

Takafumi Inoue

List of Publications by Year in descending order

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124
papers

6,539
citations

46984

47
h-index

69214

77
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127
all docs

127
docs citations

127
times ranked

7707
citing authors

#	ARTICLE	IF	CITATIONS
1	Ataxia and epileptic seizures in mice lacking type 1 inositol 1,4,5-trisphosphate receptor. <i>Nature</i> , 1996, 379, 168-171.	13.7	486
2	Phosphorylation by Aurora B Converts MgcRacGAP to a RhoGAP during Cytokinesis. <i>Developmental Cell</i> , 2003, 4, 549-560.	3.1	272
3	Activity-Dependent Tuning of Inhibitory Neurotransmission Based on GABAAR Diffusion Dynamics. <i>Neuron</i> , 2009, 62, 670-682.	3.8	252
4	Type 1 Inositol 1,4,5-Trisphosphate Receptor Is Required for Induction of Long-Term Depression in Cerebellar Purkinje Neurons. <i>Journal of Neuroscience</i> , 1998, 18, 5366-5373.	1.7	212
5	Requirement of Phospholipase Cdelta 4 for the Zona Pellucida-Induced Acrosome Reaction. <i>Science</i> , 2001, 292, 920-923.	6.0	186
6	Regulation of TRPC6 Channel Activity by Tyrosine Phosphorylation. <i>Journal of Biological Chemistry</i> , 2004, 279, 18887-18894.	1.6	175
7	Estradiol Increases Spine Density and NMDA-Dependent Ca^{2+} Transients in Spines of CA1 Pyramidal Neurons From Hippocampal Slices. <i>Journal of Neurophysiology</i> , 1999, 81, 1404-1411.	0.9	164
8	Regulation of Nerve Growth Mediated by Inositol 1,4,5-Trisphosphate Receptors in Growth Cones. , 1998, 282, 1705-1708.		161
9	Phospholipase C δ 4 is required for Ca^{2+} mobilization essential for acrosome reaction in sperm. <i>Journal of Cell Biology</i> , 2003, 161, 79-88.	2.3	155
10	Ca^{2+} release from Ca^{2+} stores, particularly from ryanodine-sensitive Ca^{2+} stores, is required for the induction of LTD in cultured cerebellar Purkinje cells. <i>Journal of Neurophysiology</i> , 1995, 74, 2184-2188.	0.9	144
11	Activation of the G Protein Gq/11 Through Tyrosine Phosphorylation of the β Subunit. <i>Science</i> , 1997, 276, 1878-1881.	6.0	137
12	Detecting cells using non-negative matrix factorization on calcium imaging data. <i>Neural Networks</i> , 2014, 55, 11-19.	3.3	120
13	Role of Inositol 1,4,5-Trisphosphate Receptor in Ventral Signaling in <i>Xenopus</i> Embryos. <i>Science</i> , 1997, 278, 1940-1943.	6.0	117
14	Ca^{2+} bursts occur around a local minimal concentration of attractant and trigger sperm chemotactic response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19312-19317.	3.3	117
15	Chemically inducible diffusion trap at cilia reveals molecular sieve-like barrier. <i>Nature Chemical Biology</i> , 2013, 9, 437-443.	3.9	117
16	A ratiometric fluorescent molecular probe for visualization of mitochondrial temperature in living cells. <i>Chemical Communications</i> , 2015, 51, 6194-6197.	2.2	111
17	Distinct Roles of Inositol 1,4,5-Trisphosphate Receptor Types 1 and 3 in Ca^{2+} Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 11967-11975.	1.6	110
18	Circadian Variation of Paroxysmal Atrial Fibrillation. <i>Circulation</i> , 1997, 96, 1537-1541.	1.6	109

