

# Ernst Niggli

## List of Publications by Year in descending order

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125  
papers

4,232  
citations

101543

36  
h-index

114465

63  
g-index

126  
all docs

126  
docs citations

126  
times ranked

3475  
citing authors

#	ARTICLE	IF	CITATIONS
1	The yin and yang of intracellular delivery of amphipathic optical probes using <i>n</i> -butyl charge masking. <i>Chemical Communications</i> , 2022, 58, 2826-2829.	4.1	0
2	Uptake-leak balance of SR Ca <sup>2+</sup> determines arrhythmogenic potential of RyR2R420Q+/ $\beta$ cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, , .	1.9	5
3	Impaired Binding to Junctophilin-2 and Nanostructural Alteration in CPVT Mutation. <i>Circulation Research</i> , 2021, 129, e35-e52.	4.5	19
4	Local recovery of cardiac calcium $\alpha$ -induced calcium release interrogated by ultra $\alpha$ -effective, two $\alpha$ -photon uncaging of calcium. <i>Journal of Physiology</i> , 2021, 599, 3841-3852.	2.9	7
5	SERCA Stimulation Triggers Arrhythmogenic Ca <sup>2+</sup> Events in Mouse Cardiomyocytes Harboring the RyR2R420Q+/- Mutation. <i>Biophysical Journal</i> , 2020, 118, 254a.	0.5	1
6	$\beta$ -adrenergic receptors in cardiac muscle: it takes two to tango. <i>Cardiovascular Research</i> , 2020, 116, 2033-2035.	3.8	1
7	Activation of endogenous protein phosphatase 1 enhances the calcium sensitivity of the ryanodine receptor type 2 in murine ventricular cardiomyocytes. <i>Journal of Physiology</i> , 2020, 598, 1131-1150.	2.9	11
8	Simultaneous Recording of Subcellular Ca <sup>2+</sup> Signals from the Cytosol and Sarco/Endoplasmic Reticulum: Compartmentalized Dye Loading, Imaging, and Analysis. <i>Methods in Molecular Biology</i> , 2019, 1929, 53-71.	0.9	0
9	Activation of Endogenous PP1 Enhances Calcium Spark Activity in Wild Type Cardiomyocytes. <i>Biophysical Journal</i> , 2019, 116, 384a-385a.	0.5	0
10	Automatic Detection and Classification of Ca <sup>2+</sup> Release Events in Line- and Frame-Scan Images. <i>Biophysical Journal</i> , 2019, 116, 383-394.	0.5	18
11	Phosphorylation of the ryanodine receptor 2 at serine 2030 is required for a complete $\beta$ -adrenergic response. <i>Journal of General Physiology</i> , 2019, 151, 131-145.	1.9	38
12	Stabilization of Ca <sup>2+</sup> signaling in cardiac muscle by stimulation of SERCA. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 119, 87-95.	1.9	26
13	Dual Ablation of the RYR2-S2808 and RYR2-S2814 Sites Increases Propensity for Pro-arrhythmic Spontaneous Calcium Releases. <i>Biophysical Journal</i> , 2018, 114, 116a.	0.5	0
14	Reassessment of the Transport Mechanism of the Human Zinc Transporter SLC39A2. <i>Biochemistry</i> , 2018, 57, 3976-3986.	2.5	22
15	The RyR2R420Q Mutation Triggers Catecholaminergic Polymorphic Ventricular Tachycardia in Mouse Cardiomyocytes via SR Calcium Loading. <i>Biophysical Journal</i> , 2018, 114, 116a.	0.5	0
16	Caged Compounds: Applications in Cardiac Muscle Research. , 2018, , 75-95.		0
17	Functional Effects of the RyR 2 R420Q Catecholaminergic Ventricular Polymorphic Tachycardia in Mouse Cardiomyocytes. <i>Biophysical Journal</i> , 2017, 112, 94a.	0.5	0
18	Bacopa monnieri extract increases rat coronary flow and protects against myocardial ischemia/reperfusion injury. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 117.	3.7	15

