Yasushi Okada

List of Publications by Year
in descending order

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170	17,749	18465	13758
papers	citations	62 h-index	129 g-index

188	188	188	13930
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Randomization of Leftâ€“Right Asymmetry due to Loss of Nodal Cilia Generating Leftward Flow of Extraembryonic Fluid in Mice Lacking KIF3B Motor Protein. Cell, 1998, 95, 829-837.	13.5	1,489
2	A standardized kinesin nomenclature. Journal of Cell Biology, 2004, 167, 19-22.	2.3	662
3	Analysis of the kinesin superfamily: insights into structure and function. Trends in Cell Biology, 2005, 15, 467-476.	3.6	612
4	The neuron-specific kinesin superfamily protein KIF1A is a uniqye monomeric motor for anterograde axonal transport of synaptic vesicle precursors. Cell, 1995, 81, 769-780.	13.5	592
5	Targeted Disruption of Mouse Conventional Kinesin Heavy Chain kif5B, Results in Abnormal Perinuclear Clustering of Mitochondria. Cell, 1998, 93, 1147-1158.	13.5	590
6	KIF1B, a novel microtubule plus end-directed monomeric motor protein for transport of mitochondria. Cell, 1994, 79, 1209-1220.	13.5	546
7	Nodal Flow and the Generation of Left-Right Asymmetry. Cell, 2006, 125, 33-45.	13.5	497
8	FGF-induced vesicular release of Sonic hedgehog and retinoic acid in leftward nodal flow is critical for leftâ€“right determination. Nature, 2005, 435, 172-177.	13.7	483
9	Mechanism of Nodal Flow: A Conserved Symmetry Breaking Event in Left-Right Axis Determination. Cell, 2005, 121, 633-644.	13.5	424
10	Left-Right Asymmetry and Kinesin Superfamily Protein KIF3A: New Insights in Determination of Laterality and Mesoderm Induction by kif3Aâ^'/â^' Mice Analysis. Journal of Cell Biology, 1999, 145, 825-836.	2.3	419
11	A Processive Single-Headed Motor: Kinesin Superfamily Protein KIF1A. Science, 1999, 283, 1152-1157.	6.0	417
12	Abnormal Nodal Flow Precedes Situs Inversus in iv and inv mice. Molecular Cell, 1999, 4, 459-468.	4.5	402
13	Matrix metalloproteinase 2 from human rheumatoid synovial fibroblasts. Purification and activation of the precursor and enzymic properties. FEBS Journal, 1990, 194, 721-730.	0.2	386
14	A spontaneously blinking fluorophore based on intramolecular spirocyclization for live-cell super-resolution imaging. Nature Chemistry, 2014, 6, 681-689.	6.6	374
15	Dynamic Organization of Chromatin Domains Revealed by Super-Resolution Live-Cell Imaging. Molecular Cell, 2017, 67, 282-293.e7.	4.5	370
16	Matrix metalloproteinase 9 (92-kDa gelatinase/type IV collagenase) from HT 1080 human fibrosarcoma cells. Purification and activation of the precursor and enzymic properties. Journal of Biological Chemistry, 1992, 267, 21712-9.	1.6	367
17	Switch-based mechanism of kinesin motors. Nature, 2001, 411, 439-445.	13.7	346
18	Kinesin and dynein superfamily proteins in organelle transport and cell division. Current Opinion in Cell Biology, 1998, 10, 60-73.	2.6	320

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19	Mechanism of the single-headed processivity: Diffusional anchoring between the K-loop of kinesin and the C terminus of tubulin. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 640-645.	3.3	318
20	KIF3A/B: a heterodimeric kinesin superfamily protein that works as a microtubule plus end-directed motor for membrane organelle transport.. Journal of Cell Biology, 1995, 130, 1387-1399.	2.3	277
21	Formation of long-term potentiation in superior colliculus slices from the guinea pig. Neuroscience Letters, 1989, 96, 108-113.	1.0	275
22	KIF5C, a Novel Neuronal Kinesin Enriched in Motor Neurons. Journal of Neuroscience, 2000, 20, 6374-6384.	1.7	275
23	Defect in Synaptic Vesicle Precursor Transport and Neuronal Cell Death in KIF1A Motor Proteinâ€“deficient Mice. Journal of Cell Biology, 1998, 141, 431-441.	2.3	269