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19	Phosphorylation-dependent Regulation of N-Methyl-D-aspartate Receptors by Calmodulin. <i>Journal of Biological Chemistry</i> , 1997, 272, 20805-20810.	1.6	104
20	Cytosolic inositol 1,4,5-trisphosphate dynamics during intracellular calcium oscillations in living cells. <i>Journal of Cell Biology</i> , 2006, 173, 755-765.	2.3	104
21	Genetically-Encoded Yellow Fluorescent cAMP Indicator with an Expanded Dynamic Range for Dual-Color Imaging. <i>PLoS ONE</i> , 2014, 9, e100252.	1.1	98
22	Dietary flavonoid quercetin stimulates vasorelaxation in aortic vessels. <i>Free Radical Biology and Medicine</i> , 2010, 49, 339-347.	1.3	97
23	Molecular Cloning of Mouse Type 2 and Type 3 Inositol 1,4,5-Trisphosphate Receptors and Identification of a Novel Type 2 Receptor Splice Variant. <i>Journal of Biological Chemistry</i> , 2005, 280, 10305-10317.	1.6	95
24	An RNA-interacting Protein, SYNCRIP (Heterogeneous Nuclear Ribonuclear Protein Q1/NSAP1) Is a Component of mRNA Granule Transported with Inositol 1,4,5-Trisphosphate Receptor Type 1 mRNA in Neuronal Dendrites. <i>Journal of Biological Chemistry</i> , 2004, 279, 53427-53434.	1.6	93
25	Short-Term Effects of Rapid Pacing on mRNA Level of Voltage-Dependent K ⁺ Channels in Rat Atrium. <i>Circulation</i> , 2000, 101, 2007-2014.	1.6	92
26	Kinesin dependent, rapid, bi-directional transport of ER sub-compartment in dendrites of hippocampal neurons. <i>Journal of Cell Science</i> , 2004, 117, 163-175.	1.2	92
27	The Kinetic Profile of Intracellular Calcium Predicts Long-Term Potentiation and Long-Term Depression. <i>Journal of Neuroscience</i> , 2004, 24, 9847-9861.	1.7	91
28	Hypocretin/Orexin Peptide Signaling in the Ascending Arousal System: Elevation of Intracellular Calcium in the Mouse Dorsal Raphe and Laterodorsal Tegmentum. <i>Journal of Neurophysiology</i> , 2004, 92, 221-235.	0.9	90
29	Involvement of NMDAR2A tyrosine phosphorylation in depression-related behaviour. <i>EMBO Journal</i> , 2009, 28, 3717-3729.	3.5	86
30	The regulatory domain of the inositol 1,4,5-trisphosphate receptor is necessary to keep the channel domain closed: possible physiological significance of specific cleavage by caspase 3. <i>Biochemical Journal</i> , 2004, 377, 299-307.	1.7	80
31	Lateral Diffusion of Inositol 1,4,5-Trisphosphate Receptor Type 1 Is Regulated by Actin Filaments and 4.1N in Neuronal Dendrites. <i>Journal of Biological Chemistry</i> , 2004, 279, 48976-48982.	1.6	77
32	Astrocytic endfeet re-cover blood vessels after removal by laser ablation. <i>Scientific Reports</i> , 2019, 9, 1263.	1.6	77
33	Calcium waves along the cleavage furrows in cleavage-stage <i>Xenopus</i> embryos and its inhibition by heparin. <i>Journal of Cell Biology</i> , 1996, 135, 181-190.	2.3	76
34	Dynein- and activity-dependent retrograde transport of autophagosomes in neuronal axons. <i>Autophagy</i> , 2010, 6, 378-385.	4.3	75
35	Cluster Formation of Inositol 1,4,5-Trisphosphate Receptor Requires Its Transition to Open State. <i>Journal of Biological Chemistry</i> , 2005, 280, 6816-6822.	1.6	70
36	Proteomic analysis of multiple primary cilia reveals a novel mode of ciliary development in mammals. <i>Biology Open</i> , 2012, 1, 815-825.	0.6	68

