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	Probing the Molecular Environment of Membrane Proteins In Vivo. Molecular Biology of the Cell, 1999, 10, 2519-2530.	0.9	126
2	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
3	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
4	A Fusion of Disciplines: Chemical Approaches to Exploit Fusion Proteins for Functional Genomics. ChemBioChem, 2003, 4, 803-810.	1.3	53
5	Protein Chemistry on the Surface of Living Cells. ChemBioChem, 2005, 6, 47-52.	1.3	53
6	Splitâ€Ubiquitin and the Splitâ€Protein Sensors: Chessman for the Endgame. ChemBioChem, 2008, 9, 2029-2038.	1.3	52
7	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
8	Detection of altered protein conformations in living cells. Journal of Molecular Biology, 2001, 305, 927-938.	2.0	48
9	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
10	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
11	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
12	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
13	Detecting Proteinâ€“Protein Interactions with the Split-Ubiquitin Sensor. Methods in Molecular Biology, 2012, 786, 115-130.	0.4	33
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	Crystal structure of Cdc11, a septin subunit from Saccharomyces cerevisiae. Journal of Structural Biology, 2016, 193, 157-161.	1.3	25
16	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
17	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
18	A fluorescent reporter for mapping cellular proteinâ€protein interactions in time and space. Molecular Systems Biology, 2013, 9, 647.	3.2	21

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19	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
20	The Splitâ€Ubiquitin Sensor: Measuring Interactions and Conformational Alterations of Proteins In Vivo. Methods in Enzymology, 2005, 399, 757-776.	0.4	18
21	Identification of Cell Cycle Dependent Interaction Partners of the Septins by Quantitative Mass Spectrometry. PLoS ONE, 2016, 11, e0148340.	1.1	18
22	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
23	Stepwise and cooperative assembly of a cytokinetic core complex in yeast Saccharomyces cerevisiae. Journal of Cell Science, 2014, 127, 3614-24.	1.2	15
24	An Interaction Network of the Human SEPT9 Established by Quantitative Mass Spectrometry. G3: Genes, Genomes, Genetics, 2019, 9, 1869-1880.	0.8	15
25	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
26	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
27	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
28	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
29	Detection of a conformational change in Gî³ upon binding Gî² in living cells. FEBS Letters, 2001, 505, 75-80.	1.3	11
30	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
31	Dissecting the nucleotide binding properties of the septins from S. cerevisiae. Cytoskeleton, 2019, 76, 45-54.	1.0	10
32	Type V myosin focuses the polarisome and shapes the tip of yeast cells. Journal of Cell Biology, 2021, 220, .	2.3	10
33	YFR016c/Aip5 is part of an actin nucleation complex in yeast. Biology Open, 2019, 8, .	0.6	9
34	A time-resolved interaction analysis of Bem1 reconstructs the flow of Cdc42 during polar growth. Life Science Alliance, 2020, 3, e202000813.	1.3	8
35	Biochemical Characterization of a Human Septin Octamer. Frontiers in Cell and Developmental Biology, 2022, 10, 771388.	1.8	6
36	A Split-Ubiquitin Based Strategy Selecting for Protein Complex-Interfering Mutations. G3: Genes, Genomes, Genetics, 2016, 6, 2809-2815.	0.8	3

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37	Mitotic entry elucidated with bacterial toxin toolbox. Cell Cycle, 2014, 13, 2159-2159.	1.3	0