24	Phase separation organizes the site of autophagosome formation. Nature, 2020, 578, 301-305.	13.7	263
25	Magnetic Resonance Imaging Study on the Results of Surgery for Cervical Compression Myelopathy. Spine, 1993, 18, 2024-2029.	1.0	207
26	Efficient identification of <scp>TALEN</scp>â€mediated genome modifications using heteroduplex mobility assays. Genes To Cells, 2013, 18, 450-458.	0.5	191
27	Efficient <scp>TALEN</scp> construction and evaluation methods for human cell and animal applications. Genes To Cells, 2013, 18, 315-326.	0.5	190
28	Immunolocalization of matrix metalloproteinase 3 (stromelysin) in rheumatoid synovioblasts (B) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.5	185
29	A Common Mechanism for Microtubule Destabilizersâ€”M Type Kinesins Stabilize Curling of the Protofilament Using the Class-Specific Neck and Loops. Cell, 2004, 116, 591-602.	13.5	181
30	Inactivation of tissue inhibitor of metalloproteinases by neutrophil elastase and other serine proteinases. FEBS Letters, 1988, 229, 157-160.	1.3	180
31	KIF1A Alternately Uses Two Loops to Bind Microtubules. Science, 2004, 305, 678-683.	6.0	178
32	Intracellular Transport of Single-Headed Molecular Motors KIF1A. Physical Review Letters, 2005, 95, 118101.	2.9	178
33	Cloning and characterization of KAP3: a novel kinesin superfamily-associated protein of KIF3A/3B.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 8443-8448.	3.3	175
34	Processivity of the single-headed kinesin KIF1A through biased binding to tubulin. Nature, 2003, 424, 574-577.	13.7	171
35	Matrix metalloproteinase-9 (92 kDa gelatinase/type IV collagenase) from U937 monoblastoid cells: correlation with cellular invasion. Journal of Cell Science, 1993, 104, 991-999.	1.2	166
36	15 Ã... Resolution Model of the Monomeric Kinesin Motor, KIF1A. Cell, 2000, 100, 241-252.	13.5	163

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37	A novel microtubule-based motor protein (KIF4) for organelle transports, whose expression is regulated developmentally.. Journal of Cell Biology, 1994, 127, 187-201.	2.3	161
38	Activation of matrix metalloproteinase 3 (stromelysin) and matrix metalloproteinase 2 (â€˜gelatinaseâ€™) by human neutrophil elastase and cathepsin G. FEBS Letters, 1989, 249, 353-356.	1.3	157
39	KIFC2 Is a Novel Neuron-Specific C-Terminal Type Kinesin Superfamily Motor for Dendritic Transport of Multivesicular Body-Like Organelles. Neuron, 1997, 18, 425-438.	3.8	153
40	Identification and classification of 16 new kinesin superfamily (KIF) proteins in mouse genome. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 9654-9659.	3.3	151
41	KIFC3, a microtubule minus endâ€“directed motor for the apical transport of annexin XIIIbâ€“associated Triton-insoluble membranes. Journal of Cell Biology, 2001, 155, 77-88.	2.3	150
42	A photostable fluorescent marker for the superresolution live imaging of the dynamic structure of the mitochondrial cristae. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15817-15822.	3.3	145
43	Preferential binding of a kinesin-1 motor to GTP-tubulinâ€“rich microtubules underlies polarized vesicle transport. Journal of Cell Biology, 2011, 194, 245-255.	2.3	137
44	The mechanisms of kinesin motor motility: lessons from the monomeric motor KIF1A. Nature Reviews Molecular Cell Biology, 2009, 10, 877-884.	16.1	119
45	Expanded palette of Nano-lanterns for real-time multicolor luminescence imaging. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4352-4356.	3.3	110
46	A Highly Photostable Nearâ€Infrared Labeling Agent Based on a Phosphaâ€rhodamine for Longâ€Term and Deep Imaging. Angewandte Chemie - International Edition, 2018, 57, 10137-10141.	7.2	107
