Taro Nakamura

List of Publications by Year
in descending order

46 papers	1,130 citations	361045 20 h-index	414034 32 g-index
48 all docs	48 docs citations	48 times ranked	773 citing authors

#	Article	IF	Citations
1	TheSchizosaccharomyces pombe spo3⁺Gene Is Required for Assembly of the Forespore Membrane and Genetically Interacts withpsy1⁺-encoding Syntaxin-like Protein. Molecular Biology of the Cell, 2001, 12, 3955-3972.	0.9	131
2	TheSchizosaccharomyces pombe spo20⁺Gene Encoding a Homologue ofSaccharomyces cerevisiaeSec14 Plays an Important Role in Forespore Membrane Formation. Molecular Biology of the Cell, 2001, 12, 901-917.	0.9	74
3	Autophagy-deficient Schizosaccharomyces pombe mutants undergo partial sporulation during nitrogen starvation. Microbiology (United Kingdom), 2009, 155, 3816-3826.	0.7	63
4	Novel Fission Yeast Cdc7-Dbf4-Like Kinase Complex Required for the Initiation and Progression of Meiotic Second Division. Molecular and Cellular Biology, 2002, 22, 309-320.	1.1	61
5	The Fission Yeastspo14+Gene Encoding a Functional Homologue of Budding Yeast Sec12 Is Required for the Development of Forespore Membranes. Molecular Biology of the Cell, 2003, 14, 1109-1124.	0.9	47
6	Mannosylinositol phosphorylceramide is a major sphingolipid component and is required for proper localization of plasma-membrane proteins inSchizosaccharomyces pombe. Journal of Cell Science, 2010, 123, 1578-1587.	1.2	47
7	NBRP databases: databases of biological resources in Japan. Nucleic Acids Research, 2010, 38, D26-D32.	6.5	44
8	Autophagy in the fission yeast Schizosaccharomyces pombe. FEBS Letters, 2010, 584, 1327-1334.	1.3	43
9	Live Observation of Forespore Membrane Formation in Fission Yeast. Molecular Biology of the Cell, 2008, 19, 3544-3553.	0.9	39
10	Role of Septins in the Orientation of Forespore Membrane Extension during Sporulation in Fission Yeast. Molecular and Cellular Biology, 2010, 30, 2057-2074.	1.1	38
11	Geranylgeranyl Diphosphate Synthase in Fission Yeast Is a Heteromer of Farnesyl Diphosphate Synthase (FPS), Fps1, and an FPS-like Protein, Spo9, Essential for Sporulation. Molecular Biology of the Cell, 2007, 18, 3568-3581.	0.9	34
12	Two Fission Yeast Rab7 Homologs, Ypt7 and Ypt71, Play Antagonistic Roles in the Regulation of Vacuolar Morphology. Traffic, 2009, 10, 912-924.	1.3	34
13	Meiotic Spindle Pole Bodies Acquire the Ability to Assemble the Spore Plasma Membrane by Sequential Recruitment of Sporulation-specific Components in Fission Yeast. Molecular Biology of the Cell, 2008, 19, 2476-2487.	0.9	29
14	A Fission Yeast SNAP-25 Homologue, SpSec9, Is Essential for Cytokinesis and Sporulation. Cell Structure and Function, 2005, 30, 15-24.	0.5	29
15	Molecular coevolution of a sex pheromone and its receptor triggers reproductive isolation in Schizosaccharomyces pombe. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4405-4410.	3.3	28
16	The Schizosaccharomyces pombe cdt2+ Gene, a Target of G1-S Phase-Specific Transcription Factor Complex DSC1, Is Required for Mitotic and Premeiotic DNA Replication. Genetics, 2003, 164, 881-893.	1.2	27
17	Ca2+/calmodulin-activated protein phosphatase. FEBS Letters, 1992, 309, 103-106.	1.3	25
18	TheSchizosaccharomyces pombeSyntaxin 1 Homolog, Psy1, Is Essential in the Development of the Forespore Membrane. Bioscience, Biotechnology and Biochemistry, 2009, 73, 339-345.	0.6	24

