

# Yasushi Hiraoka

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

211  
papers

11,787  
citations

56  
h-index

104  
g-index

235  
ext. papers

13,335  
ext. citations

7.5  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
211	Mobility of kinetochore proteins measured by FRAP analysis in living cells.. <i>Chromosome Research</i> , <b>2022</b> , 1	4.4	2
210	Transfected plasmid DNA is incorporated into the nucleus via nuclear envelope reformation at telophase.. <i>Communications Biology</i> , <b>2022</b> , 5, 78	6.7	1
209	Chromatin loading of MCM hexamers is associated with di-/tri-methylation of histone H4K20 toward S <sub>1</sub> phase entry. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 12152-12166	20.1	1
208	Linear elements are stable structures along the chromosome axis in fission yeast meiosis. <i>Chromosoma</i> , <b>2021</b> , 130, 149-162	2.8	1
207	Surprising phenotypic diversity of cancer-associated mutations of Gly 34 in the histone H3 tail. <i>ELife</i> , <b>2021</b> , 10,	8.9	1
206	Microtubule inhibitors identified through nonbiased screening enhance DNA transfection efficiency by delaying p62-dependent ubiquitin recruitment. <i>Genes To Cells</i> , <b>2021</b> , 26, 739-751	2.3	0
205	Transient Breakage of the Nucleocytoplasmic Barrier Controls Spore Maturation via Mobilizing the Proteasome Subunit Rpn11 in the Fission Yeast. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	2
204	Lem2 and Lnp1 maintain the membrane boundary between the nuclear envelope and endoplasmic reticulum. <i>Communications Biology</i> , <b>2020</b> , 3, 276	6.7	11
203	Intracellular ATP levels influence cell fates in Dictyostelium discoideum differentiation. <i>Genes To Cells</i> , <b>2020</b> , 25, 312-326	2.3	1
202	Improved Methods for Preparing the Telomere Tethering Complex Bqt1-Bqt2 for Structural Studies. <i>Protein Journal</i> , <b>2020</b> , 39, 174-181	3.9	
201	Maintenance of meiotic crossover against reduced double-strand break formation in fission yeast lacking histone H2A.Z. <i>Gene</i> , <b>2020</b> , 743, 144615	3.8	1
200	The Chaperone FACT and Histone H2B Ubiquitination Maintain S. pombe Genome Architecture through Genic and Subtelomeric Functions. <i>Molecular Cell</i> , <b>2020</b> , 77, 501-513.e7	17.6	18
199	Human Ebp1 rescues the synthetic lethal growth of fission yeast cells lacking Cdb4 and Nup184. <i>Genes To Cells</i> , <b>2020</b> , 25, 288-295	2.3	
198	Nuclear Envelope Proteins Modulating the Heterochromatin Formation and Functions in Fission Yeast. <i>Cells</i> , <b>2020</b> , 9,	7.9	3
197	Phase separation drives pairing of homologous chromosomes. <i>Current Genetics</i> , <b>2020</b> , 66, 881-887	2.9	5
196	Methods and Applications of Mobile Molecular Communication. <i>Proceedings of the IEEE</i> , <b>2019</b> , 107, 1442-1456	11.5	28
195	Regulation of ectopic heterochromatin-mediated epigenetic diversification by the JmjC family protein Epe1. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008129	6	17

