

Yasushi Okada

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163
papers

14,705
citations

59
h-index

121
g-index

188
ext. papers

16,395
ext. citations

9.8
avg, IF

6.12
L-index

#	Paper	IF	Citations
163	Randomization of left-right asymmetry due to loss of nodal cilia generating leftward flow of extraembryonic fluid in mice lacking KIF3B motor protein. <i>Cell</i> , 1998 , 95, 829-37	56.2	1284
162	A standardized kinesin nomenclature. <i>Journal of Cell Biology</i> , 2004 , 167, 19-22	7.3	570
161	Targeted disruption of mouse conventional kinesin heavy chain, kif5B, results in abnormal perinuclear clustering of mitochondria. <i>Cell</i> , 1998 , 93, 1147-58	56.2	524
160	Analysis of the kinesin superfamily: insights into structure and function. <i>Trends in Cell Biology</i> , 2005 , 15, 467-76	18.3	516
159	The neuron-specific kinesin superfamily protein KIF1A is a unique monomeric motor for anterograde axonal transport of synaptic vesicle precursors. <i>Cell</i> , 1995 , 81, 769-80	56.2	494
158	KIF1B, a novel microtubule plus end-directed monomeric motor protein for transport of mitochondria. <i>Cell</i> , 1994 , 79, 1209-20	56.2	491
157	Nodal flow and the generation of left-right asymmetry. <i>Cell</i> , 2006 , 125, 33-45	56.2	433
156	FGF-induced vesicular release of Sonic hedgehog and retinoic acid in leftward nodal flow is critical for left-right determination. <i>Nature</i> , 2005 , 435, 172-7	50.4	422
155	Left-right asymmetry and kinesin superfamily protein KIF3A: new insights in determination of laterality and mesoderm induction by kif3A ^{-/-} mice analysis. <i>Journal of Cell Biology</i> , 1999 , 145, 825-36	7.3	388
154	Mechanism of nodal flow: a conserved symmetry breaking event in left-right axis determination. <i>Cell</i> , 2005 , 121, 633-644	56.2	374
153	Abnormal nodal flow precedes situs inversus in iv and inv mice. <i>Molecular Cell</i> , 1999 , 4, 459-68	17.6	369
152	A processive single-headed motor: kinesin superfamily protein KIF1A. <i>Science</i> , 1999 , 283, 1152-7	33.3	358
151	Matrix metalloproteinase 2 from human rheumatoid synovial fibroblasts. Purification and activation of the precursor and enzymic properties. <i>FEBS Journal</i> , 1990 , 194, 721-30		342
150	Matrix metalloproteinase 9 (92-kDa gelatinase/type IV collagenase) from HT 1080 human fibrosarcoma cells. Purification and activation of the precursor and enzymic properties. <i>Journal of Biological Chemistry</i> , 1992 , 267, 21712-9	5.4	342
149	Kinesin and dynein superfamily proteins in organelle transport and cell division. <i>Current Opinion in Cell Biology</i> , 1998 , 10, 60-73	9	283
148	Switch-based mechanism of kinesin motors. <i>Nature</i> , 2001 , 411, 439-45	50.4	281
147	Mechanism of the single-headed processivity: diffusional anchoring between the K-loop of kinesin and the C terminus of tubulin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 640-5	11.5	276

