Nils Johnsson

List of Publications by Year
in descending order

37 papers	1,060 citations	471061 17 h-index	433756 31 g-index
45 all docs	45 docs citations	45 times ranked	948 citing authors

#	Article	IF	Citations
1	Biochemical Characterization of a Human Septin Octamer. Frontiers in Cell and Developmental Biology, 2022, 10, 771388.	1.8	6
2	Type V myosin focuses the polarisome and shapes the tip of yeast cells. Journal of Cell Biology, 2021, 220, .	2.3	10
3	Cdc24 interacts with the septins to create a positive feedback during bud site assembly in yeast. Journal of Cell Science, 2020, 133, .	1.2	12
4	The cell polarity proteins Boi1 and Boi2 direct an actin nucleation complex to sites of exocytosis. Journal of Cell Science, 2020, 133, .	1.2	13
5	A time-resolved interaction analysis of Bem1 reconstructs the flow of Cdc42 during polar growth. Life Science Alliance, 2020, 3, e202000813.	1.3	8
6	Dissecting the nucleotide binding properties of the septins from S. cerevisiae. Cytoskeleton, 2019, 76, 45-54.	1.0	10
7	An Interaction Network of the Human SEPT9 Established by Quantitative Mass Spectrometry. G3: Genes, Genomes, Genetics, 2019, 9, 1869-1880.	0.8	15
8	YFR016c/Aip5 is part of an actin nucleation complex in yeast. Biology Open, 2019, 8, .	0.6	9
9	The cell polarity proteins Boi1p and Boi2p stimulate vesicle fusion at the plasma membrane of yeast cells. Journal of Cell Science, 2017, 130, 2996-3008.	1.2	20
10	Identification of Cell Cycle Dependent Interaction Partners of the Septins by Quantitative Mass Spectrometry. PLoS ONE, 2016, 11, e0148340.	1.1	18
11	A Split-Ubiquitin Based Strategy Selecting for Protein Complex-Interfering Mutations. G3: Genes, Genomes, Genetics, 2016, 6, 2809-2815.	0.8	3
12	Crystal structure of Cdc11, a septin subunit from Saccharomyces cerevisiae. Journal of Structural Biology, 2016, 193, 157-161.	1.3	25
13	Evaluation of Genetically Encoded Chemical Tags as Orthogonal Fluorophore Labeling Tools for Single-Molecule FRET Applications. Journal of Physical Chemistry B, 2015, 119, 6611-6619.	1.2	12
14	A protein complex containing Epo1p anchors the cortical endoplasmic reticulum to the yeast bud tip. Journal of Cell Biology, 2015, 208, 71-87.	2.3	25
15	SPLIFF: A Single-Cell Method to Map Protein-Protein Interactions in Time and Space. Methods in Molecular Biology, 2015, 1346, 151-168.	0.4	16
16	Mitotic entry elucidated with bacterial toxin toolbox. Cell Cycle, 2014, 13, 2159-2159.	1.3	0
17	Analyzing proteinâ€“protein interactions in the post-interactomic era. Are we ready for the endgame?. Biochemical and Biophysical Research Communications, 2014, 445, 739-745.	1.0	13
18	Stepwise and cooperative assembly of a cytokinetic core complex in yeast Saccharomyces cerevisiae. Journal of Cell Science, 2014, 127, 3614-24.	1.2	15

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19	An efficient protocol for the purification and labeling of entire yeast septin rods from E.coli for quantitative in vitroexperimentation. BMC Biotechnology, 2013, 13, 60.	1.7	22
20	A fluorescent reporter for mapping cellular proteinâ€protein interactions in time and space. Molecular Systems Biology, 2013, 9, 647.	3.2	21
21	Septin rings act as template for myosin higher-order structures and inhibit redundant polarity establishment. Journal of Cell Science, 2013, 126, 3390-400.	1.2	42
22	Sho1p connects the plasma membrane with proteins of the cytokinesis network via multiple isomeric interaction states. Journal of Cell Science, 2012, 125, 4103-13.	1.2	21
23	Detecting Proteinâ€“Protein Interactions with the Split-Ubiquitin Sensor. Methods in Molecular Biology, 2012, 786, 115-130.	0.4	33
24	A constraint network of interactions: proteinâ€“protein interaction analysis of the yeast type II phosphatase Ptc1p and its adaptor protein Nbp2p. Journal of Cell Science, 2011, 124, 35-46.	1.2	35
25	Splitâ€Ubiquitin and the Splitâ€Protein Sensors: Chessman for the Endgame. ChemBioChem, 2008, 9, 2029-2038.	1.3	52
26	Protein Chemistry on the Surface of Living Cells. ChemBioChem, 2005, 6, 47-52.	1.3	53
27	Protein kinase CK2 phosphorylates Sec63p to stimulate the assembly of the endoplasmic reticulum protein translocation apparatus. Journal of Cell Science, 2005, 118, 723-732.	1.2	33
28	The Splitâ€Ubiquitin Sensor: Measuring Interactions and Conformational Alterations of Proteins In Vivo. Methods in Enzymology, 2005, 399, 757-776.	0.4	18
29	A Fusion of Disciplines: Chemical Approaches to Exploit Fusion Proteins for Functional Genomics. ChemBioChem, 2003, 4, 803-810.	1.3	53
30	Pex10p links the ubiquitin conjugating enzyme Pex4p to the protein import machinery of the peroxisome. Journal of Cell Science, 2003, 116, 3623-3634.	1.2	74
31	Recognition of a Subset of Signal Sequences by Ssh1p, a Sec61p-related Protein in the Membrane of Endoplasmic Reticulum of YeastSaccharomyces cerevisiae. Molecular Biology of the Cell, 2002, 13, 2223-2232.	0.9	51
32	A split-ubiquitin-based assay detects the influence of mutations on the conformational stability of the p53 DNA binding domain in vivo. FEBS Letters, 2002, 531, 259-264.	1.3	11
33	Detection of altered protein conformations in living cells. Journal of Molecular Biology, 2001, 305, 927-938.	2.0	48
34	Detection of a conformational change in GÎ³ upon binding GÎ² in living cells. FEBS Letters, 2001, 505, 75-80.	1.3	11
35	Sec62p, A Component of the Endoplasmic Reticulum Protein Translocation Machinery, Contains Multiple Binding Sites for the Sec-Complex. Molecular Biology of the Cell, 2000, 11, 3859-3871.	0.9	45
36	Detection of Transient In Vivo Interactions between Substrate and Transporter during Protein Translocation into the Endoplasmic Reticulum. Molecular Biology of the Cell, 1999, 10, 329-344.	0.9	77

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37	Probing the Molecular Environment of Membrane Proteins In Vivo. Molecular Biology of the Cell, 1999, 10, 2519-2530.	0.9	126