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37	Developmental Expression of the Inositol 1,4,5-Trisphosphate Receptor and Structural Changes in the Endoplasmic Reticulum during Oogenesis and Meiotic Maturation of <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 1997, 182, 228-239.	0.9	67
38	Role of Two Series of Ca ²⁺ -Oscillations in Activation of Ascidian Eggs. <i>Developmental Biology</i> , 1998, 203, 122-133.	0.9	67
39	Allelic variation of the <i>Tas1r3</i> taste receptor gene selectively affects taste responses to sweeteners: evidence from 129.B6- <i>Tas1r3</i> congenic mice. <i>Physiological Genomics</i> , 2007, 32, 82-94.	1.0	67
40	Hyperforin modulates dendritic spine morphology in hippocampal pyramidal neurons by activating Ca ²⁺ -permeable TRPC6 channels. <i>Hippocampus</i> , 2013, 23, 40-52.	0.9	65
41	Genetics of Amino Acid Taste and Appetite. <i>Advances in Nutrition</i> , 2016, 7, 806S-822S.	2.9	64
42	Tyrosine phosphorylation-dependent activation of TRPC6 regulated by PLC- β 1 and nephrin: effect of mutations associated with focal segmental glomerulosclerosis. <i>Molecular Biology of the Cell</i> , 2011, 22, 1824-1835.	0.9	59
43	HDAC activity is required for BDNF to increase quantal neurotransmitter release and dendritic spine density in CA1 pyramidal neurons. <i>Hippocampus</i> , 2012, 22, 1493-1500.	0.9	58
44	Calcium Dynamics and Electrophysiological Properties of Cerebellar Purkinje Cells in SCA1 Transgenic Mice. <i>Journal of Neurophysiology</i> , 2001, 85, 1750-1760.	0.9	57
45	Activity-Dependent Release of Endogenous BDNF From Mossy Fibers Evokes a TRPC3 Current and Ca ²⁺ -Elevations in CA3 Pyramidal Neurons. <i>Journal of Neurophysiology</i> , 2010, 103, 2846-2856.	0.9	56
46	Inositol 1,4,5-Trisphosphate Receptor Type 1 in Granule Cells, Not in Purkinje Cells, Regulates the Dendritic Morphology of Purkinje Cells through Brain-Derived Neurotrophic Factor Production. <i>Journal of Neuroscience</i> , 2006, 26, 10916-10924.	1.7	52
47	Enhancer of human polyoma JC virus contains nuclear factor I-binding sequences; analysis using mouse brain nuclear extracts. <i>Biochemical and Biophysical Research Communications</i> , 1988, 157, 419-425.	1.0	50
48	Voltage-gated Ca ²⁺ channel blockers, ω -AgalVA and Ni ²⁺ , suppress the induction of \hat{I} -burst induced long-term potentiation in guinea-pig hippocampal CA1 neurons. <i>Neuroscience Letters</i> , 1995, 183, 112-115.	1.0	49
49	Cardiomyogenic Potential of Mesenchymal Progenitors Derived from Human Circulating CD14 ⁺ Monocytes. <i>Stem Cells and Development</i> , 2005, 14, 676-686.	1.1	49
50	Differential roles of two types of voltage-gated Ca ²⁺ channels in the dendrites of rat cerebellar Purkinje neurons. <i>Brain Research</i> , 1998, 791, 43-55.	1.1	47
51	Neurogenic potential of progenitors derived from human circulating CD14 ⁺ monocytes. <i>Immunology and Cell Biology</i> , 2006, 84, 209-217.	1.0	45
52	Emerging roles of ARHGAP33 in intracellular trafficking of TrkB and pathophysiology of neuropsychiatric disorders. <i>Nature Communications</i> , 2016, 7, 10594.	5.8	42
53	Long-term potentiation and long-term depression in hippocampal CA1 neurons of mice lacking the IP3 type 1 receptor. <i>Neuroscience</i> , 2003, 117, 821-830.	1.1	41
54	TRPV4 regulates the integrity of the blood-cerebrospinal fluid barrier and modulates transepithelial protein transport. <i>FASEB Journal</i> , 2015, 29, 2247-2259.	0.2	40