194	Asymmetrical localization of Nup107-160 subcomplex components within the nuclear pore complex in fission yeast. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008061	6	15
193	Nuclear formation induced by DNA-conjugated beads in living fertilised mouse egg. <i>Scientific Reports</i> , <b>2019</b> , 9, 8461	4.9	0
192	Histone H2A insufficiency causes chromosomal segregation defects due to anaphase chromosome bridge formation at rDNA repeats in fission yeast. <i>Scientific Reports</i> , <b>2019</b> , 9, 7159	4.9	2
191	Roles of Nup133, Nup153 and membrane fenestrations in assembly of the nuclear pore complex at the end of mitosis. <i>Genes To Cells</i> , <b>2019</b> , 24, 338-353	2.3	11
190	The very-long-chain fatty acid elongase Elo2 rescues lethal defects associated with loss of the nuclear barrier function in fission yeast cells. <i>Journal of Cell Science</i> , <b>2019</b> , 132,	5.3	15
189	Identification of the evolutionarily conserved nuclear envelope proteins Lem2 and MicLem2 in. <i>Gene: X</i> , <b>2019</b> , 1, 100006	2.1	2
188	Torsional Turning Motion of Chromosomes as an Accelerating Force to Align Homologous Chromosomes during Meiosis. <i>Journal of the Physical Society of Japan</i> , <b>2019</b> , 88, 023801	1.5	2
187	Chromosome-associated RNA-protein complexes promote pairing of homologous chromosomes during meiosis in <i>Schizosaccharomyces pombe</i> . <i>Nature Communications</i> , <b>2019</b> , 10, 5598	17.4	24
186	p62/SQSTM1 promotes rapid ubiquitin conjugation to target proteins after endosome rupture during xenophagy. <i>FEBS Open Bio</i> , <b>2018</b> , 8, 470-480	2.7	8
185	Estimation of GFP-Nucleoporin Amount Based on Fluorescence Microscopy. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1721, 105-115	1.4	2
184	Lem2 is retained at the nuclear envelope through its interaction with Bqt4 in fission yeast. <i>Genes To Cells</i> , <b>2018</b> , 23, 122-135	2.3	16
183	The conserved histone variant H2A.Z illuminates meiotic recombination initiation. <i>Current Genetics</i> , <b>2018</b> , 64, 1015-1019	2.9	7
182	Exportin Crm1 is repurposed as a docking protein to generate microtubule organizing centers at the nuclear pore. <i>ELife</i> , <b>2018</b> , 7,	8.9	10
181	Shelterin promotes tethering of late replication origins to telomeres for replication-timing control. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	10
180	Newly found Tetrahymena nucleoporins, Nup214, Nup153 and Pom121/Pom82, differentiate nuclear pore complexes of functionally distinct nuclei. <i>Communicative and Integrative Biology</i> , <b>2018</b> , 11, e1384890	1.7	1
179	The histone variant H2A.Z promotes initiation of meiotic recombination in fission yeast. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 609-620	20.1	20
178	Nuclear localization signal targeting to macronucleus and micronucleus in binucleated ciliate <i>Tetrahymena thermophila</i> . <i>Genes To Cells</i> , <b>2018</b> , 23, 568-579	2.3	5
177	Accurate and fiducial-marker-free correction for three-dimensional chromatic shift in biological fluorescence microscopy. <i>Scientific Reports</i> , <b>2018</b> , 8, 7583	4.9	33

176	Fission yeast APC/C activators Slp1 and Fzr1 sequentially trigger two consecutive nuclear divisions during meiosis. <i>FEBS Letters</i> , <b>2017</b> , 591, 1029-1040	3.8	4
175	Compositionally distinct nuclear pore complexes of functionally distinct dimorphic nuclei in the ciliate. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 1822-1834	5.3	19
174	Function of nuclear membrane proteins in shaping the nuclear envelope integrity during closed mitosis. <i>Journal of Biochemistry</i> , <b>2017</b> , 161, 471-477	3.1	11
173	Visualization of a Specific Genome Locus by the /LacI-GFP System. <i>Cold Spring Harbor Protocols</i> , <b>2017</b> , 2017, pdb.prot091934	1.2	6
172	Microscopic Observation of Living Cells Stained with Fluorescent Probes. <i>Cold Spring Harbor Protocols</i> , <b>2017</b> , 2017, pdb.prot079848	1.2	3
171	Ser7 of RNAPII-CTD Facilitates heterochromatin formation by linking ncRNA to RNAi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E11208-E11217	11.5	7
170	. <i>IEEE Transactions on Communications</i> , <b>2017</b> , 65, 663-676	6.9	44
169	Spatial organization of the <i>Schizosaccharomyces pombe</i> genome within the nucleus. <i>Yeast</i> , <b>2017</b> , 34, 55-66	3.4	9
168	Lipid droplet dynamics during sporulation and their role in spore survival. <i>Biology Open</i> , <b>2017</b> , 6, 217-222.2		9
167	A Genetically Encoded Probe for Live-Cell Imaging of H4K20 Monomethylation. <i>Journal of Molecular Biology</i> , <b>2016</b> , 428, 3885-3902	6.5	36
166	Borna Disease Virus Assembles Porous Cage-like Viral Factories in the Nucleus. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 25789-25798	5.4	11
165	A cohesin-based structural platform supporting homologous chromosome pairing in meiosis. <i>Current Genetics</i> , <b>2016</b> , 62, 499-502	2.9	17
164	Histone H3K36 trimethylation is essential for multiple silencing mechanisms in fission yeast. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 4147-62	20.1	31
163	Meiotic cohesin-based chromosome structure is essential for homologous chromosome pairing in <i>Schizosaccharomyces pombe</i> . <i>Chromosoma</i> , <b>2016</b> , 125, 205-14	2.8	34
162	Meiotic cohesin subunits RAD21L and REC8 are positioned at distinct regions between lateral elements and transverse filaments in the synaptonemal complex of mouse spermatocytes. <i>Journal of Reproduction and Development</i> , <b>2016</b> , 62, 623-630	2.1	18
161	Virtual Nuclear Envelope Breakdown and Its Regulators in Fission Yeast Meiosis. <i>Frontiers in Cell and Developmental Biology</i> , <b>2016</b> , 4, 5	5.7	13
160	Identification of Conserved MEL-28/ELYS Domains with Essential Roles in Nuclear Assembly and Chromosome Segregation. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006131	6	25
159	Depletion of autophagy receptor p62/SQSTM1 enhances the efficiency of gene delivery in mammalian cells. <i>FEBS Letters</i> , <b>2016</b> , 590, 2671-80	3.8	11