47	High-resolution CdTe detector and applications to imaging devices. IEEE Transactions on Nuclear Science, 2001, 48, 287-291.	1.2	105
48	High-resolution Schottky CdTe diode detector. IEEE Transactions on Nuclear Science, 2002, 49, 1297-1303.	1.2	99
49	Genetically encoded system to track histone modification in vivo. Scientific Reports, 2013, 3, 2436.	1.6	96
50	Degradation of type IX collagen by matrix metalloproteinase 3 (stromelysin) from human rheumatoid synovial cells. FEBS Letters, 1989, 244, 473-476.	1.3	93
51	Structural model for strain-dependent microtubule activation of Mg-ADP release from kinesin. Nature Structural and Molecular Biology, 2008, 15, 1067-1075.	3.6	91
52	Kinesin-bindingâ€“triggered conformation switching of microtubules contributes to polarized transport. Journal of Cell Biology, 2018, 217, 4164-4183.	2.3	87
53	Ultrafast superresolution fluorescence imaging with spinning disk confocal microscope optics. Molecular Biology of the Cell, 2015, 26, 1743-1751.	0.9	83
54	Development of the HXD-II wide-band all-sky monitor onboard Astro-E2. IEEE Transactions on Nuclear Science, 2005, 52, 2765-2772.	1.2	81

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55	Left-Right Determination: Involvement of Molecular Motor KIF3, Cilia, and Nodal Flow. Cold Spring Harbor Perspectives in Biology, 2009, 1, a000802-a000802.	2.3	81
56	â—ª Morphologic Analysis of the Cervical Spinal Cord, Durai Tube, and Spinal Canal by Magnetic Resonance Imaging in Normal Adults and Patients with Cervical Spondylotic Myelopathy. Spine, 1994, 19, 2331-2335.	1.0	80
57	Localization of matrix metalloproteinase 3 (stromelysin) in osteoarthritic cartilage and synovium. Laboratory Investigation, 1992, 66, 680-90.	1.7	80
58	A Wnt5 Activity Asymmetry and Intercellular Signaling via PCP Proteins Polarize Node Cells for Left-Right Symmetry Breaking. Developmental Cell, 2017, 40, 439-452.e4.	3.1	79
59	Immunohistochemical demonstration of collagenase and tissue inhibitor of metalloproteinases (TIMP) in synovial lining cells of rheumatoid synovium. Vigiliae Christianae, 1990, 59, 305-312.	0.1	73
60	Conformational changes in tubulin in GMPCPP and GDP-taxol microtubules observed by cryoelectron microscopy. Journal of Cell Biology, 2012, 198, 315-322.	2.3	71
61	The activation of protein kinase A pathway selectively inhibits anterograde axonal transport of vesicles but not mitochondria transport or retrograde transport in vivo. Journal of Neuroscience, 1995, 15, 3053-3064.	1.7	70
62	Quantitative analysis of APP axonal transport in neurons: role of JIP1 in enhanced APP anterograde transport. Molecular Biology of the Cell, 2014, 25, 3569-3580.	0.9	68
63	Localization of matrix metalloproteinase 9 (92-kilodalton gelatinase/type IV collagenase = gelatinase) Tj ETQq1 1 0.784314 rgBT /Ove	1.7	67
64	A highly photostable and bright green fluorescent protein. Nature Biotechnology, 2022, 40, 1132-1142.	9.4	65
65	Nodal Cilia Dynamics and the Specification of the Left/Right Axis in Early Vertebrate Embryo Development. Biophysical Journal, 2005, 89, 2199-2209.	0.2	64
66	Cilia, KIF3 molecular motor and nodal flow. Current Opinion in Cell Biology, 2012, 24, 31-39.	2.6	59
67	Improvements of the astro-E2 hard X-ray detector (HXD-II). IEEE Transactions on Nuclear Science, 2004, 51, 1991-1996.	1.2	58
68	A platform of BRET-FRET hybrid biosensors for optogenetics, chemical screening, and in vivo imaging. Scientific Reports, 2018, 8, 8984.	1.6	57
69	Binding of Murine Leukemia Virus Gag Polyproteins to KIF4, a Microtubule-Based Motor Protein. Journal of Virology, 1998, 72, 6898-6901.	1.5	57
70	Distribution and function of JCV agnoprotein. Journal of NeuroVirology, 2001, 7, 302-306.	1.0	56
