

Christian Appenzeller-Herzog

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/1163398/christian-appenzeller-herzog-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

2,895
citations

26
h-index

53
g-index

61
ext. papers

3,273
ext. citations

5.9
avg, IF

5.46
L-index

#	Paper	IF	Citations
55	The ER-Golgi intermediate compartment (ERGIC): in search of its identity and function. <i>Journal of Cell Science</i> , 2006 , 119, 2173-83	5.3	313
54	The human PDI family: versatility packed into a single fold. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008 , 1783, 535-48	4.9	292
53	The lectin ERGIC-53 is a cargo transport receptor for glycoproteins. <i>Nature Cell Biology</i> , 1999 , 1, 330-4	23.4	270
52	Bidirectional crosstalk between endoplasmic reticulum stress and mTOR signaling. <i>Trends in Cell Biology</i> , 2012 , 22, 274-82	18.3	236
51	A novel disulphide switch mechanism in Ero1alpha balances ER oxidation in human cells. <i>EMBO Journal</i> , 2008 , 27, 2977-87	13	145
50	Intracellular glutathione pools are heterogeneously concentrated. <i>Redox Biology</i> , 2013 , 1, 508-13	11.3	122
49	Redox controls UPR to control redox. <i>Journal of Cell Science</i> , 2014 , 127, 3649-58	5.3	119
48	Glutathione- and non-glutathione-based oxidant control in the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2011 , 124, 847-55	5.3	116
47	Endoplasmic reticulum: reduced and oxidized glutathione revisited. <i>Journal of Cell Science</i> , 2013 , 126, 1604-17	5.3	113
46	Disulphide production by Ero1/PDI relay is rapid and effectively regulated. <i>EMBO Journal</i> , 2010 , 29, 3318-29	13	112
45	Lectins and traffic in the secretory pathway. <i>FEBS Letters</i> , 2000 , 476, 32-7	3.8	112
44	pH-induced conversion of the transport lectin ERGIC-53 triggers glycoprotein release. <i>Journal of Biological Chemistry</i> , 2004 , 279, 12943-50	5.4	93
43	GPx8 peroxidase prevents leakage of H ₂ O ₂ from the endoplasmic reticulum. <i>Free Radical Biology and Medicine</i> , 2014 , 70, 106-16	7.8	92
42	In vivo reduction-oxidation state of protein disulfide isomerase: the two active sites independently occur in the reduced and oxidized forms. <i>Antioxidants and Redox Signaling</i> , 2008 , 10, 55-64	8.4	73
41	The antioxidant machinery of the endoplasmic reticulum: Protection and signaling. <i>Free Radical Biology and Medicine</i> , 2015 , 83, 341-51	7.8	68
40	Suppression of the Nrf2-dependent antioxidant response by glucocorticoids and 11βHSD1-mediated glucocorticoid activation in hepatic cells. <i>PLoS ONE</i> , 2012 , 7, e36774	3.7	61
39	Carbohydrate- and conformation-dependent cargo capture for ER-exit. <i>Molecular Biology of the Cell</i> , 2005 , 16, 1258-67	3.5	58

38	A luminal flavoprotein in endoplasmic reticulum-associated degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14831-6	11.5	47
37	The physiological functions of mammalian endoplasmic oxidoreductin 1: on disulfides and more. <i>Antioxidants and Redox Signaling</i> , 2012 , 16, 1109-18	8.4	46
36	A PDI-catalyzed thiol-disulfide switch regulates the production of hydrogen peroxide by human Ero1. <i>Free Radical Biology and Medicine</i> , 2015 , 83, 361-72	7.8	45
35	Hyperactivity of the Ero1 oxidase elicits endoplasmic reticulum stress but no broad antioxidant response. <i>Journal of Biological Chemistry</i> , 2012 , 287, 39513-23	5.4	45
34	Transit of H ₂ O ₂ across the endoplasmic reticulum membrane is not sluggish. <i>Free Radical Biology and Medicine</i> , 2016 , 94, 157-60	7.8	43
33	Destroy and exploit: catalyzed removal of hydroperoxides from the endoplasmic reticulum. <i>International Journal of Cell Biology</i> , 2013 , 2013, 180906	2.6	34
32	Green fluorescent protein-based monitoring of endoplasmic reticulum redox poise. <i>Frontiers in Genetics</i> , 2013 , 4, 108	4.5	29
31	The worldwide clinical trial research response to the COVID-19 pandemic - the first 100 days. <i>F1000Research</i> , 2020 , 9, 1193	3.6	28
30	Endoplasmic reticulum oxidoreductin-1 (Ero1) improves folding and secretion of mutant proinsulin and limits mutant proinsulin-induced endoplasmic reticulum stress. <i>Journal of Biological Chemistry</i> , 2013 , 288, 31010-8	5.4	27
29	ER-luminal thiol/selenol-mediated regulation of Ca ²⁺ signalling. <i>Biochemical Society Transactions</i> , 2016 , 44, 452-9	5.1	25
28	The worldwide clinical trial research response to the COVID-19 pandemic - the first 100 days. <i>F1000Research</i> , 2020 , 9, 1193	3.6	22
27	Identification of the PDI-family member ERp90 as an interaction partner of ERFAD. <i>PLoS ONE</i> , 2011 , 6, e17037	3.7	20
26	Comparative effectiveness of common therapies for Wilson disease: A systematic review and meta-analysis of controlled studies. <i>Liver International</i> , 2019 , 39, 2136-2152	7.9	18
25	Human ER Oxidoreductin-1 (Ero1) Undergoes Dual Regulation through Complementary Redox Interactions with Protein-Disulfide Isomerase. <i>Journal of Biological Chemistry</i> , 2016 , 291, 23952-23964	5.4	11
24	Ca mobilization-dependent reduction of the endoplasmic reticulum lumen is due to influx of cytosolic glutathione. <i>BMC Biology</i> , 2020 , 18, 19	7.3	10
23	Cysteines 208 and 241 in Ero1 are required for maximal catalytic turnover. <i>Redox Biology</i> , 2016 , 7, 14-20	11.3	9
22	Biochemical evidence that regulation of Ero1 activity in human cells does not involve the isoform-specific cysteine 262. <i>Bioscience Reports</i> , 2014 , 34,	4.1	6
21	Diagnosing Overtraining Syndrome: A Scoping Review. <i>Sports Health</i> , 2021 , 19417381211044739	4.7	6

