

Ralf Erdmann

List of Publications by Year in descending order

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147
papers

15,224
citations

25034

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18647

119
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154
all docs

154
docs citations

154
times ranked

17109
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	A unified nomenclature for peroxisome biogenesis factors.. <i>Journal of Cell Biology</i> , 1996, 135, 1-3.	5.2	398
3	PAS1, a yeast gene required for peroxisome biogenesis, encodes a member of a novel family of putative ATPases. <i>Cell</i> , 1991, 64, 499-510.	28.9	346
4	Isolation of peroxisome-deficient mutants of <i>Saccharomyces cerevisiae</i> .. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 5419-5423.	7.1	329
5	Pex14p, a Peroxisomal Membrane Protein Binding Both Receptors of the Two PTS-Dependent Import Pathways. <i>Cell</i> , 1997, 89, 83-92.	28.9	315
6	Yeast cell cycle protein CDC48p shows full-length homology to the mammalian protein VCP and is a member of a protein family involved in secretion, peroxisome formation, and gene expression.. <i>Journal of Cell Biology</i> , 1991, 114, 443-453.	5.2	301
7	Giant peroxisomes in oleic acid-induced <i>Saccharomyces cerevisiae</i> lacking the peroxisomal membrane protein Pmp27p.. <i>Journal of Cell Biology</i> , 1995, 128, 509-523.	5.2	286
8	PAS7 encodes a novel yeast member of the WD-40 protein family essential for import of 3-oxoacyl-CoA thiolase, a PTS2-containing protein, into peroxisomes.. <i>EMBO Journal</i> , 1994, 13, 4908-4918.	7.8	276
9	The peroxisomal importomer constitutes a large and highly dynamic pore. <i>Nature Cell Biology</i> , 2010, 12, 273-277.	10.3	276
10	<i>Saccharomyces cerevisiae</i> Pex3p and Pex19p are required for proper localization and stability of peroxisomal membrane proteins. <i>EMBO Journal</i> , 2000, 19, 223-233.	7.8	252
11	Identification of Pex13p a peroxisomal membrane receptor for the PTS1 recognition factor.. <i>Journal of Cell Biology</i> , 1996, 135, 111-121.	5.2	228
12	Functional role of the AAA peroxins in dislocation of the cycling PTS1 receptor back to the cytosol. <i>Nature Cell Biology</i> , 2005, 7, 817-822.	10.3	211
13	Proteomics Characterization of Mouse Kidney Peroxisomes by Tandem Mass Spectrometry and Protein Correlation Profiling. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 2045-2057.	3.8	210
14	Dynamamin-related proteins Vps1p and Dnm1p control peroxisome abundance in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Science</i> , 2006, 119, 3994-4001.	2.0	199
15	Ubiquitination of the peroxisomal import receptor Pex5p is required for its recycling. <i>Journal of Cell Biology</i> , 2007, 177, 197-204.	5.2	184
16	Identification and functional reconstitution of the yeast peroxisomal adenine nucleotide transporter. <i>EMBO Journal</i> , 2001, 20, 5049-5059.	7.8	182
17	Pex19p, a Farnesylated Protein Essential for Peroxisome Biogenesis. <i>Molecular and Cellular Biology</i> , 1998, 18, 616-628.	2.3	178
18	Involvement of Pex13p in Pex14p Localization and Peroxisomal Targeting Signal 2â€“dependent Protein Import into Peroxisomes. <i>Journal of Cell Biology</i> , 1999, 144, 1151-1162.	5.2	178