71	The protective effect of hypothermia on reversibility in the neuronal function of the hippocampal slice during long lasting anoxia. Neuroscience Letters, 1988, 84, 277-282.	1.0	53
72	Papillary Adenocarcinoma in a Seminal Vesicle Cyst Associated with Ipsilateral Renal Agenesis: A Case Report. Journal of Urology, 1992, 148, 1543-1545.	0.2	49

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73	The Î³-tubulin-specific inhibitor gatastatin reveals temporal requirements of microtubule nucleation during the cell cycle. Nature Communications, 2015, 6, 8722.	5.8	47
74	Lightsheet localization microscopy enables fast, large-scale, and three-dimensional super-resolution imaging. Communications Biology, 2019, 2, 177.	2.0	46
75	A Case of Active Acromegalic Woman with a Marked Increase in Serum Insulin-like Growth Factor-1 Levels after Delivery.. Endocrine Journal, 1997, 44, 117-120.	0.7	45
76	Characterization of CdTe/CdZnTe detectors. IEEE Transactions on Nuclear Science, 2002, 49, 1258-1263.	1.2	44
77	Peroxisomes control mitochondrial dynamics and the mitochondrion-dependent pathway of apoptosis. Journal of Cell Science, 2019, 132, .	1.2	43
78	Excitatory effect of adenosine on neurotransmission is due to increase of transmitter release in the hippocampal slices. Neuroscience Letters, 1992, 142, 233-236.	1.0	41
79	Multiple thoracic disc herniations: case report and review of the literature. Spinal Cord, 1997, 35, 183-186.	0.9	41
80	Quality of Life Survey of Urinary Diversion Patients: Comparison of Continent Urinary Diversion Versus Ileal Conduit. International Journal of Urology, 1997, 4, 26-31.	0.5	40
81	Chapter 12 The distribution and function of gamma-aminobutyric acid (GABA) in the superior colliculus. Progress in Brain Research, 1992, 90, 249-262.	0.9	39
82	Short-Term Treatment of Recombinant Murine Interleukin-4 Rapidly Inhibits Bone Formation in Normal and Ovariectomized Mice. Bone, 1998, 22, 361-365.	1.4	38
83	Fluid Dynamic Mechanism Responsible for Breaking the Left-Right Symmetry of the Human Body: The Nodal Flow. Annual Review of Fluid Mechanics, 2009, 41, 53-72.	10.8	38
84	Excitatory effect of adenosine on neurotransmission in the slices of superior colliculus and hippocampus of guinea pig. Neuroscience Letters, 1990, 120, 205-208.	1.0	37
85	mRNA expression of KIF1A, KIF1B, KIF2, KIF3A, KIF3B, KIF4, KIF5, and cytoplasmic dynein during axonal regeneration. Journal of Neuroscience, 1996, 16, 31-35.	1.7	36
86	Quantitative assay for TALEN activity at endogenous genomic loci. Biology Open, 2013, 2, 363-367.	0.6	36
87	Treatment of osteomyelitis with antibiotic-soaked porous glass ceramic. Journal of Bone and Joint Surgery: British Volume, 1998, 80-B, 527-530.	3.4	33
88	Lrit1, a Retinal Transmembrane Protein, Regulates Selective Synapse Formation in Cone Photoreceptor Cells and Visual Acuity. Cell Reports, 2018, 22, 3548-3561.	2.9	29
89	Performance of the ASTRO-E hard X-ray detector. IEEE Transactions on Nuclear Science, 2002, 49, 1893-1897.	1.2	25
90	CdTe and CdZnTe detectors for timing measurements. IEEE Transactions on Nuclear Science, 2002, 49, 1986-1992.	1.2	25

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91	Reconstruction of Par-dependent polarity in apolar cells reveals a dynamic process of cortical polarization. ELife, 2019, 8, .	2.8	25
92	<I>Mycobacterium avium-intracellulare</I> pleuritis with massive pleural effusion. European Respiratory Journal, 1995, 8, 1428-1429.	3.1	24
93	Management of Late Complications of Continent Urinary Diversion Using the Kock Pouch and the Indiana Pouch Procedures. International Journal of Urology, 1996, 3, 334-339.	0.5	23
94	Robust classification of cell cycle phase and biological feature extraction by image-based deep learning. Molecular Biology of the Cell, 2020, 31, 1346-1354.	0.9	22