146	A spontaneously blinking fluorophore based on intramolecular spirocyclization for live-cell super-resolution imaging. <i>Nature Chemistry</i> , 2014 , 6, 681-9	17.6	250
145	KIF3A/B: a heterodimeric kinesin superfamily protein that works as a microtubule plus end-directed motor for membrane organelle transport. <i>Journal of Cell Biology</i> , 1995 , 130, 1387-99	7.3	250
144	Defect in synaptic vesicle precursor transport and neuronal cell death in KIF1A motor protein-deficient mice. <i>Journal of Cell Biology</i> , 1998 , 141, 431-41	7.3	231
143	Dynamic Organization of Chromatin Domains Revealed by Super-Resolution Live-Cell Imaging. <i>Molecular Cell</i> , 2017 , 67, 282-293.e7	17.6	226
142	KIF5C, a novel neuronal kinesin enriched in motor neurons. <i>Journal of Neuroscience</i> , 2000 , 20, 6374-84	6.6	222
141	Formation of long-term potentiation in superior colliculus slices from the guinea pig. <i>Neuroscience Letters</i> , 1989 , 96, 108-13	3.3	196
140	Magnetic resonance imaging study on the results of surgery for cervical compression myelopathy. <i>Spine</i> , 1993 , 18, 2024-9	3.3	177
139	Efficient TALEN construction and evaluation methods for human cell and animal applications. <i>Genes To Cells</i> , 2013 , 18, 315-26	2.3	171
138	A common mechanism for microtubule destabilizers-M type kinesins stabilize curling of the protofilament using the class-specific neck and loops. <i>Cell</i> , 2004 , 116, 591-602	56.2	165
137	Intracellular transport of single-headed molecular motors KIF1A. <i>Physical Review Letters</i> , 2005 , 95, 118101	11.4	162
136	Cloning and characterization of KAP3: a novel kinesin superfamily-associated protein of KIF3A/3B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 8443-8	11.5	159
135	Immunolocalization of matrix metalloproteinase 3 (stromelysin) in rheumatoid synovioblasts (B cells): correlation with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 1989 , 48, 645-53	2.4	155
134	A novel microtubule-based motor protein (KIF4) for organelle transports, whose expression is regulated developmentally. <i>Journal of Cell Biology</i> , 1994 , 127, 187-201	7.3	151
133	KIF1A alternately uses two loops to bind microtubules. <i>Science</i> , 2004 , 305, 678-83	33.3	150
132	Inactivation of tissue inhibitor of metalloproteinases by neutrophil elastase and other serine proteinases. <i>FEBS Letters</i> , 1988 , 229, 157-60	3.8	150
131	Processivity of the single-headed kinesin KIF1A through biased binding to tubulin. <i>Nature</i> , 2003 , 424, 574-7	50.4	147
130	A resolution model of the monomeric kinesin motor, KIF1A. <i>Cell</i> , 2000 , 100, 241-52	56.2	143
129	KIFC2 is a novel neuron-specific C-terminal type kinesin superfamily motor for dendritic transport of multivesicular body-like organelles. <i>Neuron</i> , 1997 , 18, 425-38	13.9	141

128	Matrix metalloproteinase-9 (92 kDa gelatinase/type IV collagenase) from U937 monoblastoid cells: correlation with cellular invasion. <i>Journal of Cell Science</i> , 1993 , 104, 991-999	5.3	141
127	Efficient identification of TALEN-mediated genome modifications using heteroduplex mobility assays. <i>Genes To Cells</i> , 2013 , 18, 450-8	2.3	140
126	Phase separation organizes the site of autophagosome formation. <i>Nature</i> , 2020 , 578, 301-305	50.4	138
125	Identification and classification of 16 new kinesin superfamily (KIF) proteins in mouse genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 9654-9	11.5	138
124	KIFC3, a microtubule minus end-directed motor for the apical transport of annexin XIIIb-associated Triton-insoluble membranes. <i>Journal of Cell Biology</i> , 2001 , 155, 77-88	7.3	134
123	Activation of matrix metalloproteinase 3 (stromelysin) and matrix metalloproteinase 2 (gelatinase) by human neutrophil elastase and cathepsin G. <i>FEBS Letters</i> , 1989 , 249, 353-6	3.8	125
122	Preferential binding of a kinesin-1 motor to GTP-tubulin-rich microtubules underlies polarized vesicle transport. <i>Journal of Cell Biology</i> , 2011 , 194, 245-55	7.3	108
121	The mechanisms of kinesin motor motility: lessons from the monomeric motor KIF1A. <i>Nature Reviews Molecular Cell Biology</i> , 2009 , 10, 877-84	48.7	96
120	Expanded palette of Nano-lanterns for real-time multicolor luminescence imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4352-6	11.5	89
119	Degradation of type IX collagen by matrix metalloproteinase 3 (stromelysin) from human rheumatoid synovial cells. <i>FEBS Letters</i> , 1989 , 244, 473-6	3.8	81
118	A photostable fluorescent marker for the superresolution live imaging of the dynamic structure of the mitochondrial cristae. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15817-15822	11.5	79
117	Left-right determination: involvement of molecular motor KIF3, cilia, and nodal flow. <i>Cold Spring Harbor Perspectives in Biology</i> , 2009 , 1, a000802	10.2	77
116	Structural model for strain-dependent microtubule activation of Mg-ADP release from kinesin. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 1067-75	17.6	76
115	High-resolution CdTe detector and applications to imaging devices. <i>IEEE Transactions on Nuclear Science</i> , 2001 , 48, 287-291	1.7	76
114	Localization of matrix metalloproteinase 3 (stromelysin) in osteoarthritic cartilage and synovium. <i>Laboratory Investigation</i> , 1992 , 66, 680-90	5.9	76
113	Genetically encoded system to track histone modification in vivo. <i>Scientific Reports</i> , 2013 , 3, 2436	4.9	74
112	High-resolution Schottky CdTe diode detector. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 1297-1303	1.7	74
111	Morphologic analysis of the cervical spinal cord, dural tube, and spinal canal by magnetic resonance imaging in normal adults and patients with cervical spondylotic myelopathy. <i>Spine</i> , 1994 , 19, 2331-5	3.3	69