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19	Peroxisomal matrix protein import: the transient pore model. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 738-742.	37.0	174
20	Pex2 and Pex12 Function as Protein-Ubiquitin Ligases in Peroxisomal Protein Import. <i>Molecular and Cellular Biology</i> , 2009, 29, 5505-5516.	2.3	165
21	Ubiquitination of the peroxisomal import receptor Pex5p. <i>Biochemical Journal</i> , 2004, 384, 37-45.	3.7	162
22	Peroxisomal Membrane Proteins Contain Common Pex19p-binding Sites that Are an Integral Part of Their Targeting Signals. <i>Molecular Biology of the Cell</i> , 2004, 15, 3406-3417.	2.1	161
23	Recognition of a Functional Peroxisome Type 1 Target by the Dynamic Import Receptor Pex5p. <i>Molecular Cell</i> , 2006, 24, 653-663.	9.7	156
24	Dynamin-related proteins and Pex11 proteins in peroxisome division and proliferation. <i>FEBS Journal</i> , 2005, 272, 5169-5181.	4.7	150
25	Peroxisomal dynamics. <i>Trends in Cell Biology</i> , 2007, 17, 474-484.	7.9	147
26	Protein import machineries of peroxisomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 892-900.	2.6	122
27	Interactions of Pex7p and Pex18p/Pex21p with the Peroxisomal Docking Machinery: Implications for the First Steps in PTS2 Protein Import. <i>Molecular and Cellular Biology</i> , 2002, 22, 6056-6069.	2.3	120
28	Identification and Characterization of the Human Orthologue of Yeast Pex14p. <i>Molecular and Cellular Biology</i> , 1999, 19, 2265-2277.	2.3	115
29	Elongation and clustering of glycosomes in <i>Trypanosoma brucei</i> overexpressing the glycosomal Pex11p. <i>EMBO Journal</i> , 1998, 17, 3542-3555.	7.8	114
30	Conserved Function of Pex11p and the Novel Pex25p and Pex27p in Peroxisome Biogenesis. <i>Molecular Biology of the Cell</i> , 2003, 14, 4316-4328.	2.1	107
31	Targeting of the tail-anchored peroxisomal membrane proteins PEX26 and PEX15 occurs through C-terminal PEX19-binding sites. <i>Journal of Cell Science</i> , 2006, 119, 2508-2517.	2.0	107
32	Peroxisomal protein import and ERAD: variations on a common theme. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 885-890.	37.0	106
33	Membrane Association of the Cycling Peroxisome Import Receptor Pex5p. <i>Journal of Biological Chemistry</i> , 2006, 281, 27003-27015.	3.4	103
34	PAS7 encodes a novel yeast member of the WD-40 protein family essential for import of 3-oxoacyl-CoA thiolase, a PTS2-containing protein, into peroxisomes. <i>EMBO Journal</i> , 1994, 13, 4908-18.	7.8	101
35	The peroxisomal protein import machinery. <i>FEBS Letters</i> , 2007, 581, 2811-2819.	2.8	98
36	Ubp15p, a Ubiquitin Hydrolase Associated with the Peroxisomal Export Machinery. <i>Journal of Biological Chemistry</i> , 2011, 286, 28223-28234.	3.4	98

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37	Regulation of transcription of the gene coding for peroxisomal 3-oxoacyl-CoA thiolase of <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 1991, 200, 113-122.	0.2	96
38	Current Advances in Protein Import into Peroxisomes. <i>Protein Journal</i> , 2019, 38, 351-362.	1.6	93
39	IDP3 Encodes a Peroxisomal NADP-dependent Isocitrate Dehydrogenase Required for the β^2 -Oxidation of Unsaturated Fatty Acids. <i>Journal of Biological Chemistry</i> , 1998, 273, 3702-3711.	3.4	88
40	Peroxisome biogenesis. , 2003, 147, 75-121.		86
41	Pex8p, an Intraperoxisomal Peroxin of <i>Saccharomyces cerevisiae</i> Required for Protein Transport into Peroxisomes Binds the PTS1 Receptor Pex5p. <i>Journal of Biological Chemistry</i> , 2000, 275, 3593-3602.	3.4	83
42	Structural basis for competitive interactions of Pex14 with the import receptors Pex5 and Pex19. <i>EMBO Journal</i> , 2009, 28, 745-754.	7.8	82
43	The ScPex13p SH3 Domain Exposes Two Distinct Binding Sites for Pex5p and Pex14p. <i>Journal of Molecular Biology</i> , 2003, 326, 1427-1435.	4.2	80
44	Identification of a Yeast Peroxisomal Member of the Family of AMP-Binding Proteins. <i>FEBS Journal</i> , 1996, 240, 468-476.	0.2	78
45	Distinct Pores for Peroxisomal Import of PTS1 and PTS2 Proteins. <i>Cell Reports</i> , 2015, 13, 2126-2134.	6.4	78
46	Cysteine-dependent Ubiquitination of Pex18p Is Linked to Cargo Translocation across the Peroxisomal Membrane. <i>Journal of Biological Chemistry</i> , 2011, 286, 43495-43505.	3.4	76
47	Pex7p and Pex20p of <i>Neurospora crassa</i> Function Together in PTS2-dependent Protein Import into Peroxisomes. <i>Molecular Biology of the Cell</i> , 2003, 14, 810-821.	2.1	74
48	Evolving models for peroxisome biogenesis. <i>Current Opinion in Cell Biology</i> , 2014, 29, 25-30.	5.4	74
49	The peroxisomal targeting signal of 3-oxoacyl-coA thiolase from <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 1994, 10, 935-944.	1.7	72
50	Peroxisomal protein translocation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 724-731.	4.1	71
51	PEX14 is required for microtubule-based peroxisome motility in human cells. <i>Journal of Cell Science</i> , 2011, 124, 1759-1768.	2.0	71
52	Import of proteins into the peroxisomal matrix. <i>Frontiers in Physiology</i> , 2013, 4, 261.	2.8	71
53	Molecular snapshots of the Pex1/6 AAA+ complex in action. <i>Nature Communications</i> , 2015, 6, 7331.	12.8	71
54	Protein translocation machineries of peroxisomes. <i>FEBS Letters</i> , 2001, 501, 6-10.	2.8	70