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55	Transcription factors interfering with dedifferentiation induce cell type-specific transcriptional profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6412-6417.	3.3	37
56	PPAR δ agonist pioglitazone improves cerebellar dysfunction at pre-A β deposition stage in APP ^{swe} /PS1 ^{dE9} Alzheimer's disease model mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 1039-1044.	1.0	34
57	Developmental changes in ciliary motility on choroid plexus epithelial cells during the perinatal period. <i>Cytoskeleton</i> , 2013, 70, 797-803.	1.0	33
58	Phosphorylation of CRMP2 by Cdk5 Regulates Dendritic Spine Development of Cortical Neuron in the Mouse Hippocampus. <i>Neural Plasticity</i> , 2016, 2016, 1-7.	1.0	33
59	Phospholipase C δ 1 regulates p38 MAPK activity and skin barrier integrity. <i>Cell Death and Differentiation</i> , 2017, 24, 1079-1090.	5.0	29
60	TI Workbench, an integrated software package for electrophysiology and imaging. <i>Microscopy (Oxford, England)</i> , 2018, 67, 129-143.	0.7	29
61	Movement of endoplasmic reticulum in the living axon is distinct from other membranous vesicles in its rate, form, and sensitivity to microtubule inhibitors. <i>Journal of Neuroscience Research</i> , 2001, 65, 236-246.	1.3	28
62	Cyclin-dependent kinase 5 is required for normal cerebellar development. <i>Molecular and Cellular Neurosciences</i> , 2013, 52, 97-105.	1.0	28
63	Impairments of long-term depression induction and motor coordination precede A β accumulation in the cerebellum of APP ^{swe} /PS1 ^{dE9} double transgenic mice. <i>Journal of Neurochemistry</i> , 2014, 130, 432-443.	2.1	26
64	Imaging of calcineurin activated by long-term depression-inducing synaptic inputs in living neurons of rat visual cortex. <i>European Journal of Neuroscience</i> , 2003, 17, 287-297.	1.2	24
65	Dynamics of Ca ²⁺ and Na ⁺ in the dendrites of mouse cerebellar Purkinje cells evoked by parallel fibre stimulation. <i>European Journal of Neuroscience</i> , 2003, 18, 2677-2689.	1.2	24
66	Hypocretin/Orexin Peptides Alter Spike Encoding by Serotonergic Dorsal Raphe Neurons through Two Distinct Mechanisms That Increase the Late Afterhyperpolarization. <i>Journal of Neuroscience</i> , 2016, 36, 10097-10115.	1.7	23
67	Cabergoline, Dopamine D2 Receptor Agonist, Prevents Neuronal Cell Death under Oxidative Stress via Reducing Excitotoxicity. <i>PLoS ONE</i> , 2014, 9, e99271.	1.1	23
68	Chronic glucocorticoid exposure suppressed the differentiation and survival of embryonic neural stem/progenitor cells: Possible involvement of ERK and PI3K/Akt signaling in the neuronal differentiation. <i>Neuroscience Research</i> , 2016, 113, 28-36.	1.0	22
69	Identification of BCAP-L as a negative regulator of the TLR signaling-induced production of IL-6 and IL-10 in macrophages by tyrosine phosphoproteomics. <i>Biochemical and Biophysical Research Communications</i> , 2010, 400, 265-270.	1.0	21
70	Uniqueness of Pilsicainide in Class Ic Antiarrhythmics. <i>International Heart Journal</i> , 1998, 39, 389-397.	0.6	21
71	G α s Family G Proteins Activate IP 3 -Ca ²⁺ Signaling via G β γ and Transduce Ventralizing Signals in <i>Xenopus</i> . <i>Developmental Biology</i> , 2000, 226, 88-103.	0.9	20
72	Na ⁺ /K ⁺ ATPase and its functional coupling with Na ⁺ /Ca ²⁺ exchanger in mouse embryonic stem cells during differentiation into cardiomyocytes. <i>Cell Calcium</i> , 2005, 37, 137-151.	1.1	20