95	Thermal drift is enough to drive a single microtubule along its axis even in the absence of motor proteins. Biophysical Journal, 1993, 65, 2504-2510.	0.2	21
96	Total Replacement of the Suprarenal Inferior Vena Cava with an Expanded Polytetrafluoroethylene Tube Graft in 2 Patients with Tumor Thrombi from Renal Cell Carcinoma. Journal of Urology, 1989, 141, 111-114.	0.2	20
97	Matrix-degrading metalloproteinases and their roles in joint destruction. Modern Rheumatology, 2000, 10, 121-128.	0.9	20
98	Activation properties of Schottky CdTe diodes irradiated by 150 MeV protons. IEEE Transactions on Nuclear Science, 2003, 50, 1013-1019.	1.2	20
99	CdTe stacked detectors for gamma-ray detection. IEEE Transactions on Nuclear Science, 2002, 49, 1292-1296.	1.2	18
100	Viscosity and drag force involved in organelle transport: Investigation of the fluctuation dissipation theorem. European Physical Journal E, 2013, 36, 136.	0.7	17
101	Linking substrate and nucleus via actin cytoskeleton in pluripotency maintenance of mouse embryonic stem cells. Stem Cell Research, 2019, 41, 101614.	0.3	16
102	localization of type VI collagen in the lining cell layer of normal and rheumatoid synovium. Laboratory Investigation, 1990, 63, 647-56.	1.7	16
103	Preflight calibration and performance of the astro-E2/HXD-II wide-band all-sky monitor. IEEE Transactions on Nuclear Science, 2005, 52, 2758-2764.	1.2	15
104	Collagen Synthesis by Cultured Arterial Smooth Muscle Cells during Spontaneous Phenotypic Modulation. Pathology International, 1990, 40, 157-164.	0.6	15
105	Transmission electron microscopic study of interface between bioactive bone cement and bone: Comparison of apatite and wollastonite containing glass-ceramic filler with hydroxyapatite and ?-tricalcium phosphate fillers. , 1999, 45, 277-284.		14
106	A multiâ€emitter fitting algorithm for potential live cell superâ€resolution imaging over a wide range of molecular densities. Journal of Microscopy, 2018, 271, 266-281.	0.8	14
107	Transfected plasmid DNA is incorporated into the nucleus via nuclear envelope reformation at telophase. Communications Biology, 2022, 5, 78.	2.0	14
108	Super-Resolution Imaging of Nuclear Bodies by STED Microscopy. Methods in Molecular Biology, 2015, 1262, 21-35.	0.4	13

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109	Tumor cell-matrix interaction: pericellular matrix degradation and metastasis. Verhandlungen Der Deutschen Gesellschaft FÃ¼r Pathologie, 2000, 84, 33-42.	0.5	13
110	Immune signals in the context of secondary osteoporosis. Histology and Histopathology, 2004, 19, 863-6.	0.5	13
111	Chapter 25 The properties of the long-term potentiation (LTP) in the superior colliculus. Progress in Brain Research, 1993, 95, 287-296.	0.9	12
112	MALT1 Inhibition of Oral Carcinoma Cell Invasion and ERK/MAPK Activation. Journal of Dental Research, 2016, 95, 446-452.	2.5	12
113	Application of the fluctuation theorem for noninvasive force measurement in living neuronal axons. Molecular Biology of the Cell, 2018, 29, 3017-3025.	0.9	12
114	Investigation of multiple-dynein transport of melanosomes by non-invasive force measurement using fluctuation unit Ï‡. Scientific Reports, 2019, 9, 5099.	1.6	12
115	Suppression of Vps13 adaptor protein mutants reveals a central role for PI4P in regulating prospore membrane extension. PLoS Genetics, 2021, 17, e1009727.	1.5	12
116	The modulation of collagen synthesis in cultured arterial smooth muscle cells by platelet-derived growth factor. Cell Biology International Reports, 1992, 16, 1015-1022.	0.7	11
117	Phosphorylation of KLC1 modifies interaction with JIP1 and abolishes the enhanced fast velocity of APP transport by kinesin-1. Molecular Biology of the Cell, 2017, 28, 3857-3869.	0.9	11