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19	Ablation of the RyR2-Ser2030 Phosphorylation Site Limits Changes in RyR2 Sensitivity during $\beta$ -Adrenergic Stimulation. <i>Biophysical Journal</i> , 2017, 112, 541a-542a.	0.5	0
20	Local Recovery of CICR Probed by Ultra-Effective Calcium Uncaging. <i>Biophysical Journal</i> , 2017, 112, 231a.	0.5	0
21	Cardiomyocyte Lineage Specification in Adult Human Cardiac Precursor Cells Via Modulation of Enhancer-Associated Long Noncoding RNA Expression. <i>JACC Basic To Translational Science</i> , 2016, 1, 472-493.	4.1	33
22	Protein Phosphatase-1 Increases Calcium Spark Frequency in Murine Cardiomyocytes via Modulation of RyR2 Phosphorylation. <i>Biophysical Journal</i> , 2016, 110, 269a-270a.	0.5	0
23	Real-time intra-store confocal $Ca^{2+}$ imaging in isolated mouse cardiomyocytes. <i>Cell Calcium</i> , 2016, 60, 331-340.	2.4	5
24	One and Two-Photon Calcium Uncaging with Visible Light in Cardiac Myocytes. <i>Biophysical Journal</i> , 2016, 110, 432a.	0.5	0
25	Calcium Uncaging with Visible Light. <i>Journal of the American Chemical Society</i> , 2016, 138, 3687-3693.	13.7	67
26	Opposite Changes of $Ca^{2+}$ Wave Threshold and Fractional SR $Ca^{2+}$ Release during SERCA Stimulation in Cardiomyocytes. <i>Biophysical Journal</i> , 2015, 108, 263a.	0.5	0
27	$IP_3$ and $Ca^{2+}$ signals in the heart: boost them or bust them?. <i>Journal of Physiology</i> , 2015, 593, 1385-1386.	2.9	0
28	Dystrophic cardiomyopathy: role of TRPV2 channels in stretch-induced cell damage. <i>Cardiovascular Research</i> , 2015, 106, 153-162.	3.8	65
29	Maximal acceleration of $Ca^{2+}$ release refractoriness by $\beta$ -adrenergic stimulation requires dual activation of kinases PKA and CaMKII in mouse ventricular myocytes. <i>Journal of Physiology</i> , 2015, 593, 1495-1507.	2.9	30
30	Characterization of Calcium Release Events Evoked by InsP3R Activation in Intact and Permeabilized Atrial Myocytes. <i>Biophysical Journal</i> , 2014, 106, 532a.	0.5	0
31	Serca Stimulation Increases Intra-Sr $Ca^{2+}$ Threshold for $Ca^{2+}$ Waves in Cardiomyocytes. <i>Biophysical Journal</i> , 2014, 106, 323a.	0.5	0
32	Extracting Detailed $Ca^{2+}$ Signaling Information from Noisy Confocal Images. <i>Biophysical Journal</i> , 2014, 106, 532a.	0.5	0
33	Activity of Both PKA and Camkii is Required for Maximal RyR Sensitivity Under Beta-Adrenergic Stimulation. <i>Biophysical Journal</i> , 2014, 106, 431a.	0.5	0
34	Improved Protocol to Record Sarcoplasmic Reticulum Calcium Concentrations in Mouse Cardiomyocytes. <i>Biophysical Journal</i> , 2013, 104, 607a.	0.5	0
35	Direct CaMKII Activation by Endogenous Nitric Oxide Modulates Calcium Spark Frequency in Cardiomyocytes. <i>Biophysical Journal</i> , 2013, 104, 361a.	0.5	0
36	Factors Influencing $Ca^{2+}$ Spark Refractoriness in Mouse. <i>Biophysical Journal</i> , 2013, 104, 438a.	0.5	0

