Chris Williams

List of Publications by Year
in descending order

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23 papers	906 citations	623734 14 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	950 citing authors

#	Article	IF	Citations
1	A Conserved Cysteine Is Essential for Pex4p-dependent Ubiquitination of the Peroxisomal Import Receptor Pex5p. Journal of Biological Chemistry, 2007, 282, 22534-22543.	3.4	186
2	Membrane curvature during peroxisome fission requires Pex11. EMBO Journal, 2011, 30, 5-16.	7.8	119
3	Pex10p functions as an E3 ligase for the Ubc4p-dependent ubiquitination of Pex5p. Biochemical and Biophysical Research Communications, 2008, 374, 620-624.	2.1	84
4	The membrane remodeling protein Pex11p activates the GTPase Dnm1p during peroxisomal fission. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6377-6382.	7.1	69
5	Pex13p: Docking or cargo handling protein?. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 1585-1591.	4.1	64
6	Peroxisomal Proteostasis Involves a Lon Family Protein That Functions as Protease and Chaperone. Journal of Biological Chemistry, 2012, 287, 27380-27395.	3.4	54
7	Insights into ubiquitin-conjugating enzyme/ co-activator interactions from the structure of the Pex4p:Pex22p complex. EMBO Journal, 2012, 31, 391-402.	7.8	52
8	Improved mycobacterial protein production using a Mycobacterium smegmatis groEL1Î”Cexpression strain. BMC Biotechnology, 2011, 11, 27.	3.3	51
9	Saccharomyces cerevisiaePex14p contains two independent Pex5p binding sites, which are both essential for PTS1 protein import. FEBS Letters, 2005, 579, 3416-3420.	2.8	33
10	The relevance of the non-canonical PTS1 of peroxisomal catalase. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1133-1141.	4.1	30
11	Pexophagy-linked degradation of the peroxisomal membrane protein Pex3p involves the ubiquitinâ€“proteasome system. Biochemical and Biophysical Research Communications, 2013, 438, 395-401.	2.1	30
12	Stress exposure results in increased peroxisomal levels of yeast Pnc1 and Gpd1, which are imported via a piggy-backing mechanism. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 148-156.	4.1	30
13	Crystal structure of the S187F variant of human liver alanine: Aminotransferase associated with primary hyperoxaluria type I and its functional implications. Proteins: Structure, Function and Bioinformatics, 2013, 81, 1457-1465.	2.6	24
14	Insights into the Role of the Peroxisomal Ubiquitination Machinery in Pex13p Degradation in the Yeast Hansenula polymorpha. Journal of Molecular Biology, 2018, 430, 1545-1558.	4.2	16
15	Peroxin 5: A cycling receptor for protein translocation into peroxisomes. International Journal of Biochemistry and Cell Biology, 2010, 42, 1771-1774.	2.8	10
16	Structural features of peroxisomal catalase from the yeastHansenula polymorpha. Acta Crystallographica Section D: Biological Crystallography, 2011, 67, 690-698.	2.5	10
17	A disulphide bond in the E2 enzyme Pex4p modulates ubiquitin-conjugating activity. Scientific Reports, 2013, 3, 2212.	3.3	10
18	The Peroxisomal Targeting Signal 1 in sterol carrier protein 2 is autonomous and essential for receptor recognition. BMC Biochemistry, 2011, 12, 12.	4.4	9

#	Article	IF	Citations
19	Going against the flow: A case for peroxisomal protein export. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1386-1392.	4.1	9
20	Structural insights into K48-linked ubiquitin chain formation by the Pex4p-Pex22p complex. Biochemical and Biophysical Research Communications, 2018, 496, 562-567.	2.1	6
21	Hansenula polymorpha Aat2p is targeted to peroxisomes via a novel Pex20pâ€dependent pathway. FEBS Letters, 2018, 592, 2466-2475.	2.8	5
22	Target and identify: triazene linker helps identify azidation sites of labelled proteins via click and cleave strategy. Chemical Communications, 2017, 53, 11929-11932.	4.1	3
23	The Pex4pâ€“Pex22p complex fromHansenula polymorpha: biophysical analysis, crystallization and X-ray diffraction characterization. Acta Crystallographica Section F, Structural Biology Communications, 2018, 74, 76-81.	0.8	2