110	A Highly Photostable Near-Infrared Labeling Agent Based on a Phospha-rhodamine for Long-Term and Deep Imaging. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10137-10141	16.4	68
109	Development of the HXD-II wide-band all-sky monitor onboard Astro-E2. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 2765-2772	1.7	66
108	Immunohistochemical demonstration of collagenase and tissue inhibitor of metalloproteinases (TIMP) in synovial lining cells of rheumatoid synovium. <i>Vigiliae Christianae</i> , 1990 , 59, 305-12	0.2	66
107	Localization of matrix metalloproteinase 9 (92-kilodalton gelatinase/type IV collagenase = gelatinase B) in osteoclasts: implications for bone resorption. <i>Laboratory Investigation</i> , 1995 , 72, 311-22	5.9	63
106	Conformational changes in tubulin in GMPCPP and GDP-taxol microtubules observed by cryoelectron microscopy. <i>Journal of Cell Biology</i> , 2012 , 198, 315-22	7.3	61
105	The activation of protein kinase A pathway selectively inhibits anterograde axonal transport of vesicles but not mitochondria transport or retrograde transport in vivo. <i>Journal of Neuroscience</i> , 1995 , 15, 3053-64	6.6	61
104	Ultrafast superresolution fluorescence imaging with spinning disk confocal microscope optics. <i>Molecular Biology of the Cell</i> , 2015 , 26, 1743-51	3.5	55
103	Binding of murine leukemia virus Gag polyproteins to KIF4, a microtubule-based motor protein. <i>Journal of Virology</i> , 1998 , 72, 6898-901	6.6	55
102	Nodal cilia dynamics and the specification of the left/right axis in early vertebrate embryo development. <i>Biophysical Journal</i> , 2005 , 89, 2199-209	2.9	54
101	Distribution and function of JCV agnoprotein. <i>Journal of NeuroVirology</i> , 2001 , 7, 302-6	3.9	51
100	A Wnt5 Activity Asymmetry and Intercellular Signaling via PCP Proteins Polarize Node Cells for Left-Right Symmetry Breaking. <i>Developmental Cell</i> , 2017 , 40, 439-452.e4	10.2	50
99	Cilia, KIF3 molecular motor and nodal flow. <i>Current Opinion in Cell Biology</i> , 2012 , 24, 31-9	9	50
98	The protective effect of hypothermia on reversibility in the neuronal function of the hippocampal slice during long lasting anoxia. <i>Neuroscience Letters</i> , 1988 , 84, 277-82	3.3	50
97	Kinesin-binding-triggered conformation switching of microtubules contributes to polarized transport. <i>Journal of Cell Biology</i> , 2018 , 217, 4164-4183	7.3	48
96	Papillary adenocarcinoma in a seminal vesicle cyst associated with ipsilateral renal agenesis: a case report. <i>Journal of Urology</i> , 1992 , 148, 1543-5	2.5	43
95	Quantitative analysis of APP axonal transport in neurons: role of JIP1 in enhanced APP anterograde transport. <i>Molecular Biology of the Cell</i> , 2014 , 25, 3569-80	3.5	42
94	Improvements of the astro-E2 hard X-ray detector (HXD-II). <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 1991-1996	1.7	40
93	The tubulin-specific inhibitor gatastatin reveals temporal requirements of microtubule nucleation during the cell cycle. <i>Nature Communications</i> , 2015 , 6, 8722	17.4	39