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37	Cardiac phenotype of Duchenne Muscular Dystrophy: Insights from cellular studies. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 58, 217-224.	1.9	98
38	Posttranslational modifications of cardiac ryanodine receptors: Ca <sup>2+</sup> signaling and EC-coupling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 866-875.	4.1	69
39	Hierarchical accumulation of RyR post-translational modifications drives disease progression in dystrophic cardiomyopathy. <i>Cardiovascular Research</i> , 2013, 97, 666-675.	3.8	45
40	NO-dependent CaMKII activation during $\hat{I}^2$ -adrenergic stimulation of cardiac muscle. <i>Cardiovascular Research</i> , 2013, 100, 392-401.	3.8	69
41	Isolation of Cardiovascular Precursor Cells from the Human Fetal Heart. <i>Tissue Engineering - Part A</i> , 2012, 18, 198-207.	3.1	15
42	Insights into RyRs Dysfunctions via Studies of Intracellular Calcium Signals. <i>Biophysical Journal</i> , 2012, 102, 213a.	0.5	1
43	PKA phosphorylation of cardiac ryanodine receptor modulates SR luminal Ca <sup>2+</sup> sensitivity. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 33-42.	1.9	49
44	Activation of Ca <sup>2+</sup> Sparks during $\hat{I}^2$ -Adrenergic Stimulation in Resting Cardiomyocytes May Involve CAMKII and No, But Not ROS. <i>Biophysical Journal</i> , 2012, 102, 98a.	0.5	1
45	Hypersensitive Intracellular Ca <sup>2+</sup> Signaling Precedes Deterioration of Cardiac Functions in Muscular Dystrophy. <i>Biophysical Journal</i> , 2011, 100, 562a.	0.5	0
46	Cardiac Ryanodine Receptor Phosphorylation at Ser2808 is Involved in Intra-SR Calcium Sensing. <i>Biophysical Journal</i> , 2011, 100, 353a.	0.5	1
47	Activation of Calcium Sparks in Resting Cardiomyocytes by $\hat{I}^2$ -Adrenergic Stimulation May Involve CaMKII and nNOS. <i>Biophysical Journal</i> , 2011, 100, 559a.	0.5	0
48	Measuring calcium in "fuzzy" spaces. <i>Journal of Physiology</i> , 2011, 589, 2663-2663.	2.9	1
49	Alterations of excitation-contraction coupling and excitation coupled Ca <sup>2+</sup> entry in human myotubes carrying CAV3 mutations linked to rippling muscle. <i>Human Mutation</i> , 2011, 32, 309-317.	2.5	15
50	Ryanodine receptors: waking up from refractoriness. <i>Cardiovascular Research</i> , 2011, 91, 563-564.	3.8	7
51	Functional coupling of $\hat{I}^2$ -isoform Na <sup>+</sup> /K <sup>+</sup> -ATPase and Ca <sup>2+</sup> extrusion through the Na <sup>+</sup> /Ca <sup>2+</sup> -exchanger in cardiomyocytes. <i>Cell Calcium</i> , 2010, 48, 54-60.	2.4	35
52	Increased Ca <sup>2+</sup> leak and spatiotemporal coherence of Ca <sup>2+</sup> release in cardiomyocytes during $\hat{I}^2$ -adrenergic stimulation. <i>Journal of Physiology</i> , 2010, 588, 225-242.	2.9	55
53	Ca <sup>2+</sup> on the move: what is better "fire and forget, or fire" diffuse"fire?. <i>Journal of Physiology</i> , 2010, 588, 1391-1392.	2.9	1
54	Redox Modifications of Ca <sup>2+</sup> -Release Events in Cardiomyocytes. <i>Biophysical Journal</i> , 2010, 98, 549a.	0.5	0

