1586.	1.2	14
115	Two sulphonated dye compounds which compete for inositol 1,4,5-trisphosphate binding to rat liver microsomes: Effects on 5â€²-phosphatase activity. Biochemical and Biophysical Research Communications, 1990, 166, 1334-1339.	1.0	13
116	Redoxing Calcium from the ER. Cell, 2005, 120, 4-5.	13.5	13
117	Loading Fluorescent Ca²⁺ Indicators into Living Cells. Cold Spring Harbor Protocols, 2013, 2013, pdb.prot072801.	0.2	13
118	The Synthesis of Membrane Permeant Derivatives of myo-Inositol 1,4,5-Trisphosphate. Australian Journal of Chemistry, 2006, 59, 887.	0.5	12
119	Why, where, and when do cardiac myocytes express inositol 1,4,5-trisphosphate receptors?. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H579-H581.	1.5	12
120	Spontaneous, Pro-Arrhythmic Calcium Signals Disrupt Electrical Pacing in Mouse Pulmonary Vein Sleeve Cells. PLoS ONE, 2014, 9, e88649.	1.1	12
121	Calcium Influx: Is Homer the Missing Link?. Current Biology, 2003, 13, R976-R978.	1.8	11
122	Converting Fluorescence Data into Ca²⁺ Concentration. Cold Spring Harbor Protocols, 2013, 2013, pdb.prot072827.	0.2	10
123	Normal Ca2+ signalling in glutathione-depleted and dithiothreitol-treated HeLa cells. Pflugers Archiv European Journal of Physiology, 1993, 423, 480-484.	1.3	9
124	The JAK3 inhibitor WHI-P154 prevents PDGF-evoked process outgrowth in human neural precursor cells. Journal of Neurochemistry, 2006, 97, 201-210.	2.1	9
125	A non-canonical role for pyruvate kinase M2 as a functional modulator of Ca2+ signalling through IP3 receptors. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119206.	1.9	9
126	Using Calcium Imaging as a Readout of GPCR Activation. Methods in Molecular Biology, 2011, 746, 277-296.	0.4	8

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127	Vasopressin responses in electrically coupled A7r5 cells. Pflugers Archiv European Journal of Physiology, 1994, 428, 283-287.	1.3	7
128	Calcium-Modulating Cyclophilin Ligand Desensitizes Hormone-Evoked Calcium Release. Biochemical and Biophysical Research Communications, 2000, 276, 97-100.	1.0	7
129	Persistence of Pro-Arrhythmic Spatio-Temporal Calcium Patterns in Atrial Myocytes: A Computational Study of Ping Waves. Frontiers in Physiology, 2012, 3, 279.	1.3	7
130	Dynamic imaging of calcium and STIM1 in the same cell using wide-field and TIRF microscopy. BioTechniques, 2008, 45, 347-348.	0.8	6
131	Pulmonary vein sleeve cell excitationâ€“contraction-coupling becomes dysynchronized by spontaneous calcium transients. Biochemical Society Transactions, 2015, 43, 410-416.	1.6	6
132	Intracellular Calcium Signaling. , 2010, , 937-942.		5
133	Calcification stimulates inflammatory signalling pathways in human vascular smooth muscle cells. Atherosclerosis, 2016, 244, e9-e10.	0.4	4
134	Examining Cardiomyocyte Dysfunction Using Acute Chemical Induction of an Ageing Phenotype. International Journal of Molecular Sciences, 2020, 21, 197.	1.8	4
135	Effect of inositol tetrakisphosphates on inositol 1,4,5-trisphosphate binding to rat liver microsomes. Biochemical Society Transactions, 1988, 16, 593-593.	1.6	2
136	Which Ca2+channels control cardiac E-C coupling?. Journal of Physiology, 1998, 508, 331-331.	1.3	2
137	A tribute to Professor Sir Michael J. Berridge FRS (1938â€“2020). Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119014.	1.9	2
138	High-resolution Confocal Imaging of Elementary Ca2+ Signals in Living Cells. , 1999, , 337-343.		2
139	Intracellular Calcium Signaling. , 2003, , 51-56.		1
140	New Ca2+ Indicator has Freedom to Express. Chemistry and Biology, 2006, 13, 463-464.	6.2	1
141	Atrial myocytes demonstrate the diversity of cardiac calcium signalling. Channels, 2015, 9, 219-220.	1.5	1
142	Professor Sir Michael Berridge FRS (1938â€“2020). Current Biology, 2020, 30, R374-R376.	1.8	1
143	Mutual antagonism between IP3RII and miRNA-133a regulates calcium signals and cardiac hypertrophy. Journal of General Physiology, 2013, 141, i1-i1.	0.9	1
144	Cell signalling. Trends in Pharmacological Sciences, 1990, 11, 300.	4.0	0

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145	The Endoplasmic Reticulum: A Central Player in Cell Signalling and Protein Synthesis. Lecture Notes in Physics, 0, , 17-35.	0.3	0