92	Excitatory effect of adenosine on neurotransmission is due to increase of transmitter release in the hippocampal slices. <i>Neuroscience Letters</i> , 1992 , 142, 233-6	3.3	39
91	Short-term treatment of recombinant murine interleukin-4 rapidly inhibits bone formation in normal and ovariectomized mice. <i>Bone</i> , 1998 , 22, 361-5	4.7	38
90	A case of active acromegalic woman with a marked increase in serum insulin-like growth factor-1 levels after delivery. <i>Endocrine Journal</i> , 1997 , 44, 117-20	2.9	36
89	Quality of life survey of urinary diversion patients: comparison of continent urinary diversion versus ileal conduit. <i>International Journal of Urology</i> , 1997 , 4, 26-31	2.3	36
88	A platform of BRET-FRET hybrid biosensors for optogenetics, chemical screening, and in vivo imaging. <i>Scientific Reports</i> , 2018 , 8, 8984	4.9	34
87	Multiple thoracic disc herniations: case report and review of the literature. <i>Spinal Cord</i> , 1997 , 35, 183-6	2.7	34
86	Characterization of CdTe/CdZnTe detectors. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 1258-1263	1.7	34
85	Excitatory effect of adenosine on neurotransmission in the slices of superior colliculus and hippocampus of guinea pig. <i>Neuroscience Letters</i> , 1990 , 120, 205-8	3.3	34
84	Quantitative assay for TALEN activity at endogenous genomic loci. <i>Biology Open</i> , 2013 , 2, 363-7	2.2	33
83	The distribution and function of gamma-aminobutyric acid (GABA) in the superior colliculus. <i>Progress in Brain Research</i> , 1992 , 90, 249-62	2.9	33
82	Fluid Dynamic Mechanism Responsible for Breaking the Left-Right Symmetry of the Human Body: The Nodal Flow. <i>Annual Review of Fluid Mechanics</i> , 2009 , 41, 53-72	22	31
81	mRNA expression of KIF1A, KIF1B, KIF2, KIF3A, KIF3B, KIF4, KIF5, and cytoplasmic dynein during axonal regeneration. <i>Journal of Neuroscience</i> , 1996 , 16, 31-5	6.6	30
80	Lightsheet localization microscopy enables fast, large-scale, and three-dimensional super-resolution imaging. <i>Communications Biology</i> , 2019 , 2, 177	6.7	26
79	CdTe and CdZnTe detectors for timing measurements. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 1986-1992	1.7	22
78	Lrit1, a Retinal Transmembrane Protein, Regulates Selective Synapse Formation in Cone Photoreceptor Cells and Visual Acuity. <i>Cell Reports</i> , 2018 , 22, 3548-3561	10.6	21
77	Management of late complications of continent urinary diversion using the Kock pouch and the Indiana pouch procedures. <i>International Journal of Urology</i> , 1996 , 3, 334-9	2.3	21
76	Mycobacterium avium-intracellulare pleuritis with massive pleural effusion. <i>European Respiratory Journal</i> , 1995 , 8, 1428-9	13.6	21
75	Thermal drift is enough to drive a single microtubule along its axis even in the absence of motor proteins. <i>Biophysical Journal</i> , 1993 , 65, 2504-10	2.9	20

