

Harald W Platta

List of Publications by Year in descending order

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49
papers

8,824
citations

186265

28
h-index

233421

45
g-index

49
all docs

49
docs citations

49
times ranked

16644
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	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	1,430
3	Endocytosis and signaling. <i>Current Opinion in Cell Biology</i> , 2011, 23, 393-403.	5.4	249
4	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
5	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
6	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
7	Ubiquitination of the peroxisomal import receptor Pex5p. <i>Biochemical Journal</i> , 2004, 384, 37-45.	3.7	162
8	Peroxisomal dynamics. <i>Trends in Cell Biology</i> , 2007, 17, 474-484.	7.9	147
9	Nedd4-dependent lysine-11-linked polyubiquitination of the tumour suppressor Beclin 1. <i>Biochemical Journal</i> , 2012, 441, 399-406.	3.7	134
10	mTOR: A Cellular Regulator Interface in Health and Disease. <i>Cells</i> , 2019, 8, 18.	4.1	109
11	Membrane Association of the Cycling Peroxisome Import Receptor Pex5p. <i>Journal of Biological Chemistry</i> , 2006, 281, 27003-27015.	3.4	103
12	The peroxisomal protein import machinery. <i>FEBS Letters</i> , 2007, 581, 2811-2819.	2.8	98
13	Ubp15p, a Ubiquitin Hydrolase Associated with the Peroxisomal Export Machinery. <i>Journal of Biological Chemistry</i> , 2011, 286, 28223-28234.	3.4	98
14	Ubiquitination and phosphorylation of Beclin 1 and its binding partners: Tuning class III phosphatidylinositol 3-kinase activity and tumor suppression. <i>FEBS Letters</i> , 2012, 586, 1584-1591.	2.8	77
15	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
16	Import of proteins into the peroxisomal matrix. <i>Frontiers in Physiology</i> , 2013, 4, 261.	2.8	71
17	The peroxisomal receptor dislocation pathway: To the exportomer and beyond. <i>Biochimie</i> , 2014, 98, 16-28.	2.6	66
18	The exportomer: the peroxisomal receptor export machinery. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1393-1411.	5.4	53

#	ARTICLE	IF	CITATIONS
19	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
20	Regulation of peroxisomal matrix protein import by ubiquitination. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 838-849.	4.1	46
21	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
22	Regulation of peroxisome dynamics by phosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1027-1037.	4.1	41
23	Autophagy-Related Deubiquitinating Enzymes Involved in Health and Disease. <i>Cells</i> , 2015, 4, 596-621.	4.1	40
24	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
25	Distinct Ubiquitination Cascades Act on the Peroxisomal Targeting Signal Type 2 Co-receptor Pex18p. <i>Traffic</i> , 2013, 14, 1290-1301.	2.7	35
26	Regulation of the Tumor-Suppressor BECLIN 1 by Distinct Ubiquitination Cascades. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2541.	4.1	35
27	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
28	Protein transport across the peroxisomal membrane. <i>Biological Chemistry</i> , 2009, 390, 745-51.	2.5	32
29	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
30	Cysteine-specific ubiquitination protects the peroxisomal import receptor Pex5p against proteasomal degradation. <i>Bioscience Reports</i> , 2015, 35, .	2.4	29
31	Regulation of the Tumor-Suppressor Function of the Class III Phosphatidylinositol 3-Kinase Complex by Ubiquitin and SUMO. <i>Cancers</i> , 2015, 7, 1-29.	3.7	28
32	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
33	The PtdIns3P-Binding Protein Phafin 2 Mediates Epidermal Growth Factor Receptor Degradation by Promoting Endosome Fusion. <i>Traffic</i> , 2012, 13, 1547-1563.	2.7	27
34	Structural Insights into Cargo Recognition by the Yeast PTS1 Receptor. <i>Journal of Biological Chemistry</i> , 2015, 290, 26610-26626.	3.4	27
35	The Cytosolic Domain of Pex22p Stimulates the Pex4p-Dependent Ubiquitination of the PTS1-Receptor. <i>PLoS ONE</i> , 2014, 9, e105894.	2.5	24
36	FE65 regulates and interacts with the Bloom syndrome protein in dynamic nuclear spheres - potential relevance to Alzheimer's disease. <i>Journal of Cell Science</i> , 2013, 126, 2480-92.	2.0	21

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37	The class III phosphatidylinositol 3-kinase Vps34 in <i>Saccharomyces cerevisiae</i> . <i>Biological Chemistry</i> , 2017, 398, 677-685.	2.5	18
38	ATP-driven processes of peroxisomal matrix protein import. <i>Biological Chemistry</i> , 2017, 398, 607-624.	2.5	16
39	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
40	Vac8 Controls Vacuolar Membrane Dynamics during Different Autophagy Pathways in <i>Saccharomyces cerevisiae</i> . <i>Cells</i> , 2019, 8, 661.	4.1	11
41	Vps10-mediated targeting of Pep4 determines the activity of the vacuole in a substrate-dependent manner. <i>Scientific Reports</i> , 2019, 9, 10557.	3.3	10
42	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
43	The Peroxisomal PTS1-Import Defect of PEX1- Deficient Cells Is Independent of Pexophagy in <i>Saccharomyces cerevisiae</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 867.	4.1	6
44	Function of the Ubiquitin-Conjugating Enzyme Pex4p and the AAA Peroxin Complex Pex1p/Pex6p in Peroxisomal Matrix Protein Transport. <i>The Enzymes</i> , 2007, , 541-572.	1.7	1
45	The novel peroxin Pex37: the Pxmp2 family joins the peroxisomal fission machinery. <i>FEBS Journal</i> , 2020, 287, 1737-1741.	4.7	1
46	The cycling peroxisomal targeting signal type 1 - receptor Pex5p: reaching the circle's end with ubiquitin. <i>International Journal of Mechanical Engineering and Applications</i> , 0, , .	0.3	1
47	The Peroxisomal Exportomer. , 2014, , 347-370.		1
48	Autophagy Stimulus-Dependent Role of the Small GTPase Ras2 in Peroxisome Degradation. <i>Biomolecules</i> , 2020, 10, 1553.	4.0	0
49	The ides of MARCH5: The E3 ligase essential for peroxisome degradation by pexophagy. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	0