158	Inner nuclear membrane protein Lem2 augments heterochromatin formation in response to nutritional conditions. <i>Genes To Cells</i> , <b>2016</b> , 21, 812-32	2.3	25
157	Shugoshin forms a specialized chromatin domain at subtelomeres that regulates transcription and replication timing. <i>Nature Communications</i> , <b>2016</b> , 7, 10393	17.4	23
156	Uniquely designed nuclear structures of lower eukaryotes. <i>Current Opinion in Cell Biology</i> , <b>2016</b> , 40, 66-73		8
155	Recent advancements in structured-illumination microscopy toward live-cell imaging. <i>Microscopy (Oxford, England)</i> , <b>2015</b> , 64, 237-49	1.3	42
154	Nup132 modulates meiotic spindle attachment in fission yeast by regulating kinetochore assembly. <i>Journal of Cell Biology</i> , <b>2015</b> , 211, 295-308	7.3	6
153	Highly condensed chromatins are formed adjacent to subtelomeric and decondensed silent chromatin in fission yeast. <i>Nature Communications</i> , <b>2015</b> , 6, 7753	17.4	45
152	Uncleavable Nup98-Nup96 is functional in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>FEBS Open Bio</i> , <b>2015</b> , 5, 508-14	2.7	4
151	The nuclear pore complex acts as a master switch for nuclear and cell differentiation. <i>Communicative and Integrative Biology</i> , <b>2015</b> , 8, e1056950	1.7	5
150	Rotational diffusion measurements using polarization-dependent fluorescence correlation spectroscopy based on superconducting nanowire single-photon detector. <i>Optics Express</i> , <b>2015</b> , 23, 32633-42	3.3	19
149	Selective autophagic receptor p62 regulates the abundance of transcriptional coregulator ARIP4 during nutrient starvation. <i>Scientific Reports</i> , <b>2015</b> , 5, 14498	4.9	5
148	Chromosome Scaffold is a Double-Stranded Assembly of Scaffold Proteins. <i>Scientific Reports</i> , <b>2015</b> , 5, 11916	4.9	28
147	Histone H4 acetylation required for chromatin decompaction during DNA replication. <i>Scientific Reports</i> , <b>2015</b> , 5, 12720	4.9	22
146	Cellular economy in fission yeast cells continuously cultured with limited nitrogen resources. <i>Scientific Reports</i> , <b>2015</b> , 5, 15617	4.9	4
145	Fission yeast Scp3 potentially maintains microtubule orientation through bundling. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120109	3.7	1
144	BAF is a cytosolic DNA sensor that leads to exogenous DNA avoiding autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 7027-32	11.5	23
143	Biased assembly of the nuclear pore complex is required for somatic and germline nuclear differentiation in <i>Tetrahymena</i> . <i>Journal of Cell Science</i> , <b>2015</b> , 128, 1812-23	5.3	20
142	Meiotic nuclear movements in fission yeast are regulated by the transcription factor Mei4 downstream of a Cds1-dependent replication checkpoint pathway. <i>Genes To Cells</i> , <b>2015</b> , 20, 160-72	2.3	7
141	Non-destructive handling of individual chromatin fibers isolated from single cells in a microfluidic device utilizing an optically driven microtool. <i>Lab on A Chip</i> , <b>2014</b> , 14, 696-704	7.2	15