74	Peroxisomes control mitochondrial dynamics and the mitochondrion-dependent apoptosis pathway. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	19
73	Treatment of osteomyelitis with antibiotic-soaked porous glass ceramic. <i>Journal of Bone and Joint Surgery: British Volume</i> , 1998 , 80-B, 527-530		19
72	Performance of the ASTRO-E hard X-ray detector. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 1893-1897		18
71	Matrix-degrading metalloproteinases and their roles in joint destruction. <i>Modern Rheumatology</i> , 2000 , 10, 121-8	3.3	17
70	localization of type VI collagen in the lining cell layer of normal and rheumatoid synovium. <i>Laboratory Investigation</i> , 1990 , 63, 647-56	5.9	16
69	Viscosity and drag force involved in organelle transport: investigation of the fluctuation dissipation theorem. <i>European Physical Journal E</i> , 2013 , 36, 136	1.5	15
68	Reconstruction of Par-dependent polarity in apolar cells reveals a dynamic process of cortical polarization. <i>ELife</i> , 2019 , 8,	8.9	15
67	CdTe stacked detectors for gamma-ray detection. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 1292-1296		14
66	Transmission electron microscopic study of interface between bioactive bone cement and bone: comparison of apatite and wollastonite containing glass-ceramic filler with hydroxyapatite and beta-tricalcium phosphate fillers. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 45, 277-84		14
65	Total replacement of the suprarenal inferior vena cava with an expanded polytetrafluoroethylene tube graft in 2 patients with tumor thrombi from renal cell carcinoma. <i>Journal of Urology</i> , 1989 , 141, 111-4	2.5	14
64	Tumor cell-matrix interaction: pericellular matrix degradation and metastasis. <i>Verhandlungen Der Deutschen Gesellschaft Für Pathologie</i> , 2000 , 84, 33-42		13
63	Activation properties of Schottky CdTe diodes irradiated by 150 MeV protons. <i>IEEE Transactions on Nuclear Science</i> , 2003 , 50, 1013-1019	1.7	12
62	A multi-emitter fitting algorithm for potential live cell super-resolution imaging over a wide range of molecular densities. <i>Journal of Microscopy</i> , 2018 , 271, 266-281	1.9	11
61	Preflight calibration and performance of the astro-E2/HXD-II wide-band all-sky monitor. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 2758-2764	1.7	11
60	The modulation of collagen synthesis in cultured arterial smooth muscle cells by platelet-derived growth factor. <i>Cell Biology International Reports</i> , 1992 , 16, 1015-22		11
59	Immune signals in the context of secondary osteoporosis. <i>Histology and Histopathology</i> , 2004 , 19, 863-6	1.4	11
58	The properties of the long-term potentiation (LTP) in the superior colliculus. <i>Progress in Brain Research</i> , 1993 , 95, 287-96	2.9	10
57	MALT1 Inhibition of Oral Carcinoma Cell Invasion and ERK/MAPK Activation. <i>Journal of Dental Research</i> , 2016 , 95, 446-52	8.1	9