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55	Î²-Adrenergic Stimulation and SR Ca <sup>2+</sup> Leak in Cardiomyocytes. <i>Biophysical Journal</i> , 2010, 98, 549a-550a.	0.5	0
56	Impaired Ca <sup>2+</sup> Release Synchronization in RyR2-S2808a Mouse Cardiomyocytes During Î²-Adrenergic Stimulation. <i>Biophysical Journal</i> , 2010, 98, 550a.	0.5	1
57	Ca <sup>2+</sup> signaling in mouse cardiomyocytes with ablated S100A1 protein. <i>General Physiology and Biophysics</i> , 2009, 28, 371-383.	0.9	13
58	Hypersensitivity of excitation-contraction coupling in dystrophic cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1992-H2003.	3.2	49
59	Angiotensin IIâ€‘Mediated Adaptive and Maladaptive Remodeling of Cardiomyocyte Excitationâ€‘Contraction Coupling. <i>Circulation Research</i> , 2009, 105, 42-50.	4.5	24
60	Altered sarcoplasmic reticulum calcium transport in the presence of the heavy metal chelator TPEN. <i>Cell Calcium</i> , 2009, 46, 347-355.	2.4	18
61	Reciprocal amplification of ROS and Ca <sup>2+</sup> signals in stressed mdx dystrophic skeletal muscle fibers. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 458, 915-928.	2.8	95
62	How to shut down Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release?. <i>Journal of Physiology</i> , 2009, 587, 5003-5004.	2.9	2
63	Changes of EC-coupling and RyR Calcium Sensitivity in Dystrophic mdx Mouse Cardiomyocytes. <i>Biophysical Journal</i> , 2009, 96, 10a-11a.	0.5	2
64	Altered Ryanodine Receptor Sensitivity after ÅŸ-Adrenergic Stimulation of Guinea-pig Ventricular Myocytes. <i>Biophysical Journal</i> , 2009, 96, 276a.	0.5	1
65	Pathways of Abnormal Stress-Induced Calcium Influx into Dystrophic mdx Cardiomyocytes. <i>Biophysical Journal</i> , 2009, 96, 274a.	0.5	1
66	Studies of RyR function in situ. <i>Methods</i> , 2008, 46, 183-193.	3.8	9
67	Modulation of the Local SR Ca <sup>2+</sup> Release by Intracellular Mg <sup>2+</sup> in Cardiac Myocytes. <i>Journal of General Physiology</i> , 2008, 132, 721-730.	1.9	26
68	Dystrophic cardiomyopathy: amplification of cellular damage by Ca <sup>2+</sup> signalling and reactive oxygen species-generating pathways. <i>Cardiovascular Research</i> , 2008, 77, 766-773.	3.8	124
69	Calcium waves driven by â€‘sensitizationâ€‘wave-fronts. <i>Cardiovascular Research</i> , 2007, 74, 39-45.	3.8	72
70	The Cardiac Sarcoplasmic Reticulum. <i>Circulation Research</i> , 2007, 100, 5-6.	4.5	10
71	F90927: A New Member in the Class of Cardioactive Steroids. <i>Cardiovascular Drug Reviews</i> , 2007, 25, 210-220.	4.1	2
72	Ca <sup>2+</sup> release from the sarcoplasmic reticulum activated by the low affinity Ca <sup>2+</sup> chelator TPEN in ventricular myocytes. <i>Cell Calcium</i> , 2007, 41, 187-194.	2.4	8