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73	4.1N binding regions of inositol 1,4,5-trisphosphate receptor type 1. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 573-576.	1.0	20
74	Proliferative Classification of Intracranially Injected HER2-positive Breast Cancer Cell Lines. <i>Cancers</i> , 2020, 12, 1811.	1.7	20
75	Cationic Amino Acid Based Lipids as Effective Nonviral Gene Delivery Vectors for Primary Cultured Neurons. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1514-1519.	1.7	19
76	Arginine-based cationic liposomes for efficient in vitro plasmid DNA delivery with low cytotoxicity. <i>International Journal of Nanomedicine</i> , 2013, 8, 1361.	3.3	17
77	Cdk5/p35 is required for motor coordination and cerebellar plasticity. <i>Journal of Neurochemistry</i> , 2014, 131, 53-64.	2.1	17
78	Two-Photon Voltage Imaging of Spontaneous Activity from Multiple Neurons Reveals Network Activity in Brain Tissue. <i>IScience</i> , 2020, 23, 101363.	1.9	17
79	Activity-dependent Expression of Inositol 1,4,5-Trisphosphate Receptor Type 1 in Hippocampal Neurons. <i>Journal of Biological Chemistry</i> , 2004, 279, 23691-23698.	1.6	16
80	Type 2 inositol 1,4,5-trisphosphate receptor is predominantly involved in agonist-induced Ca ²⁺ signaling in Bergmann glia. <i>Neuroscience Research</i> , 2012, 74, 32-41.	1.0	16
81	Serotonergic Inhibition of Action Potential Evoked Calcium Transients in NOS-Containing Mesopontine Cholinergic Neurons. <i>Journal of Neurophysiology</i> , 2000, 84, 1558-1572.	0.9	14
82	Phencyclidine rapidly decreases neuronal mRNA of brain-derived neurotrophic factor. <i>Synapse</i> , 2014, 68, 257-265.	0.6	14
83	Involvement of protein tyrosine phosphatases in activation of the trimeric G protein Gq/11. <i>Oncogene</i> , 1999, 18, 7399-7402.	2.6	13
84	Short-term potentiation at the parallel fiber–Purkinje cell synapse. <i>Neuroscience Research</i> , 2006, 55, 28-33.	1.0	12
85	A hyperpolarizing response induced by glutamate in mouse cerebellar Purkinje cells. <i>Neuroscience Research</i> , 1992, 15, 265-271.	1.0	11
86	Lateral diffusion of inositol 1,4,5-trisphosphate receptor type 1 in Purkinje cells is regulated by calcium and actin filaments. <i>Journal of Neurochemistry</i> , 2010, 114, 1720-1733.	2.1	11
87	Sonic hedgehog enhances calcium oscillations in hippocampal astrocytes. <i>Journal of Biological Chemistry</i> , 2019, 294, 16034-16048.	1.6	11
88	Weak Sinusoidal Electric Fields Entrain Spontaneous Ca Transients in the Dendritic Tufts of CA1 Pyramidal Cells in Rat Hippocampal Slice Preparations. <i>PLoS ONE</i> , 2015, 10, e0122263.	1.1	11
89	Interleukin-1 β and interleukin-6 affect electrophysiological properties of thalamic relay cells. <i>Neuroscience Research</i> , 2014, 87, 16-25.	1.0	10
90	Phospholipase C δ : from genome structure to physiological function. <i>Advances in Enzyme Regulation</i> , 2003, 43, 87-106.	2.9	9

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91	Notch Signaling between Cerebellar Granule Cell Progenitors. <i>ENeuro</i> , 2021, 8, ENEURO.0468-20.2021.	0.9	9
92	Lateralization of CA1 assemblies in the absence of CA3 input. <i>Nature Communications</i> , 2021, 12, 6114.	5.8	9
93	Optical detection of neuron connectivity by random access two-photon microscopy. <i>Journal of Neuroscience Methods</i> , 2016, 263, 48-56.	1.3	8
94	Validity and Reliability of Seattle Angina Questionnaire Japanese Version in Patients With Coronary Artery Disease. <i>Asian Nursing Research</i> , 2010, 4, 57-63.	0.7	7
95	Dynamics of calcium and its roles in the dendrite of the cerebellar Purkinje cell. <i>Keio Journal of Medicine</i> , 2003, 52, 244-249.	0.5	7
96	Transcatheter Aortic Valve Implantation and Surgical Aortic Valve Replacement for Aortic Stenosis in Japan—Analysis of a Nationwide Inpatient Database—. <i>Circulation Reports</i> , 2020, 2, 753-758.	0.4	7
97	Cooperative and Stochastic Calcium Releases from Multiple Calcium Puff Sites Generate Calcium Microdomains in Intact HeLa Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 24563-24572.	1.6	6
98	Intracellular click reaction with a fluorescent chemical Ca ²⁺ indicator to prolong its cytosolic retention. <i>Chemical Communications</i> , 2013, 49, 7313.	2.2	6
99	Involvement of Cdk5 activating subunit p35 in synaptic plasticity in excitatory and inhibitory neurons. <i>Molecular Brain</i> , 2022, 15, 37.	1.3	6
100	Intracellular calcium elevation during plateau potentials mediated by extrasynaptic NMDA receptor activation in rat hippocampal CA1 pyramidal neurons is primarily due to calcium entry through voltage-gated calcium channels. <i>European Journal of Neuroscience</i> , 2014, 39, 1613-1623.	1.2	5
101	Observation of the Ciliary Movement of Choroid Plexus Epithelial Cells <i>Ex Vivo</i> . <i>Journal of Visualized Experiments</i> , 2015, , e52991.	0.2	5
102	An iPSC-based neural model of sialidosis uncovers glycolytic impairment-causing presynaptic dysfunction and deregulation of Ca ²⁺ dynamics. <i>Neurobiology of Disease</i> , 2021, 152, 105279.	2.1	5
103	Cdk5 activity is required for Purkinje cell dendritic growth in cell-autonomous and non-autonomous manners. <i>Developmental Neurobiology</i> , 2017, 77, 1175-1187.	1.5	4
104	Stimulation-induced changes in diffusion and structure of calmodulin and calmodulin-dependent protein kinase II proteins in neurons. <i>Neuroscience Research</i> , 2018, 136, 13-32.	1.0	4
105	Role of IP3 receptor in neural plasticity. <i>International Congress Series</i> , 2003, 1250, 461-472.	0.2	3
106	Data on the effect of knockout of neruregulin-1 type III on Remak bundle structure. <i>Data in Brief</i> , 2018, 18, 803-807.	0.5	3
107	Frequency-dependent entrainment of spontaneous Ca transients in the dendritic tufts of CA1 pyramidal cells in rat hippocampal slice preparations by weak AC electric field. <i>Brain Research Bulletin</i> , 2019, 153, 202-213.	1.4	3
108	Multi-Scale Understanding of NMDA Receptor Function in Schizophrenia. <i>Biomolecules</i> , 2020, 10, 1172.	1.8	3