20	Interventions Facilitating Family Communication of Genetic Testing Results and Cascade Screening in Hereditary Breast/Ovarian Cancer or Lynch Syndrome: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2021 , 13,	6.6	4
19	Impact of sedentary behavior on large artery structure and function in children and adolescents: a systematic review. <i>European Journal of Pediatrics</i> , 2020 , 179, 17-27	4.1	3
18	A systematic review on conservative treatment options for OSGOOD-Schlatter disease. <i>Physical Therapy in Sport</i> , 2021 , 49, 178-187	3	3
17	Outcome of right ventricular assist device implantation following left ventricular assist device implantation: Systematic review and meta-analysis. <i>Perfusion (United Kingdom)</i> , 2021 , 26765912110248179	1.9	2
16	Abductor Muscle Strength Deficit in Patients After Total Hip Arthroplasty: A Systematic Review and Meta-Analysis. <i>Journal of Arthroplasty</i> , 2021 , 36, 3015-3027	4.4	2
15	Clinical parameters and biomarkers predicting spontaneous operational tolerance after liver transplantation: a scoping review protocol. <i>F1000Research</i> , 2019 , 8, 2059	3.6	1
14	The Metabolic Signature of Cardiorespiratory Fitness: A Systematic Review. <i>Sports Medicine</i> , 2021 , 1	10.6	1
13	Abductor muscle strength deficit in patients after total hip arthroplasty for hip osteoarthritis: a protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2020 , 10, e035413	3	1
12	Antimicrobial Prophylaxis for Postoperative Urinary Tract Infections in Transurethral Resection of Bladder Tumors: A Systematic Review and Meta-Analysis. <i>Journal of Urology</i> , 2021 , 205, 987-998	2.5	1
11	The metabolic signature of cardiorespiratory fitness: a protocol for a systematic review and meta-analysis. <i>BMJ Open Sport and Exercise Medicine</i> , 2021 , 7, e001008	3.4	1
10	Using citation tracking for systematic literature searching - Study protocol for a scoping review of methodological studies and an expert survey. <i>F1000Research</i> , 2020 , 9, 1386	3.6	1
9	Prognostic factors for the occurrence of post-operative shoulder stiffness after arthroscopic rotator cuff repair: a systematic review.. <i>BMC Musculoskeletal Disorders</i> , 2022 , 23, 99	2.8	0
8	Clinical parameters and biomarkers predicting spontaneous operational tolerance after liver transplantation: A scoping review. <i>American Journal of Transplantation</i> , 2021 , 21, 3312-3323	8.7	0
7	Direct to angiography suite approaches for the triage of suspected acute stroke patients: a systematic review and meta-analysis.. <i>Therapeutic Advances in Neurological Disorders</i> , 2022 , 15, 17562864221078177	6.6	0
6	Methodological approaches for conducting follow-up research with clinical trial participants: a scoping review and expert interviews.. <i>Trials</i> , 2021 , 22, 961	2.8	0
5	Antibiotic prophylaxis in transurethral resection of bladder tumours: study protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2020 , 9, 89	3	
4	Cell biology of cysteine-based molecular switches. <i>International Journal of Cell Biology</i> , 2014 , 2014, 157038	3	
3	Hip abductor muscle strength in patients after total or unicompartmental knee arthroplasty for knee osteoarthritis or avascular necrosis: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2020 , 10, e038770	3	

2 Reply by Authors. *Journal of Urology*, **2021**, 205, 998

2.5

1 Monitoring Changes in the Oxidizing Milieu in the Endoplasmic Reticulum of Mammalian Cells Using HyPerER. *Bio-protocol*, **2021**, 11, e4076

0.9