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55	Function of the PEX19-binding Site of Human Adrenoleukodystrophy Protein as Targeting Motif in Man and Yeast. <i>Journal of Biological Chemistry</i> , 2005, 280, 21176-21182.	3.4	69
56	The peroxisomal receptor dislocation pathway: To the exportomer and beyond. <i>Biochimie</i> , 2014, 98, 16-28.	2.6	66
57	Super-resolution Microscopy Reveals Compartmentalization of Peroxisomal Membrane Proteins. <i>Journal of Biological Chemistry</i> , 2016, 291, 16948-16962.	3.4	66
58	Identification of a Novel, Intraperoxisomal Pex14-Binding Site in Pex13: Association of Pex13 with the Docking Complex Is Essential for Peroxisomal Matrix Protein Import. <i>Molecular and Cellular Biology</i> , 2005, 25, 3007-3018.	2.3	64
59	Molecular Requirements for Peroxisomal Targeting of Alanine-Glyoxylate Aminotransferase as an Essential Determinant in Primary Hyperoxaluria Type 1. <i>PLoS Biology</i> , 2012, 10, e1001309.	5.6	64
60	Pex9p is a novel yeast peroxisomal import receptor for PTS1-proteins. <i>Journal of Cell Science</i> , 2016, 129, 4057-4066.	2.0	64
61	A Novel Pex14 Protein-interacting Site of Human Pex5 Is Critical for Matrix Protein Import into Peroxisomes. <i>Journal of Biological Chemistry</i> , 2014, 289, 437-448.	3.4	60
62	Identification of Core Components and Transient Interactors of the Peroxisomal Importomer by Dual-Track Stable Isotope Labeling with Amino Acids in Cell Culture Analysis. <i>Journal of Proteome Research</i> , 2012, 11, 2567-2580.	3.7	59
63	Inhibitors of PEX14 disrupt protein import into glycosomes and kill <i>Trypanosoma</i> parasites. <i>Science</i> , 2017, 355, 1416-1420.	12.6	59
64	Peroxisomal Targeting of PTS2 Pre-Import Complexes in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Traffic</i> , 2009, 10, 451-460.	2.7	54
65	A genetic approach to the biogenesis of peroxisomes in the yeast <i>Saccharomyces cerevisiae</i> . <i>Cell Biochemistry and Function</i> , 1992, 10, 167-174.	2.9	53
66	The exportomer: the peroxisomal receptor export machinery. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1393-1411.	5.4	53
67	Role of Pex21p for Piggyback Import of Gpd1p and Pnc1p into Peroxisomes of <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 25333-25342.	3.4	50
68	The RING-type ubiquitin ligases Pex2p, Pex10p and Pex12p form a heteromeric complex that displays enhanced activity in an ubiquitin conjugating enzyme-selective manner. <i>FEBS Journal</i> , 2012, 279, 2060-2070.	4.7	49
69	Peroxisomal Pex11 is a pore-forming protein homologous to TRPM channels. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 271-283.	4.1	49
70	Purification and immunolocalization of the peroxisomal 3-oxoacyl-coA thiolase from <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 1994, 10, 1173-1182.	1.7	48
71	Structural and functional analysis of the interaction of the AAA-peroxins Pex1p and Pex6p. <i>FEBS Journal</i> , 2004, 272, 47-58.	4.7	47
72	Farnesylation of Pex19p Is Required for Its Structural Integrity and Function in Peroxisome Biogenesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 20885-20896.	3.4	47