140	A method of correlative light and electron microscopy for yeast cells. <i>Micron</i> , <b>2014</b> , 61, 53-61	2.3	12
139	Puromycin resistance gene as an effective selection marker for ciliate Tetrahymena. <i>Gene</i> , <b>2014</b> , 534, 249-55	3.8	19
138	Chromosomes rein back the spindle pole body during horsetail movement in fission yeast meiosis. <i>Cell Structure and Function</i> , <b>2014</b> , 39, 93-100	2.2	9
137	Cooperative target tracking by a mobile bionanosensor network. <i>IEEE Transactions on Nanobioscience</i> , <b>2014</b> , 13, 267-77	3.4	31
136	Characterization of nuclear pore complex components in fission yeast <i>Schizosaccharomyces pombe</i> . <i>Nucleus</i> , <b>2014</b> , 5, 149-62	3.9	44
135	Fluorescence correlation spectroscopy with visible-wavelength superconducting nanowire single-photon detector. <i>Optics Express</i> , <b>2014</b> , 22, 28783-9	3.3	31
134	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2014</b> , 32, 2417-2431	14.2	43
133	Modeling and performance evaluation of mobile bionanosensor networks for target tracking <b>2014</b> ,		6
132	Severe Deformations of Malignant Bone and Skin Cells, as well as Aged Cells, on Micropatterned Surfaces <b>2013</b> , 469-489		1
131	The role of chromosomal retention of noncoding RNA in meiosis. <i>Chromosome Research</i> , <b>2013</b> , 21, 665-72.4	7.4	11
130	Autophagosomes form at ER-mitochondria contact sites. <i>Nature</i> , <b>2013</b> , 495, 389-93	50.4	1148
129	Purification and characterization of the fission yeast telomere clustering factors, Bqt1 and Bqt2. <i>Protein Expression and Purification</i> , <b>2013</b> , 88, 207-13	2	6
128	Mediator directs co-transcriptional heterochromatin assembly by RNA interference-dependent and -independent pathways. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003677	6	26
127	Microtubule-organizing center formation at telomeres induces meiotic telomere clustering. <i>Journal of Cell Biology</i> , <b>2013</b> , 200, 385-95	7.3	40
126	Monoclonal antibodies recognize gly-leu-phe-gly repeat of nucleoporin nup98 of tetrahymena, yeasts, and humans. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , <b>2013</b> , 32, 81-90	1.9	6
125	A mutation of the fission yeast EB1 overcomes negative regulation by phosphorylation and stabilizes microtubules. <i>Experimental Cell Research</i> , <b>2012</b> , 318, 262-75	4.2	15
124	Chromosomally-retained RNA mediates homologous pairing. <i>Nucleus</i> , <b>2012</b> , 3, 516-9	3.9	5
123	Telomere-nuclear envelope dissociation promoted by Rap1 phosphorylation ensures faithful chromosome segregation. <i>Current Biology</i> , <b>2012</b> , 22, 1932-7	6.3	37