118	Single cell analysis reveals a biophysical aspect of collective cell-state transition in embryonic stem cell differentiation. Scientific Reports, 2018, 8, 11965.	1.6	11
119	Collagen synthesis of human arterial smooth muscle cells: Effects of plateletâ€derived growth factor, transforming growth factorâ€Î²1 and interleukinâ€1. Pathology International, 1993, 43, 160-167.	0.6	10
120	Ultrastructure of the interface between alumina bead composite and bone. , 2000, 49, 106-111.		10
121	Neuron-specific knockdown of Drosophila HADHB induces a shortened lifespan, deficient locomotive ability, abnormal motor neuron terminal morphology and learning disability. Experimental Cell Research, 2019, 379, 150-158.	1.2	10
122	Stable formation of the nipple valve in Kock pouch for diversion of the urinary tract. Surgery, Gynecology & Obstetrics, 1989, 169, 315-8.	0.6	9
123	Preoperative Imaging for Parathyroid Localization in Primary Hyperparathyroidism. International Journal of Urology, 1997, 4, 338-342.	0.5	8
124	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. Neuroscience Letters, 1994, 170, 269-272.	1.0	7
125	Hard X-ray response of CdZnTe detectors in the swift burst alert telescope. IEEE Transactions on Nuclear Science, 2005, 52, 1033-1035.	1.2	7
126	Observation of Nodal Cilia Movement and Measurement of Nodal Flow. Methods in Cell Biology, 2009, 91, 265-285.	0.5	7

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127	Compact and stable SNAP ligand-conjugated quantum dots as a fluorescent probe for single-molecule imaging of dynein motor protein. Chemical Communications, 2015, 51, 14836-14839.	2.2	6
128	Second harmonic generation polarization microscopy as a tool for protein structure analysis. Biophysics and Physicobiology, 2019, 16, 147-157.	0.5	6
129	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. Journal of Urology, 1996, 155, 444-6; discussion 447.	0.2	6
130	Altered Synthesis of Collagen Types in Cultured Arterial Smooth Muscle Cells during Phenotypic Modulation by Dimethyl Sulfoxide. Pathology International, 1989, 39, 15-22.	0.6	5
131	Urinary Reconstruction Using Appendix as a Urinary and Catheterizable Conduit in 12 Patients. International Journal of Urology, 1997, 4, 17-20.	0.5	4
132	High resolution CdTe detector and applications to imaging devices. , 0, , .		4
133	CdTe stacked detectors for gamma-ray detection. , 0, , .		4
134	High resolution Fourier synthesis hard X-ray imaging based on CdTe strip detectors. IEEE Transactions on Nuclear Science, 2005, 52, 2052-2057.	1.2	4
135	NUDT21 Links Mitochondrial IPS-1 to RLR-Containing Stress Granules and Activates Host Antiviral Defense. Journal of Immunology, 2021, 206, 154-163.	0.4	4
136	The function of Scox in glial cells is essential for locomotive ability in Drosophila. Scientific Reports, 2021, 11, 21207.	1.6	4
137	Modulation of the microenvironment and adhesion of cancer cells by ADAMs (a disintegrin and) Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	4
138	A Method for Automatic Tracking of Cell Nuclei With Weakly-Supervised Mitosis Detection in 2D Microscopy Image Sequences. , 2020, , .		3
139	Penetrating cardiac injuries. A pathological analysis of 20 autopsy cases. American Journal of Forensic Medicine and Pathology, 1990, 11, 144-8.	0.4	3
140	Disaster drills and continuous medical education using satellite-based Internet. Methods of Information in Medicine, 2000, 39, 343-7.	0.7	3
141	Thermodynamic role of main reaction pathway and multi-body information flow in membrane transport. Physical Review Research, 2022, 4, .	1.3	3
142	CONTINENT URINARY RESERVOIRS: TEN YEARS OF EXPERIENCE AND FUTURE DIRECTIONS. International Journal of Urology, 1994, 1, 295-308.	0.5	2