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109	Quantification of native mRNA dynamics in living neurons using fluorescence correlation spectroscopy and reduction-triggered fluorescent probes. <i>Journal of Biological Chemistry</i> , 2020, 295, 7923-7940.	1.6	3
110	A Wide "Gap" in Retrograde Conduction through a Concealed Accessory Atrioventricular Pathway Depending on Ventricular Pacing Sites.. <i>International Heart Journal</i> , 1999, 40, 489-495.	0.6	3
111	EXPRESSION OF THE GREEN FLUORESCENT PROTEIN DERIVATIVE S65T IN <i>XENOPUS LAEVIS</i> OOCYTES. <i>Biomedical Research</i> , 1996, 17, 221-225.	0.3	2
112	An Adult Case with an Abnormal Right Ventricular Structure Causing Intraventricular Pressure Gradient and a History of Aphthous Stomatitis and Thrombophlebitis.. <i>International Heart Journal</i> , 1999, 40, 517-525.	0.6	2
113	Data on the effect of in vivo knockdown using artificial ErbB3 miRNA on Remak bundle structure. <i>Data in Brief</i> , 2017, 12, 313-319.	0.5	2
114	Traceable stimulus-dependent rapid molecular changes in dendritic spines in the brain. <i>Scientific Reports</i> , 2020, 10, 15266.	1.6	2
115	Synaptic Function and Neuropathological Disease Revealed by Quantum Dot-Single-Particle Tracking. <i>Neuromethods</i> , 2020, , 131-155.	0.2	2
116	Infradian Rhythm of Paroxysmal Atrial Fibrillation. A Case Report.. <i>International Heart Journal</i> , 1999, 40, 227-232.	0.6	2
117	Left atrial appendectomy combined with thoracoscopic left upper lobectomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 154-155.	0.4	1
118	Glutamate-Induced Hyperpolarization in Mouse Cerebellar Purkinje Cells. <i>Annals of the New York Academy of Sciences</i> , 1993, 707, 467-471.	1.8	0
119	Imaging synchronization and propagation of intracellular calcium oscillation during non-synaptic seizure-like neuronal activity in rat. <i>International Congress Series</i> , 2002, 1235, 515-524.	0.2	0
120	2P-241 Regulation of inhibitory synapses revealed by single molecule imaging with quantum dots(Invited Talk for Early Research in Biophysics Award,Early Research in Biophysics Award)(The 46th Tj ETQq0 0 0 BT /Overlock 10 T		
121	Illuminating Passive Permeability Barrier of Primary Cilia using Novel Diffusion Trap Technique. <i>Biophysical Journal</i> , 2013, 104, 31a-32a.	0.2	0
122	Overdrive Suppression of Antegrade Conduction over the Accessory Pathway.. <i>International Heart Journal</i> , 2000, 41, 767-772.	0.6	0
123	Multi-Lineage Potential of Human Monocyte-Derived Mesenchymal Progenitors (MOMPs).. <i>Blood</i> , 2004, 104, 3595-3595.	0.6	0
124	Re-covering blood vessels by astrocytic endfeet after laser ablation. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-1-89.	0.0	0