

Chris Williams

List of Publications by Year in descending order

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Version: 2024-02-01

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	The Pex4p-Pex22p complex from <i>Hansenula polymorpha</i> : biophysical analysis, crystallization and X-ray diffraction characterization. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 76-81.	0.8	2
2	Structural insights into K48-linked ubiquitin chain formation by the Pex4p-Pex22p complex. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 562-567.	2.1	6
3	Insights into the Role of the Peroxisomal Ubiquitination Machinery in Pex13p Degradation in the Yeast <i>Hansenula polymorpha</i> . <i>Journal of Molecular Biology</i> , 2018, 430, 1545-1558.	4.2	16
4	<i>Hansenula polymorpha</i> Aat2p is targeted to peroxisomes via a novel Pex20p-dependent pathway. <i>FEBS Letters</i> , 2018, 592, 2466-2475.	2.8	5
5	Target and identify: triazene linker helps identify azidation sites of labelled proteins via click and cleave strategy. <i>Chemical Communications</i> , 2017, 53, 11929-11932.	4.1	3
6	Stress exposure results in increased peroxisomal levels of yeast Pnc1 and Gpd1, which are imported via a piggy-backing mechanism. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 148-156.	4.1	30
7	The membrane remodeling protein Pex11p activates the GTPase Dnm1p during peroxisomal fission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6377-6382.	7.1	69
8	Going against the flow: A case for peroxisomal protein export. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1386-1392.	4.1	9
9	Crystal structure of the S187F variant of human liver alanine: Aminotransferase associated with primary hyperoxaluria type I and its functional implications. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 1457-1465.	2.6	24
10	Pexophagy-linked degradation of the peroxisomal membrane protein Pex3p involves the ubiquitin-proteasome system. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 395-401.	2.1	30
11	A disulphide bond in the E2 enzyme Pex4p modulates ubiquitin-conjugating activity. <i>Scientific Reports</i> , 2013, 3, 2212.	3.3	10
12	Insights into ubiquitin-conjugating enzyme/ co-activator interactions from the structure of the Pex4p:Pex22p complex. <i>EMBO Journal</i> , 2012, 31, 391-402.	7.8	52
13	Peroxisomal Proteostasis Involves a Lon Family Protein That Functions as Protease and Chaperone. <i>Journal of Biological Chemistry</i> , 2012, 287, 27380-27395.	3.4	54
14	The relevance of the non-canonical PTS1 of peroxisomal catalase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1133-1141.	4.1	30
15	Membrane curvature during peroxisome fission requires Pex11. <i>EMBO Journal</i> , 2011, 30, 5-16.	7.8	119
16	Improved mycobacterial protein production using a <i>Mycobacterium smegmatis</i> groEL1 ⁺ expression strain. <i>BMC Biotechnology</i> , 2011, 11, 27.	3.3	51
17	Structural features of peroxisomal catalase from the yeast <i>Hansenula polymorpha</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 690-698.	2.5	10
18	The Peroxisomal Targeting Signal 1 in sterol carrier protein 2 is autonomous and essential for receptor recognition. <i>BMC Biochemistry</i> , 2011, 12, 12.	4.4	9

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19	Peroxin 5: A cycling receptor for protein translocation into peroxisomes. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1771-1774.	2.8	10
20	Pex10p functions as an E3 ligase for the Ubc4p-dependent ubiquitination of Pex5p. <i>Biochemical and Biophysical Research Communications</i> , 2008, 374, 620-624.	2.1	84
21	A Conserved Cysteine Is Essential for Pex4p-dependent Ubiquitination of the Peroxisomal Import Receptor Pex5p. <i>Journal of Biological Chemistry</i> , 2007, 282, 22534-22543.	3.4	186
22	Pex13p: Docking or cargo handling protein?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 1585-1591.	4.1	64
23	<i>Saccharomyces cerevisiae</i> Pex14p contains two independent Pex5p binding sites, which are both essential for PTS1 protein import. <i>FEBS Letters</i> , 2005, 579, 3416-3420.	2.8	33