143	CdTe and CdZnTe detectors for timing measurements. , 0, , .		2
144	Characterization of CdTe/CdZnTe detectors. , 0, , .		2

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145	High resolution Schottky CdTe diode detector. , 0, , .		2
146	A Method for Automatic Tracking of Cell Nuclei in 2D Epifluorescence Microscopy Image Sequences. , 2018, , .		2
147	Matrix-degrading metalloproteinases and their roles in joint destruction. Modern Rheumatology, 2000, 10, 121-128.	0.9	2
148	An improved fluorescent protein-based expression reporter system that utilizes bioluminescence resonance energy transfer and peptide-assisted complementation. Chemical Communications, 2020, 56, 3625-3628.	2.2	2
149	Clinical experience of orthotopic urinary reservoirs in male patients with bladder cancer. Acta Urologica Japonica, 1997, 43, 191-6.	0.1	2
150	c-Srcâ€“mediated phosphorylation and activation of kinesin KIF1C promotes elongation of invadopodia in cancer cells. Journal of Biological Chemistry, 2022, 298, 102090.	1.6	2
151	Activation properties of Schottky CdTe diodes irradiated by 150 MeV protons. , 0, , .		1
152	High resolution fourier synthesis hard X-ray imaging based on CdTe strip detectors. , 0, , .		1
153	Gold Functionalized Nano-Needles for Angular Protein Movement Visualization. Nanobiotechnology, 2005, 1, 227-236.	1.2	1
154	Label-Free Observation of Single Microtubules by Means of SHG Microscopy. Biophysical Journal, 2014, 106, 351a.	0.2	1
155	Investigation of Multiple-Dynein Transport of Melanosomes by Non-Invasive Force Measurement using the Fluctuation Theorem. Biophysical Journal, 2019, 116, 411a.	0.2	1
156	Enhancement Algorithms for Blinking Fluorescence Imaging. , 2019, , .		1
157	A follow-up study of the patients with the gastric ulcer. Gastroenterologia Japonica, 1968, 3, 272-273.	0.4	0
158	TWO CASES OF CARBAMAZEPINE INDUCED HEPATITIS. The Journal of the Japanese Society of Internal Medicine, 1984, 73, 1189-1194.	0.0	0
159	Recovery of VOR and Gaze Disturbance after Acoustic Neuroma Surgery. Acta Oto-Laryngologica, 1991, 111, 440-442.	0.3	0
160	Effect of Surgical Stress on Immune Function in Patients With Urologic Cancer. Journal of Urology, 1998, 159, 600-601.	0.2	0
161	Cryo-EM and X-ray crystallographic studies on the monomeric kinesin motor KIF1A. Microscopy and Microanalysis, 2002, 8, 210-211.	0.2	0
162	Improvements of the Astro-E2 Hard X-ray Detector (HXD-II). , 2003, , .		0

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163	Hard X-ray response of CdZnTe detectors in the Swift Burst Alert Telescope. , 0, , .		0
164	C4-O-04Ultrafast superresolution fluorescence imaging with spinning disk confocal microscope optics. Microscopy (Oxford, England), 2015, 64, i71.1-i71.	0.7	0
165	C5-P-03An Expanded Color Palette of Nano-lanterns, the Super-brilliant Luminescent Proteins for Multicolor, Real-time Bioluminescence Imaging. Microscopy (Oxford, England), 2015, 64, i140.1-i140.	0.7	0
166	Current limitations in super-resolution fluorescence microscopy for biological specimens: How deep can we go from the cover glass?. Proceedings of SPIE, 2017, , .	0.8	0
167	Significance of Cytokines in Serum of Patients with Liver Metastasis-complicated Colorectal Carcinoma.. Nihon Daicho Komonbyo Gakkai Zasshi, 1995, 48, 212-216.	0.1	0
168	Bonding behavior of bioactive bone cement in segmental replacement of rabbit tibia: comparison with PMMA bone cement. , 1999, , .		0
169	Mainz pouch with appendix-umbilical stoma using catheterizable conduit elongated with continuous cecal segment: a case report. Acta Urologica Japonica, 1996, 42, 973-5.	0.1	0
170	A review of Japanese telemedicine research and global co-operation. Studies in Health Technology and Informatics, 1999, 64, 52-7.	0.2	0