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73	Allosteric modulation of peroxisomal membrane protein recognition by farnesylation of the peroxisomal import receptor PEX19. <i>Nature Communications</i> , 2017, 8, 14635.	12.8	47
74	The yeast peroxisomal adenine nucleotide transporter: characterization of two transport modes and involvement in Δ pH formation across peroxisomal membranes. <i>Biochemical Journal</i> , 2004, 381, 581-585.	3.7	43
75	Identification of PEX33, a novel component of the peroxisomal docking complex in the filamentous fungus <i>Neurospora crassa</i> . <i>European Journal of Cell Biology</i> , 2010, 89, 955-964.	3.6	43
76	The AAA peroxins Pex1p and Pex6p function as dislocases for the ubiquitinated peroxisomal import receptor Pex5p. <i>Biochemical Society Transactions</i> , 2008, 36, 99-104.	3.4	42
77	Functional association of the AAA complex and the peroxisomal importomer. <i>FEBS Journal</i> , 2006, 273, 3804-3815.	4.7	41
78	De novo synthesis of peroxisomes upon mitochondrial targeting of Pex3p. <i>European Journal of Cell Biology</i> , 2010, 89, 947-954.	3.6	41
79	Lpx1p is a peroxisomal lipase required for normal peroxisome morphology. <i>FEBS Journal</i> , 2008, 275, 504-514.	4.7	40
80	Peroxisomes as dynamic organelles: peroxisomal matrix protein import. <i>FEBS Journal</i> , 2010, 277, 3268-3278.	4.7	40
81	Peroxisomal matrix protein receptor ubiquitination and recycling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 1620-1628.	4.1	39
82	Ligand-Induced Compaction of the PEX5 Receptor Binding Cavity Impacts Protein Import Efficiency into Peroxisomes. <i>Traffic</i> , 2015, 16, 85-98.	2.7	37
83	The N-domain of Pex22p Can Functionally Replace the Pex3p N-domain in Targeting and Peroxisome Formation. <i>Journal of Biological Chemistry</i> , 2009, 284, 3906-3916.	3.4	36
84	Molecular basis of peroxisomal biogenesis disorders caused by defects in peroxisomal matrix protein import. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1326-1336.	3.8	35
85	Distinct Ubiquitination Cascades Act on the Peroxisomal Targeting Signal Type 2 Receptor Pex18p. <i>Traffic</i> , 2013, 14, 1290-1301.	2.7	35
86	Why do peroxisomes associate with the cytoskeleton?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1019-1026.	4.1	35
87	The AAA-type ATPases Pex1p and Pex6p and their role in peroxisomal matrix protein import in <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 150-158.	4.1	34
88	Protein transport across the peroxisomal membrane. <i>Biological Chemistry</i> , 2009, 390, 745-51.	2.5	32
89	Assembly, maintenance and dynamics of peroxisomes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 787-789.	4.1	31
90	The Amyloid Precursor Protein (APP) Family Members are Key Players in S-adenosylmethionine Formation by MAT2A and Modify BACE1 and PSEN1 Gene Expression-Relevance for Alzheimer's Disease. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1274-1288.	3.8	30