122	Active involvement of micro-lipid droplets and lipid-droplet-associated proteins in hormone-stimulated lipolysis in adipocytes. <i>Journal of Cell Science</i> , <b>2012</b> , 125, 6127-36	5.3	52
121	Meiosis-specific noncoding RNA mediates robust pairing of homologous chromosomes in meiosis. <i>Science</i> , <b>2012</b> , 336, 732-6	33.3	95
120	Early entry and deformation of macropinosomes correlates with high efficiency of decaarginine-polyethylene glycol-lipid-mediated gene delivery. <i>Journal of Gene Medicine</i> , <b>2012</b> , 14, 262-71	2.5	2
119	The CCR4-NOT complex is implicated in the viability of aneuploid yeasts. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002776	7.6	12
118	Lamin B receptor recognizes specific modifications of histone H4 in heterochromatin formation. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 42654-63	5.4	83
117	Hexanucleotide motifs mediate recruitment of the RNA elimination machinery to silent meiotic genes. <i>Open Biology</i> , <b>2012</b> , 2, 120014	7	80
116	Inner nuclear membrane protein Ima1 is dispensable for intranuclear positioning of centromeres. <i>Genes To Cells</i> , <b>2011</b> , 16, 1000-11	2.3	45
115	A conserved motif within RAP1 has diversified roles in telomere protection and regulation in different organisms. <i>Nature Structural and Molecular Biology</i> , <b>2011</b> , 18, 213-21	17.6	75
114	Aneuploidy drives genomic instability in yeast. <i>Science</i> , <b>2011</b> , 333, 1026-30	33.3	283
113	Physical breakdown of the nuclear envelope is not necessary for breaking its barrier function. <i>Nucleus</i> , <b>2011</b> , 2, 523-6	3.9	10
112	Nuclear translocation of RanGAP1 coincides with virtual nuclear envelope breakdown in fission yeast meiosis. <i>Communicative and Integrative Biology</i> , <b>2011</b> , 4, 312-4	1.7	6
111	Spatiotemporal regulations of Wee1 at the G2/M transition. <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 555-69	6.9	24
110	Symmetry, asymmetry, and kinetics of silencing establishment in <i>Saccharomyces cerevisiae</i> revealed by single-cell optical assays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 1209-16	11.5	18
109	Exportin 4 interacts with Sox9 through the HMG Box and inhibits the DNA binding of Sox9. <i>PLoS ONE</i> , <b>2011</b> , 6, e25694	3.7	11
108	From meiosis to postmeiotic events: alignment and recognition of homologous chromosomes in meiosis. <i>FEBS Journal</i> , <b>2010</b> , 277, 565-70	5.7	25
107	Nucleoporin Nup98: a gatekeeper in the eukaryotic kingdoms. <i>Genes To Cells</i> , <b>2010</b> , 15, 661-9	2.3	38
106	In vivo evidence for the fibrillar structures of Sup35 prions in yeast cells. <i>Journal of Cell Biology</i> , <b>2010</b> , 190, 223-31	7.3	60
105	Artificial induction of autophagy around polystyrene beads in nonphagocytic cells. <i>Autophagy</i> , <b>2010</b> , 6, 36-45	10.2	55

104	Nuclear envelope attachment is not necessary for telomere function in fission yeast. <i>Nucleus</i> , <b>2010</b> , 1, 481-6	3.9	14
103	MMXD, a TFIIF-independent XPD-MMS19 protein complex involved in chromosome segregation. <i>Molecular Cell</i> , <b>2010</b> , 39, 632-40	17.6	89
102	Virtual breakdown of the nuclear envelope in fission yeast meiosis. <i>Current Biology</i> , <b>2010</b> , 20, 1919-25	6.3	54
101	Biological excitable media based on non-excitable cells and calcium signaling. <i>Nano Communication Networks</i> , <b>2010</b> , 1, 43-49	2.9	10
100	Distinctive responses to nitrogen starvation in the dominant active mutants of the fission yeast Rheb GTPase. <i>Genetics</i> , <b>2009</b> , 183, 517-27	4	21
99	Membrane proteins Bqt3 and -4 anchor telomeres to the nuclear envelope to ensure chromosomal bouquet formation. <i>Journal of Cell Biology</i> , <b>2009</b> , 187, 413-27	7.3	89
98	Transcriptional Suppression by Transient Recruitment of ARIP4 to Sumoylated nuclear receptor Ad4BP/SF-1. <i>Molecular Biology of the Cell</i> , <b>2009</b> , 20, 4235-45	3.5	14
97	Two distinct repeat sequences of Nup98 nucleoporins characterize dual nuclei in the binucleated ciliate tetrahymena. <i>Current Biology</i> , <b>2009</b> , 19, 843-7	6.3	63
96	A locally-induced increase in intracellular Ca <sup>2+</sup> propagates cell-to-cell in the presence of plasma membrane Ca <sup>2+</sup> ATPase inhibitors in non-excitable cells. <i>FEBS Letters</i> , <b>2009</b> , 583, 3593-9	3.8	14
95	Codon usage bias is correlated with gene expression levels in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Genes To Cells</i> , <b>2009</b> , 14, 499-509	2.3	62
94	Localization of gene products using a chromosomally tagged GFP-fusion library in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Genes To Cells</i> , <b>2009</b> , 14, 217-25	2.3	45
93	The SUN rises on meiotic chromosome dynamics. <i>Developmental Cell</i> , <b>2009</b> , 17, 598-605	10.2	207
92	Live-cell fluorescence imaging of meiotic chromosome dynamics in <i>Schizosaccharomyces pombe</i> . <i>Methods in Molecular Biology</i> , <b>2009</b> , 558, 53-64	1.4	14
91	Live observation of forespore membrane formation in fission yeast. <i>Molecular Biology of the Cell</i> , <b>2008</b> , 19, 3544-53	3.5	35
90	Live cell imaging and electron microscopy reveal dynamic processes of BAF-directed nuclear envelope assembly. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 2540-54	5.3	154
89	Heterochromatin integrity affects chromosome reorganization after centromere dysfunction. <i>Science</i> , <b>2008</b> , 321, 1088-91	33.3	152
88	Spindle checkpoint activation at meiosis I advances anaphase II onset via meiosis-specific APC/C regulation. <i>Journal of Cell Biology</i> , <b>2008</b> , 182, 277-88	7.3	27
87	Microplatform for intercellular communication <b>2008</b> ,		9