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73	A guide to sparkology: The taxonomy of elementary cellular Ca <sup>2+</sup> signaling events. <i>Cell Calcium</i> , 2007, 42, 379-387.	2.4	59
74	The early years of cellular cardiac electrophysiology and Silvio Weidmann (1921–2005). <i>Heart Rhythm</i> , 2006, 3, 353-359.	0.7	4
75	Basic mechanisms of excitation/contraction coupling. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 923.	1.9	0
76	The nitrodibenzofuran chromophore: a new caging group for ultra-efficient photolysis in living cells. <i>Nature Methods</i> , 2006, 3, 35-40.	19.0	194
77	A novel steroid-like compound F90927 exerting positive-inotropic effects in cardiac muscle. <i>British Journal of Pharmacology</i> , 2006, 147, 772-782.	5.4	11
78	Founder of cardiac cellular electrophysiology: Honouring Silvio Weidmann, 7 April 1921- 11 July 2005. <i>Journal of Physiology</i> , 2006, 570, 431-432.	2.9	3
79	Agonist specific L-type Ca <sup>2+</sup> -current stimulation in ventricular myocytes by a novel steroid-like compound. <i>Cell Calcium</i> , 2006, 39, 425-433.	2.4	2
80	Synthesis and Two-photon Photolysis of 6-(ortho-Nitroveratryl)-Caged IP <sub>3</sub> in Living Cells. <i>ChemBioChem</i> , 2006, 7, 174-180.	2.6	48
81	Paradoxical SR Ca <sup>2+</sup> -release in guinea-pig cardiac myocytes after $\hat{I}^2$ -adrenergic stimulation revealed by two-photon photolysis of caged Ca <sup>2+</sup> . <i>Journal of Physiology</i> , 2005, 565, 801-813.	2.9	45
82	Rapid turnover of the "functional" Na <sup>+</sup> -Ca <sup>2+</sup> exchanger in cardiac myocytes revealed by an antisense oligodeoxynucleotide approach. <i>Cell Calcium</i> , 2005, 37, 233-243.	2.4	15
83	Confocal imaging of CICR events from isolated and immobilized SR vesicles. <i>Cell Calcium</i> , 2005, 38, 497-505.	2.4	3
84	Sarcoplasmic Reticulum Ca <sup>2+</sup> Refilling Controls Recovery From Ca <sup>2+</sup> -Induced Ca <sup>2+</sup> Release Refractoriness in Heart Muscle. <i>Circulation Research</i> , 2004, 95, 807-813.	4.5	84
85	Applications of multi-photon microscopy in cell physiology. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 1598.	3.0	22
86	DYNAMICS OF CARDIAC INTRACELLULAR Ca <sup>2+</sup> HANDLING " FROM EXPERIMENTS TO VIRTUAL CELLS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2003, 13, 3535-3560.	1.7	1
87	Increased Exchange Current but Normal Ca <sup>2+</sup> -Transport via Na <sup>+</sup> -Ca <sup>2+</sup> -Exchange During Cardiac Hypertrophy After Myocardial Infarction. <i>Circulation Research</i> , 2002, 91, 323-330.	4.5	54
88	Spatiotemporal Features of Ca <sup>2+</sup> Buffering and Diffusion in Atrial Cardiac Myocytes with Inhibited Sarcoplasmic Reticulum. <i>Biophysical Journal</i> , 2002, 83, 3134-3151.	0.5	59
89	Involvement of Calcium in Rhythmic Activity Induced by Disinhibition in Cultured Spinal Cord Networks. <i>Journal of Neurophysiology</i> , 2002, 88, 1461-1468.	1.8	15
90	Calcium quarks. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d1288.	3.0	2

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91	Calcium quarks. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d1288-1297.	3.0	4
92	Spatial characteristics of sarcoplasmic reticulum Ca <sup>2+</sup> release events triggered by L-type Ca <sup>2+</sup> current and Na <sup>+</sup> current in guinea-pig cardiac myocytes. <i>Journal of Physiology</i> , 2002, 542, 383-393.	2.9	26
93	[32] Application of antisense oligodeoxynucleotides for suppression of exchange. <i>Methods in Enzymology</i> , 2000, 314, 454-476.	1.0	2
94	L-type Ca <sup>2+</sup> current as the predominant pathway of Ca <sup>2+</sup> entry during I <sub>Na</sub> activation in Î <sup>2</sup> -stimulated cardiac myocytes. <i>Journal of Physiology</i> , 2000, 527, 455-466.	2.9	18
95	Paradoxical block of the Na <sup>+</sup> + Ca <sup>2+</sup> exchanger by extracellular protons in guinea-pig ventricular myocytes. <i>Journal of Physiology</i> , 2000, 523, 353-366.	2.9	39
96	Ca <sup>2+</sup> Sparks in Cardiac Muscle: Is There Life Without Them?. <i>Physiology</i> , 1999, 14, 129-134.	3.1	6
97	Calcium signalling in cardiac muscle: refractoriness revealed by coherent activation. <i>Nature Cell Biology</i> , 1999, 1, 323-329.	10.3	76
98	Erythropoietin modulates intracellular calcium in a human neuroblastoma cell line. <i>Journal of Physiology</i> , 1999, 516, 343-352.	2.9	91
99	LOCALIZED INTRACELLULAR CALCIUM SIGNALING IN MUSCLE: Calcium Sparks and Calcium Quarks. <i>Annual Review of Physiology</i> , 1999, 61, 311-335.	13.1	129
100	Fundamental calcium release events revealed by two-photon excitation photolysis of caged calcium in guinea-pig cardiac myocytes. <i>Journal of Physiology</i> , 1998, 508, 801-809.	2.9	137
101	Confocal nearmembrane detection of calcium in cardiac myocytes. <i>Cell Calcium</i> , 1998, 23, 269-279.	2.4	45
102	Antisense Oligodeoxynucleotides Directed against the Na-Ca Exchanger mRNA. <i>Annals of the New York Academy of Sciences</i> , 1996, 779, 93-102.	3.8	5
103	A hierarchical concept of cellular and subcellular Ca <sup>2+</sup> -signalling. <i>Progress in Biophysics and Molecular Biology</i> , 1996, 65, 265-296.	2.9	76
104	Photolysis of caged compounds characterized by ratiometric confocal microscopy: a new approach to homogeneously control and measure the calcium concentration in cardiac myocytes. <i>Cell Calcium</i> , 1996, 19, 255-266.	2.4	55
105	Na/Ca exchanger: Molecular and cellular characteristics. <i>Developments in Cardiovascular Medicine</i> , 1996, , 447-455.	0.1	0
106	Subcellular features of calcium signalling in heart muscle: What do we learn?. <i>Cardiovascular Research</i> , 1995, 29, 441-448.	3.8	22
107	Modulation of Ca <sup>2+</sup> release in cultured neonatal rat cardiac myocytes. Insight from subcellular release patterns revealed by confocal microscopy.. <i>Circulation Research</i> , 1994, 74, 979-990.	4.5	120
108	Voltage dependence of Na-Ca exchanger conformational currents. <i>Biophysical Journal</i> , 1994, 67, 1516-1524.	0.5	19

