

Oliver H WeiergrÄœber

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3549600/publications.pdf>

Version: 2024-02-01

47
papers

2,690
citations

304368
22
h-index

205818
48
g-index

49
all docs

49
docs citations

49
times ranked

3569
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of Pyrrolidine-2,3-diones as Novel Inhibitors of <i>P. aeruginosa</i> PBP3. <i>Antibiotics</i> , 2021, 10, 529.	1.5	11
2	Biochemical and Initial Structural Characterization of the Monocot Chimeric Jacalin OsJAC1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5639.	1.8	8
3	Interaction Mode of the Novel Monobactam AIC499 Targeting Penicillin Binding Protein 3 of Gram-Negative Bacteria. <i>Biomolecules</i> , 2021, 11, 1057.	1.8	10
4	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (edition 4.3 1,430	4.3	1,430
5	Conformational heterogeneity coupled with I ² -fibril formation of a scaffold protein involved in chronic mental illnesses. <i>Translational Psychiatry</i> , 2021, 11, 639.	2.4	9
6	Deficiency of GABARAP but Not Its Paralogs Causes Enhanced EGF-Induced EGFR Degradation. <i>Cells</i> , 2020, 9, 1296.	1.8	3
7	Solution structure of the autophagy-related protein LC3C reveals a polyproline II motif on a mobile tether with phosphorylation site. <i>Scientific Reports</i> , 2019, 9, 14167.	1.6	15
8	Autophagy-Related Proteins GABARAP and LC3B Label Structures of Similar Size but Different Shape in Super-Resolution Imaging. <i>Molecules</i> , 2019, 24, 1833.	1.7	4
9	Phosphorylated tyrosine 93 of hepatitis C virus nonstructural protein 5A is essential for interaction with host c-Src and efficient viral replication. <i>Journal of Biological Chemistry</i> , 2019, 294, 7388-7402.	1.6	5
10	Structural Studies of Autophagy-Related Proteins. <i>Methods in Molecular Biology</i> , 2019, 1880, 17-56.	0.4	2
11	Biophysical insights from a single chain camelid antibody directed against the Disrupted-in-Schizophrenia 1 protein. <i>PLoS ONE</i> , 2018, 13, e0191162.	1.1	7
12	A structural organization for the Disrupted in Schizophrenia 1 protein, identified by high-throughput screening, reveals distinctly folded regions, which are bisected by mental illness-related mutations. <i>Journal of Biological Chemistry</i> , 2017, 292, 6468-6477.	1.6	22
13	The Atg8 Family of Proteinsâ€™ Modulating Shape and Functionality of Autophagic Membranes. <i>Frontiers in Genetics</i> , 2017, 8, 109.	1.1	36
14	Investigating Structure and Dynamics of Atg8 Family Proteins. <i>Methods in Enzymology</i> , 2017, 587, 115-142.	0.4	5
15	TWISTED DWARF1 Mediates the Action of Auxin Transport Inhibitors on Actin Cytoskeleton Dynamics. <i>Plant Cell</i> , 2016, 28, 930-948.	3.1	88
16	Statically Adsorbed Coatings for High Separation Efficiency and Resolution in CEâ€™MS Peptide Analysis: Strategies and Implementation. <i>Methods in Molecular Biology</i> , 2016, 1483, 53-75.	0.4	2
17	Trading off stability against activity in extremophilic aldolases. <i>Scientific Reports</i> , 2016, 6, 17908.	1.6	48
18	Mechanism-based inhibition of an aldolase at high concentrations of its natural substrate acetaldehyde: structural insights and protective strategies. <i>Chemical Science</i> , 2016, 7, 4492-4502.	3.7	49

