

Gwenal Rabut

List of Publications by Citations

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Version: 2024-04-27

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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.

23
papers

2,778
citations

20
h-index

26
g-index

26
ext. papers

3,055
ext. citations

9.3
avg, IF

4.61
L-index

#	Paper	IF	Citations
23	Mapping the dynamic organization of the nuclear pore complex inside single living cells. <i>Nature Cell Biology</i> , 2004 , 6, 1114-21	23.4	364
22	A complex of N-WASP and WIP integrates signalling cascades that lead to actin polymerization. <i>Nature Cell Biology</i> , 2000 , 2, 441-8	23.4	284
21	An evolutionarily conserved NPC subcomplex, which redistributes in part to kinetochores in mammalian cells. <i>Journal of Cell Biology</i> , 2001 , 154, 1147-60	7.3	276
20	Function and regulation of protein neddylation. X Protein modifications: beyond the usual suspectsX review series. <i>EMBO Reports</i> , 2008 , 9, 969-76	6.5	242
19	The entire Nup107-160 complex, including three new members, is targeted as one entity to kinetochores in mitosis. <i>Molecular Biology of the Cell</i> , 2004 , 15, 3333-44	3.5	218
18	Systematic kinetic analysis of mitotic dis- and reassembly of the nuclear pore in living cells. <i>Journal of Cell Biology</i> , 2008 , 180, 857-65	7.3	197
17	Differential inhibition of human immunodeficiency virus type 1 fusion, gp120 binding, and CC-chemokine activity by monoclonal antibodies to CCR5. <i>Journal of Virology</i> , 1999 , 73, 4145-55	6.6	182
16	Protein quality control at the inner nuclear membrane. <i>Nature</i> , 2014 , 516, 410-3	50.4	134
15	Nuclear envelope breakdown in starfish oocytes proceeds by partial NPC disassembly followed by a rapidly spreading fenestration of nuclear membranes. <i>Journal of Cell Biology</i> , 2003 , 160, 1055-68	7.3	126
14	Automatic real-time three-dimensional cell tracking by fluorescence microscopy. <i>Journal of Microscopy</i> , 2004 , 216, 131-7	1.9	123
13	Alanine substitutions of polar and nonpolar residues in the amino-terminal domain of CCR5 differently impair entry of macrophage- and dualtropic isolates of human immunodeficiency virus type 1. <i>Journal of Virology</i> , 1998 , 72, 3464-8	6.6	109
12	Dynamics of nuclear pore complex organization through the cell cycle. <i>Current Opinion in Cell Biology</i> , 2004 , 16, 314-21	9	81
11	RanBP2/Nup358 provides a major binding site for NXF1-p15 dimers at the nuclear pore complex and functions in nuclear mRNA export. <i>Molecular and Cellular Biology</i> , 2004 , 24, 1155-67	4.8	79
10	CSN- and CAND1-dependent remodelling of the budding yeast SCF complex. <i>Nature Communications</i> , 2013 , 4, 1641	17.4	76
9	Rtt101 and Mms1 in budding yeast form a CUL4(DDB1)-like ubiquitin ligase that promotes replication through damaged DNA. <i>EMBO Reports</i> , 2008 , 9, 1034-40	6.5	76
8	Fluorescence perturbation techniques to study mobility and molecular dynamics of proteins in live cells: FRAP, photoactivation, photoconversion, and FLIP. <i>Cold Spring Harbor Protocols</i> , 2010 , 2010, pdb.top90	1.2	70
7	Expression of EGFP-amino-tagged human mu opioid receptor in Drosophila Schneider 2 cells: a potential expression system for large-scale production of G-protein coupled receptors. <i>Protein Expression and Purification</i> , 2003 , 31, 123-32	2	40

6	The TFIIH subunit Tfb3 regulates cullin neddylation. <i>Molecular Cell</i> , 2011 , 43, 488-95	17.6	35
5	Structural analysis of the conserved ubiquitin-binding motifs (UBMs) of the translesion polymerase iota in complex with ubiquitin. <i>Journal of Biological Chemistry</i> , 2011 , 286, 1364-73	5.4	34
4	Nucleocytoplasmic transport: diffusion channel or phase transition?. <i>Current Biology</i> , 2001 , 11, R551-4	6.3	21
3	Sensitive detection of protein ubiquitylation using a protein fragment complementation assay. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	4
2	Bimolecular Fluorescence Complementation to Assay the Interactions of Ubiquitylation Enzymes in Living Yeast Cells. <i>Methods in Molecular Biology</i> , 2016 , 1449, 223-41	1.4	3
1	Protein-fragment complementation assays for large-scale analysis of protein-protein interactions. <i>Biochemical Society Transactions</i> , 2021 , 49, 1337-1348	5.1	2