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109	Sodium current-induced calcium signals in isolated guinea pig ventricular myocytes. Journal of Physiology, 1994, 474, 439-446.	2.9	171
110	Subcellular restricted spaces: significance for cell signalling and excitation-contraction coupling. Journal of Muscle Research and Cell Motility, 1993, 14, 288-291.	2.0	21
111	Ratiometric confocal Ca <sup>2+</sup> -measurements with visible wavelength indicators in isolated cardiac myocytes. Cell Calcium, 1993, 14, 359-372.	2.4	238
112	Activation of Na-Ca exchange current by photolysis of "caged calcium". Biophysical Journal, 1993, 65, 882-891.	0.5	39
113	Microscopic spiral waves reveal positive feedback in subcellular calcium signaling. Biophysical Journal, 1993, 65, 2272-2276.	0.5	147
114	Sodium/calcium exchanger in heart muscle: molecular biology, cellular function, and its special role in excitation-contraction coupling. Cardiovascular Research, 1993, 27, 1726-1734.	3.8	47
115	REAL-TIME FLUORESCENCE MICROSCOPY IN LIVING CELLS. , 1993, , 213-235.		2
116	Photorelease of Ca <sup>2+</sup> Produces Na-Ca Exchange Currents and Na-Ca Exchange "Gating" Currents. Annals of the New York Academy of Sciences, 1991, 639, 61-70.	3.8	11
117	Restoring forces in cardiac myocytes. Insight from relaxations induced by photolysis of caged ATP. Biophysical Journal, 1991, 59, 1123-1135.	0.5	27
118	Molecular operations of the sodium-calcium exchanger revealed by conformation currents. Nature, 1991, 349, 621-624.	27.8	159
119	Response. Science, 1991, 251, 1371-1371.	12.6	12
120	Real-time confocal microscopy and calcium measurements in heart muscle cells: Towards the development of a fluorescence microscope with high temporal and spatial resolution. Cell Calcium, 1990, 11, 121-130.	2.4	61
121	Modulation of ATP-sensitive potassium channel activity by flash-photolysis of "caged-ATP" in rat heart cells. Pflugers Archiv European Journal of Physiology, 1990, 415, 510-512.	2.8	25
122	Voltage-independent calcium release in heart muscle. Science, 1990, 250, 565-568.	12.6	186
123	Sodium-calcium exchange in excitable cells: fuzzy space. Science, 1990, 248, 283-283.	12.6	284
124	A laser diffraction system with improved sensitivity for long-time measurements of sarcomere dynamics in isolated cardiac myocytes. Pflugers Archiv European Journal of Physiology, 1988, 411, 462-468.	2.8	15
125	Mechanical parameters determined in dispersed ventricular heart cells. Experientia, 1987, 43, 1150-1153.	1.2	5