56	Stable formation of the nipple valve in Kock pouch for diversion of the urinary tract. <i>Surgery, Gynecology & Obstetrics</i> , 1989 , 169, 315-8		9
55	Neuron-specific knockdown of <i>Drosophila</i> HADHB induces a shortened lifespan, deficient locomotive ability, abnormal motor neuron terminal morphology and learning disability. <i>Experimental Cell Research</i> , 2019 , 379, 150-158	4.2	8
54	Robust classification of cell cycle phase and biological feature extraction by image-based deep learning. <i>Molecular Biology of the Cell</i> , 2020 , 31, 1346-1354	3.5	8
53	Linking substrate and nucleus via actin cytoskeleton in pluripotency maintenance of mouse embryonic stem cells. <i>Stem Cell Research</i> , 2019 , 41, 101614	1.6	8
52	Preoperative imaging for parathyroid localization in primary hyperparathyroidism. <i>International Journal of Urology</i> , 1997 , 4, 338-42	2.3	8
51	Ultrastructure of the interface between alumina bead composite and bone. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 49, 106-11		8
50	Single cell analysis reveals a biophysical aspect of collective cell-state transition in embryonic stem cell differentiation. <i>Scientific Reports</i> , 2018 , 8, 11965	4.9	7
49	Phosphorylation of KLC1 modifies interaction with JIP1 and abolishes the enhanced fast velocity of APP transport by kinesin-1. <i>Molecular Biology of the Cell</i> , 2017 , 28, 3857-3869	3.5	7
48	Collagen synthesis by cultured arterial smooth muscle cells during spontaneous phenotypic modulation. <i>Pathology International</i> , 1990 , 40, 157-64	1.8	7
47	Collagen synthesis of human arterial smooth muscle cells: effects of platelet-derived growth factor, transforming growth factor-beta 1 and interleukin-1. <i>Pathology International</i> , 1993 , 43, 160-7	1.8	7
46	Super-resolution imaging of nuclear bodies by STED microscopy. <i>Methods in Molecular Biology</i> , 2015 , 1262, 21-35	1.4	7
45	Compact and stable SNAP ligand-conjugated quantum dots as a fluorescent probe for single-molecule imaging of dynein motor protein. <i>Chemical Communications</i> , 2015 , 51, 14836-9	5.8	6
44	Observation of nodal cilia movement and measurement of nodal flow. <i>Methods in Cell Biology</i> , 2009 , 91, 265-85	1.8	6
43	Exogenously applied gangliosides (GM1, GD1a and Gmix) fail to facilitate the induction of long-term potentiation (LTP) in the slices of hippocampus and superior colliculus of the guinea pig. <i>Neuroscience Letters</i> , 1994 , 170, 269-72	3.3	6
42	Application of the fluctuation theorem for noninvasive force measurement in living neuronal axons. <i>Molecular Biology of the Cell</i> , 2018 , 29, 3017-3025	3.5	6
41	Investigation of multiple-dynein transport of melanosomes by non-invasive force measurement using fluctuation unit \square <i>Scientific Reports</i> , 2019 , 9, 5099	4.9	5
40	Hard X-ray response of CdZnTe detectors in the swift burst alert telescope. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 1033-1035	1.7	5
39	Modulation of the microenvironment and adhesion of cancer cells by ADAMs (a disintegrin and metalloproteinase). <i>Verhandlungen Der Deutschen Gesellschaft Für Pathologie</i> , 2007 , 91, 29-38		4

38	Urinary reconstruction using appendix as a urinary and catheterizable conduit in 12 patients. <i>International Journal of Urology</i> , 1997 , 4, 17-20	2.3	3
37	CdTe stacked detectors for gamma-ray detection		3
36	High resolution CdTe detector and applications to imaging devices		3
35	Suppression of Vps13 adaptor protein mutants reveals a central role for PI4P in regulating prospore membrane extension. <i>PLoS Genetics</i> , 2021 , 17, e1009727	6	3
34	Disaster drills and continuous medical education using satellite-based Internet. <i>Methods of Information in Medicine</i> , 2000 , 39, 343-7	1.5	3
33	High resolution Fourier synthesis hard X-ray imaging based on CdTe strip detectors. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 2052-2057	1.7	2
32	CdTe and CdZnTe detectors for timing measurements		2
31	An improved fluorescent protein-based expression reporter system that utilizes bioluminescence resonance energy transfer and peptide-assisted complementation. <i>Chemical Communications</i> , 2020 , 56, 3625-3628	5.8	2
30	Application of the fluctuation theorem for non-invasive force measurement in living neuronal axons		2
29	Characterization of CdTe/CdZnTe detectors		1
28	High resolution Schottky CdTe diode detector		1
27	Continent urinary reservoirs: ten years of experience and future directions. <i>International Journal of Urology</i> , 1994 , 1, 295-308	2.3	1
26	Altered synthesis of collagen types in cultured arterial smooth muscle cells during phenotypic modulation by dimethyl sulfoxide. <i>Pathology International</i> , 1989 , 39, 15-22	1.8	1
25	Transfected plasmid DNA is incorporated into the nucleus via nuclear envelope reformation at telophase.. <i>Communications Biology</i> , 2022 , 5, 78	6.7	1
24	Penetrating cardiac injuries. A pathological analysis of 20 autopsy cases. <i>American Journal of Forensic Medicine and Pathology</i> , 1990 , 11, 144-8	1	1
23	A Method for Automatic Tracking of Cell Nuclei With Weakly-Supervised Mitosis Detection in 2D Microscopy Image Sequences 2020 ,		1
22	The function of Scox in glial cells is essential for locomotive ability in Drosophila. <i>Scientific Reports</i> , 2021 , 11, 21207	4.9	1
21	Matrix-degrading metalloproteinases and their roles in joint destruction		1