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91	Cysteine-specific ubiquitination protects the peroxisomal import receptor Pex5p against proteasomal degradation. <i>Bioscience Reports</i> , 2015, 35, .	2.4	29
92	Pex17p-dependent assembly of Pex14p/Dyn2p-subcomplexes of the peroxisomal protein import machinery. <i>European Journal of Cell Biology</i> , 2016, 95, 585-597.	3.6	29
93	<i>Saccharomyces cerevisiae</i> cells lacking Pex3 contain membrane vesicles that harbor a subset of peroxisomal membrane proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1656-1667.	4.1	28
94	Pex19p-dependent Targeting of Pex17p, a Peripheral Component of the Peroxisomal Protein Import Machinery. <i>Journal of Biological Chemistry</i> , 2006, 281, 19417-19425.	3.4	27
95	The phosphoinositide 3-kinase Vps34p is required for pexophagy in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2011, 434, 161-170.	3.7	27
96	Identification and functional characterization of <i>Trypanosoma brucei</i> peroxin 16. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2326-2337.	4.1	27
97	Structural Insights into Cargo Recognition by the Yeast PTS1 Receptor. <i>Journal of Biological Chemistry</i> , 2015, 290, 26610-26626.	3.4	27
98	ATP-dependent assembly of the heteromeric Pex1p-Pex6p-complex of the peroxisomal matrix protein import machinery. <i>Journal of Structural Biology</i> , 2012, 179, 126-132.	2.8	26
99	Challenges of Using Expansion Microscopy for Super-resolution Imaging of Cellular Organelles. <i>ChemBioChem</i> , 2021, 22, 686-693.	2.6	26
100	A proteomic approach towards the identification of the matrix protein content of the two types of microbodies in <i>Neurospora crassa</i> . <i>Proteomics</i> , 2010, 10, 3222-3234.	2.2	25
101	The Cytosolic Domain of Pex22p Stimulates the Pex4p-Dependent Ubiquitination of the PTS1-Receptor. <i>PLoS ONE</i> , 2014, 9, e105894.	2.5	24
102	Channel-forming activities of peroxisomal membrane proteins from the yeast <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 2009, 276, 1698-1708.	4.7	23
103	The Putative <i>Saccharomyces cerevisiae</i> Hydrolase Ldh1p Is Localized to Lipid Droplets. <i>Eukaryotic Cell</i> , 2011, 10, 770-775.	3.4	22
104	A piggybacking mechanism enables peroxisomal localization of the glyoxylate cycle enzyme Mdh2 in yeast. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	21
105	The Peroxisomal Targeting Signal 3 (PTS3) of the Budding Yeast Acyl-CoA Oxidase Is a Signal Patch. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 198.	3.7	21
106	Pex14p Phosphorylation Modulates Import of Citrate Synthase 2 Into Peroxisomes in <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 549451.	3.7	20
107	Towards the molecular architecture of the peroxisomal receptor docking complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33216-33224.	7.1	20
108	Membrane Remodeling by a Bacterial Phospholipid-Methylating Enzyme. <i>MBio</i> , 2017, 8, .	4.1	19

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109	TubStain: a universal peptide-tool to label microtubules. <i>Histochemistry and Cell Biology</i> , 2012, 138, 531-540.	1.7	18
110	Membrane Interactions of the Peroxisomal Proteins PEX5 and PEX14. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 651449.	3.7	18
111	Role of AAA + -proteins in peroxisome biogenesis and function. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 828-837.	4.1	16
112	ATP-driven processes of peroxisomal matrix protein import. <i>Biological Chemistry</i> , 2017, 398, 607-624.	2.5	16
113	Receptor recognition by the peroxisomal AAA complex depends on the presence of the ubiquitin moiety and is mediated by Pex1p. <i>Journal of Biological Chemistry</i> , 2018, 293, 15458-15470.	3.4	16
114	Characterisation of zinc-binding domains of peroxisomal RING finger proteins using size exclusion chromatography/inductively coupled plasma-mass spectrometry. <i>Biological Chemistry</i> , 2007, 388, 1209-1214.	2.5	15
115	Come, sweet death: targeting glycosomal protein import for antitrypanosomal drug development. <i>Current Opinion in Microbiology</i> , 2018, 46, 116-122.	5.1	14
116	Unraveling of the Structure and Function of Peroxisomal Protein Import Machineries. <i>Sub-Cellular Biochemistry</i> , 2018, 89, 299-321.	2.4	14
117	Evolutionary divergent PEX3 is essential for glycosome biogenesis and survival of trypanosomatid parasites. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 118520.	4.1	14
118	The deubiquitination of the PTS1-import receptor Pex5p is required for peroxisomal matrix protein import. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 199-213.	4.1	13
119	Structure-Activity Relationship in Pyrazolo[4,3-c]pyridines, First Inhibitors of PEX14-PEX5 Protein-Protein Interaction with Trypanocidal Activity. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 847-879.	6.4	13
120	Targeting of Pex8p to the peroxisomal importomer. <i>European Journal of Cell Biology</i> , 2010, 89, 924-931.	3.6	12
121	Small-Scale Purification of Peroxisomes for Analytical Applications: Figure 1.. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.prot083717.	0.3	10
122	Nucleotide-dependent assembly of the peroxisomal receptor export complex. <i>Scientific Reports</i> , 2016, 6, 19838.	3.3	10
123	Fluidity and Lipid Composition of Membranes of Peroxisomes, Mitochondria and the ER From Oleic Acid-Induced <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 574363.	3.7	10
124	Competitive Microtubule Binding of PEX14 Coordinates Peroxisomal Protein Import and Motility. <i>Journal of Molecular Biology</i> , 2021, 433, 166765.	4.2	10
125	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
126	Peroxisomal Import Reduces the Proapoptotic Activity of Deubiquitinating Enzyme USP2. <i>PLoS ONE</i> , 2015, 10, e0140685.	2.5	9