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19	Role of phosphatidylinositol 3-phosphate in formation of forespore membrane inSchizosaccharomyces pombe. Yeast, 2003, 20, 193-206.	0.8	23
20	Control of Late Meiosis and Ascospore Formation. , 2004, , 311-327.		23
21	Localization of Type I Myosin and F-actin to the Leading Edge Region of the Forespore Membrane in Schizosaccharomyces pombe. Cell Structure and Function, 2006, 31, 181-195.	0.5	21
22	A Role for Fission Yeast Rab GTPase Ypt7p in Sporulation. Cell Structure and Function, 2005, 30, 43-49.	0.5	21
23	Sorting nexin homologues are targets of phosphatidylinositol 3-phosphate in sporulation of Schizosaccharomyces pombe. Genes To Cells, 2004, 9, 561-574.	0.5	20
24	Cloning and characterization of the Saccharomyces cerevisiae SVS1 gene which encodes a serine- and threonine-rich protein required for vanadate resistance. Gene, 1995, 165, 25-29.	1.0	19
25	Remarkably Simple Sequence Requirement of the M-Factor Pheromone of Schizosaccharomyces pombe. Genetics, 2012, 191, 815-825.	1.2	18
26	Endocytosis is essential for dynamic translocation of a syntaxin 1 orthologue during fission yeast meiosis. Molecular Biology of the Cell, 2011, 22, 3658-3670.	0.9	16
27	The fission yeast spore is coated by a proteinaceous surface layer comprising mainly Isp3. Molecular Biology of the Cell, 2014, 25, 1549-1559.	0.9	16
28	The Sec14 family glycerophospholipid-transfer protein is required for structural integrity of the spindle pole body during meiosis in fission yeast. Genes To Cells, 2004, 9, 1275-1286.	0.5	15
29	Cloning and Molecular Analysis of cDNA Encoding a Carboxymethylcellulase of the YeastCryptococcus flavus. Bioscience, Biotechnology and Biochemistry, 1992, 56, 1230-1235.	0.6	14
30	Distal and Proximal Actions of Peptide Pheromone M-Factor Control Different Conjugation Steps in Fission Yeast. PLoS ONE, 2013, 8, e69491.	1.1	14
31	Schizosaccharomyces pombe Calmodulin, Cam1, Plays a Crucial Role in Sporulation by Recruiting and Stabilizing the Spindle Pole Body Components Responsible for Assembly of the Forespore Membrane. Eukaryotic Cell, 2010, 9, 1925-1935.	3.4	12
32	Ribosomal proteins S0 and S21 are involved in the stability of 18S rRNA in fission yeast, Schizosaccharomyces pombe. Biochemical and Biophysical Research Communications, 2003, 311, 942-947.	1.0	11
33	The asymmetric chemical structures of two mating pheromones reflect their differential roles in mating of fission yeast. Journal of Cell Science, 2019, 132, .	1.2	11
34	The fission yeast pleckstrin homology domain protein Spo7 is essential for initiation of forespore membrane assembly and spore morphogenesis. Molecular Biology of the Cell, 2011, 22, 3442-3455.	0.9	9
35	The cation-transporting P-type ATPase Cta4 is required for assembly of the forespore membrane in fission yeast. Genes and Genetic Systems, 2005, 80, 317-324.	0.2	7
36	The exocytic Rabs Ypt3 and Ypt2 regulate the early step of biogenesis of the spore plasma membrane in fission yeast. Molecular Biology of the Cell, 2016, 27, 3317-3328.	0.9	7

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37	Ectopic Overproduction of a Sporulation-Specific Transcription Factor Induces Assembly of Prespore-Like Membranous Compartments in Vegetative Cells of Fission Yeast. Genetics, 2009, 183, 1195-1199.	1.2	6
38	Genetic evidence for the functional redundancy of the calcineurin- and Mpk1-mediated pathways in the regulation of cellular events important for growth in. Molecular Genetics and Genomics, 1996, 251, 211.	2.4	6
39	Quick-Freeze, Deep-Etch Electron Microscopy Reveals the Characteristic Architecture of the Fission Yeast Spore. Journal of Fungi (Basel, Switzerland), 2021, 7, 7.	1.5	6
40	The Fission Yeast Synaptobrevin Ortholog Syb1 Plays an Important Role in Forespore Membrane Formation and Spore Maturation. Eukaryotic Cell, 2013, 12, 1162-1170.	3.4	4
41	The meiosis-specific nuclear passenger protein is required for proper assembly of forespore membrane in fission yeast. Journal of Cell Science, 2014, 127, 4429-42.	1.2	4
42	The Fission Yeast RNA-Binding Protein Meu5 Is Involved in Outer Forespore Membrane Breakdown during Spore Formation. Journal of Fungi (Basel, Switzerland), 2020, 6, 284.	1.5	4
43	Meiosis-specific localization of the exocytic Rab Ypt2 in fission yeast. Small GTPases, 2020, 11, 146-154.	0.7	3
44	Irreversible deacylation of plasma membrane phospholipids by the combined action of Mg2+ and a long-chain acyl-CoA synthetase inhibitor in Saccharomyces cerevisiae. Journal of Bioscience and Bioengineering, 2002, 94, 258-63.	1.1	2
45	The fission yeast SPB component Dms1 is required to initiate forespore membrane formation and maintain meiotic SPB components. PLoS ONE, 2018, 13, e0197879.	1.1	1
46	C3-P-05Spore surface ofSchizosaccharomyces pombevisualized by Quick-Freeze and Deep-Etch (QFDE) replica electron microscopy. Microscopy (Oxford, England), 2015, 64, i128.2-i128.	0.7	0