86	Molecular Communication through Gap Junction Channels. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 81-99	0.9	27
85	Nuclear Movement Enforcing Chromosome Alignment in Fission Yeast Meiosis Without Homolog Synapsis. <i>Genome Dynamics and Stability</i> , <b>2007</b> , 231-247		
84	Molecular communication through gap junction channels: System design, experiments and modeling <b>2007</b> ,		5
83	Gene expression and distribution of Swi6 in partial aneuploids of the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Cell Structure and Function</i> , <b>2007</b> , 32, 149-61	2.2	27
82	Reconstruction of the kinetochore: a prelude to meiosis. <i>Cell Division</i> , <b>2007</b> , 2, 17	2.8	7
81	Two-step, extensive alterations in the transcriptome from G0 arrest to cell division in <i>Schizosaccharomyces pombe</i> . <i>Genes To Cells</i> , <b>2007</b> , 12, 677-92	2.3	51
80	Another way to move chromosomes. <i>Chromosoma</i> , <b>2007</b> , 116, 497-505	2.8	78
79	Nuclear localization of barrier-to-autointegration factor is correlated with progression of S phase in human cells. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 1967-77	5.3	41
78	Externally Controllable Molecular Communication Systems for Pattern Formation <b>2007</b> ,		1
77	Functional domain analysis of human HP1 isoforms in <i>Drosophila</i> . <i>Cell Structure and Function</i> , <b>2007</b> , 32, 57-67	2.2	6
76	Breakdown and Reformation of the Nuclear Envelope <b>2007</b> , 89-106		
75	Molecular Communication through Gap Junction Channels: System Design, Experiments and Modeling <b>2007</b> ,		34
74	Imaging Hoechst-Labeled Chromosomes and Fluorescent Proteins during the Cell Cycle. <i>Cold Spring Harbor Protocols</i> , <b>2007</b> , 2007, pdb.prot4673	1.2	
73	Meiotic cohesins modulate chromosome compaction during meiotic prophase in fission yeast. <i>Journal of Cell Biology</i> , <b>2006</b> , 174, 499-508	7.3	75
72	A defect in protein farnesylation suppresses a loss of <i>Schizosaccharomyces pombe</i> tsc2+, a homolog of the human gene predisposing to tuberous sclerosis complex. <i>Genetics</i> , <b>2006</b> , 173, 569-78	4	28
71	Reconstruction of the kinetochore during meiosis in fission yeast <i>Schizosaccharomyces pombe</i> . <i>Molecular Biology of the Cell</i> , <b>2006</b> , 17, 5173-84	3.5	28
70	Meiotic proteins bqt1 and bqt2 tether telomeres to form the bouquet arrangement of chromosomes. <i>Cell</i> , <b>2006</b> , 125, 59-69	56.2	272
69	Modulation of Alp4 function in <i>Schizosaccharomyces pombe</i> induces novel phenotypes that imply distinct functions for nuclear and cytoplasmic gamma-tubulin complexes. <i>Genes To Cells</i> , <b>2006</b> , 11, 319-36 <sup>2,3</sup>		8

68	The carboxy-terminus of Alp4 alters microtubule dynamics to induce oscillatory nuclear movement led by the spindle pole body in <i>Schizosaccharomyces pombe</i> . <i>Genes To Cells</i> , <b>2006</b> , 11, 337-52	2.3	14
67	ORFeome cloning and global analysis of protein localization in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Nature Biotechnology</i> , <b>2006</b> , 24, 841-7	44.5	443
66	Selective elimination of messenger RNA prevents an incidence of untimely meiosis. <i>Nature</i> , <b>2006</b> , 442, 45-50	50.4	241
65	Ect2 and MgcRacGAP regulate the activation and function of Cdc42 in mitosis. <i>Journal of Cell Biology</i> , <b>2005</b> , 168, 221-32	7.3	87
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