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127	Isolation of Peroxisomes from Yeast. Cold Spring Harbor Protocols, 2015, 2015, pdb.top074500.	0.3	7
128	Inhibitors of glycosomal protein import provide new leads against trypanosomiasis. Microbial Cell, 2017, 4, 229-232.	3.2	7
129	Membrane Processing and Steady-State Regulation of the Alternative Peroxisomal Import Receptor Pex9p. Frontiers in Cell and Developmental Biology, 2020, 8, 566321.	3.7	6
130	Topogenesis of peroxisomal proteins does not require a functional cytoplasm-to-vacuole transport. European Journal of Cell Biology, 2005, 84, 799-807.	3.6	5
131	Large-Scale Purification of Peroxisomes for Preparative Applications. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot083725.	0.3	5
132	Dissection of membrane-binding and -remodeling regions in two classes of bacterial phospholipid N-methyltransferases. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 2279-2288.	2.6	5
133	A Monoclonal Antibody for <i>in vivo</i> Detection of Peroxisome-associated PTS1 Receptor. Hybridoma, 2011, 30, 387-391.	0.4	4
134	Isolation of Native Soluble and Membrane-Bound Protein Complexes from Yeast <i>Saccharomyces cerevisiae</i> . Methods in Molecular Biology, 2017, 1595, 37-44.	0.9	4
135	Functional Analyses of a Putative, Membrane-Bound, Peroxisomal Protein Import Mechanism from the Apicomplexan Protozoan <i>Toxoplasma gondii</i> . Genes, 2018, 9, 434.	2.4	4
136	Novel Trypanocidal Inhibitors that Block Glycosome Biogenesis by Targeting PEX3â€“PEX19 Interaction. Frontiers in Cell and Developmental Biology, 2021, 9, 737159.	3.7	4
137	AAA ATPases: Structure and function. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1.	4.1	3
138	Current advances in the function and biogenesis of peroxisomes and their roles in health and disease. Histochemistry and Cell Biology, 2021, 155, 513-524.	1.7	3
139	iBRET Screen of the ABCD1 Peroxisomal Network and Mutation-Induced Network Perturbations. Journal of Proteome Research, 2021, 20, 4366-4380.	3.7	3
140	Using Pull Down Strategies to Analyze the Interactome of Peroxisomal Membrane Proteins in Human Cells. Sub-Cellular Biochemistry, 2018, 89, 261-285.	2.4	2
141	Function of the Ubiquitinâ€“Conjugating Enzyme Pex4p and the AAA Peroxin Complex Pex1p/Pex6p in Peroxisomal Matrix Protein Transport. The Enzymes, 2007, , 541-572.	1.7	1
142	The novel peroxin Pex37: the Pxmp2 family joins the peroxisomal fission machinery. FEBS Journal, 2020, 287, 1737-1741.	4.7	1
143	Computer-Aided Design and Synthesis of a New Class of PEX14 Inhibitors: Substituted 2,3,4,5-Tetrahydrobenzo[F][1,4]oxazepines as Potential New Trypanocidal Agents. Journal of Chemical Information and Modeling, 2021, 61, 5256-5268.	5.4	1
144	The Peroxisomal Exportomer. , 2014, , 347-370.		1

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145	Prenylated Proteins in Peroxisome Biogenesis. The Enzymes, 2011, , 43-58.	1.7	0
146	In Cellulo Approaches to Study Peroxisomal Protein Import â€œ Yeast Immunofluorescence Microscopy. Methods in Molecular Biology, 2017, 1595, 191-196.	0.9	0
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