20	Second harmonic generation polarization microscopy as a tool for protein structure analysis		1
19	Second harmonic generation polarization microscopy as a tool for protein structure analysis. <i>Biophysics and Physicobiology</i> , 2019 , 16, 147-157	1.4	1
18	A Method for Automatic Tracking of Cell Nuclei in 2D Epifluorescence Microscopy Image Sequences 2018 ,		1
17	Long-term followup of patients with tumor thrombi from renal cell carcinoma and total replacement of the inferior vena cava using an expanded polytetrafluoroethylene tubular graft. <i>Journal of Urology</i> , 1996 , 155, 444-6; discussion 447	2.5	1
16	Clinical experience of orthotopic urinary reservoirs in male patients with bladder cancer. <i>Acta Urologica Japonica</i> , 1997 , 43, 191-6		1
15	Gold functionalized nano-needles for angular protein movement visualization. <i>Nanobiotechnology</i> , 2005 , 1, 227-236		0
14	NUDT21 Links Mitochondrial IPS-1 to RLR-Containing Stress Granules and Activates Host Antiviral Defense. <i>Journal of Immunology</i> , 2021 , 206, 154-163	5.3	0
13	C4-O-04Ultrafast superresolution fluorescence imaging with spinning disk confocal microscope optics. <i>Microscopy (Oxford, England)</i> , 2015 , 64, i71.1-i71	1.3	
12	C5-P-03An Expanded Color Palette of Nano-lanterns, the Super-brilliant Luminescent Proteins for Multicolor, Real-time Bioluminescence Imaging. <i>Microscopy (Oxford, England)</i> , 2015 , 64, i140.1-i140	1.3	
11	Effect of Surgical Stress on Immune Function in Patients With Urologic Cancer. <i>Journal of Urology</i> , 1998 , 159, 600-601	2.5	
10	Cryo-EM and X-ray crystallographic studies on the monomeric kinesin motor KIF1A. <i>Microscopy and Microanalysis</i> , 2002 , 8, 210-211		0.5
9	Recovery of VOR and gaze disturbance after acoustic neuroma surgery. <i>Acta Oto-Laryngologica</i> , 1991 , 481, 440-2		1.6
8	TWO CASES OF CARBAMAZEPINE INDUCED HEPATITIS. <i>The Journal of the Japanese Society of Internal Medicine</i> , 1984 , 73, 1189-1194		0
7	A follow-up study of the patients with the gastric ulcer. <i>Gastroenterologia Japonica</i> , 1968 , 3, 272-273		
6	Single-Molecule Imaging of Intracellular Transport in Neurons and Non-neuronal Cells: From Microscope Optics to Sample Preparations. <i>Neuromethods</i> , 2020 , 1-10		0.4
5	Stochastic Modelling and Experiments on Intra-Cellular Transport of Single-Headed Molecular Motors 2007 , 263-268		
4	Significance of Cytokines in Serum of Patients with Liver Metastasis-complicated Colorectal Carcinoma.. <i>Nihon Daicho Komonbyo Gakkai Zasshi</i> , 1995 , 48, 212-216		0.1
3	Mainz pouch with appendix-umbilical stoma using catheterizable conduit elongated with continuous cecal segment: a case report. <i>Acta Urologica Japonica</i> , 1996 , 42, 973-5		

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| 2 | A review of Japanese telemedicine research and global co-operation. <i>Studies in Health Technology and Informatics</i> , 1999 , 64, 52-7 | 0.5 |
| 1 | c-Src-mediated phosphorylation and activation of kinesin KIF1C promotes elongation of invadopodia in cancer cells. <i>Journal of Biological Chemistry</i> , 2022 , 102090 | 5.4 |