#	ARTICLE	IF	CITATIONS
19	Sequence-specific ¹ H, ¹⁵ N, and ¹³ C resonance assignments of the autophagy-related protein LC3C. Biomolecular NMR Assignments, 2016, 10, 41-43.	0.4	2
20	The mammalian autophagy initiator complex contains 2 HORMA domain proteins. Autophagy, 2015, 11, 2300-2308.	4.3	26
21	Conformational Polymorphism in Autophagy-Related Protein GATE-16. Biochemistry, 2015, 54, 5469-5479.	1.2	17
22	Interaction of Bcl-2 with the Autophagy-related GABAA Receptor-associated Protein (GABARAP). Journal of Biological Chemistry, 2013, 288, 37204-37215.	1.6	27
23	Revisiting Disrupted-in-Schizophrenia 1 as a scaffold protein. Biological Chemistry, 2013, 394, 1425-1437.	1.2	35
24	Three-dimensional structure of a schistosome serpin revealing an unusual configuration of the helical subdomain. Acta Crystallographica Section D: Biological Crystallography, 2012, 68, 686-694.	2.5	6
25	Assessment of GABARAP self-association by its diffusion properties. Journal of Biomolecular NMR, 2010, 48, 49-58.	1.6	10
26	Comparative modeling of human NSF reveals a possible binding mode of GABARAP and GATE-16. Proteins: Structure, Function and Bioinformatics, 2009, 77, 637-646.	1.5	17
27	Structural framework of the GABARAP-calreticulin interface and its implications for substrate binding to endoplasmic reticulum chaperones. FEBS Journal, 2009, 276, 1140-1152.	2.2	42
28	Structural characterization of GABARAP-ligand interactions. Molecular BioSystems, 2009, 5, 575.	2.9	6
29	Ligand Binding Mode of GABAA Receptor-Associated Protein. Journal of Molecular Biology, 2008, 381, 1320-1331.	2.0	46
30	Hepatic Encephalopathy. Seminars in Liver Disease, 2008, 28, 070-080.	1.8	105
31	Crystal structure of a plant immunophilin domain involved in regulation of MDR-type ABC transporters. FEBS Letters, 2006, 580, 251-255.	1.3	22
32	Crystal Structure of a Multi-domain Immunophilin from Arabidopsis thaliana: A Paradigm for Regulation of Plant ABC Transporters. Journal of Molecular Biology, 2006, 364, 799-809.	2.0	27
33	The Twisted Dwarf's ABC. Plant Signaling and Behavior, 2006, 1, 277-280.	1.2	20
34	Tuning of a Neuronal Calcium Sensor. Journal of Biological Chemistry, 2006, 281, 37594-37602.	1.6	53
35	Crystallization and preliminary X-ray analysis of immunophilin-like FKBP42 from Arabidopsis thaliana. Acta Crystallographica Section F: Structural Biology Communications, 2005, 61, 363-365.	0.7	5
36	One of the Ca ²⁺ binding sites of recoverin exclusively controls interaction with rhodopsin kinase. Biological Chemistry, 2005, 386, 285-9.	1.2	9

#	ARTICLE	IF	CITATIONS
37	Functional Restoration of the Ca ²⁺ -myristoyl Switch in a Recoverin Mutant. Journal of Molecular Biology, 2003, 330, 409-418.	2.0	13
38	Involvement of Integrins in Osmosensing and Signaling toward Autophagic Proteolysis in Rat Liver. Journal of Biological Chemistry, 2003, 278, 27088-27095.	1.6	95
39	Impact of N-terminal Myristoylation on the Ca ²⁺ -dependent Conformational Transition in Recoverin. Journal of Biological Chemistry, 2003, 278, 22972-22979.	1.6	42
40	Glutamine and Cell Signaling in Liver. Journal of Nutrition, 2001, 131, 2509S-2514S.	1.3	51
41	Hepatocellular Hydration: Signal Transduction and Functional Implications. Cellular Physiology and Biochemistry, 2000, 10, 409-416.	1.1	23
42	Short-Term Regulation of Canalicular Transport. Seminars in Liver Disease, 2000, Volume 20, 307-322.	1.8	74
43	Endocytosis of interleukin-6 soluble interleukin-6 receptor complex and its intralysosomal degradation. Bulletin of Experimental Biology and Medicine, 1997, 124, 1085-1087.	0.3	4
44	Use of immobilized synthetic peptides for the identification of contact sites between human interleukin-6 and its receptor. FEBS Letters, 1996, 379, 122-126.	1.3	29
45	A complex of the soluble interleukin-6 receptor and interleukin-6 is internalized via the signal transducer gp130. FEBS Letters, 1996, 399, 131-134.	1.3	26
46	Human CNTF and related cytokines: effects on DRG neurone survival. NeuroReport, 1995, 7, 153-157.	0.6	18
47	Soluble Human Interleukin-6 Receptor. Expression in Insect Cells, Purification and Characterization. FEBS Journal, 1995, 234, 661-669.	0.2	85