

# Christian Appenzeller-Herzog

## List of Publications by Year in Descending Order

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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	Prognostic factors for the occurrence of post-operative shoulder stiffness after arthroscopic rotator cuff repair: a systematic review.. <i>BMC Musculoskeletal Disorders</i> , <b>2022</b> , 23, 99	2.8	0
54	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> , <b>2022</b> , 15, 17562864221078177	6.6	0
53	The Metabolic Signature of Cardiorespiratory Fitness: A Systematic Review. <i>Sports Medicine</i> , <b>2021</b> , 1	10.6	1
52	Antimicrobial Prophylaxis for Postoperative Urinary Tract Infections in Transurethral Resection of Bladder Tumors: A Systematic Review and Meta-Analysis. <i>Journal of Urology</i> , <b>2021</b> , 205, 987-998	2.5	1
51	Reply by Authors. <i>Journal of Urology</i> , <b>2021</b> , 205, 998	2.5	
50	A systematic review on conservative treatment options for OSGOOD-Schlatter disease. <i>Physical Therapy in Sport</i> , <b>2021</b> , 49, 178-187	3	3
49	Clinical parameters and biomarkers predicting spontaneous operational tolerance after liver transplantation: A scoping review. <i>American Journal of Transplantation</i> , <b>2021</b> , 21, 3312-3323	8.7	0
48	Outcome of right ventricular assist device implantation following left ventricular assist device implantation: Systematic review and meta-analysis. <i>Perfusion (United Kingdom)</i> , <b>2021</b> , 26765912110248179	17.9	2
47	Monitoring Changes in the Oxidizing Milieu in the Endoplasmic Reticulum of Mammalian Cells Using HyPerER. <i>Bio-protocol</i> , <b>2021</b> , 11, e4076	0.9	
46	The metabolic signature of cardiorespiratory fitness: a protocol for a systematic review and meta-analysis. <i>BMJ Open Sport and Exercise Medicine</i> , <b>2021</b> , 7, e001008	3.4	1
45	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> , <b>2021</b> , 13,	6.6	4
44	Abductor Muscle Strength Deficit in Patients After Total Hip Arthroplasty: A Systematic Review and Meta-Analysis. <i>Journal of Arthroplasty</i> , <b>2021</b> , 36, 3015-3027	4.4	2
43	Diagnosing Overtraining Syndrome: A Scoping Review. <i>Sports Health</i> , <b>2021</b> , 19417381211044739	4.7	6
42	Methodological approaches for conducting follow-up research with clinical trial participants: a scoping review and expert interviews.. <i>Trials</i> , <b>2021</b> , 22, 961	2.8	0
41	Ca mobilization-dependent reduction of the endoplasmic reticulum lumen is due to influx of cytosolic glutathione. <i>BMC Biology</i> , <b>2020</b> , 18, 19	7.3	10
40	Antibiotic prophylaxis in transurethral resection of bladder tumours: study protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , <b>2020</b> , 9, 89	3	
39	The worldwide clinical trial research response to the COVID-19 pandemic - the first 100 days. <i>F1000Research</i> , <b>2020</b> , 9, 1193	3.6	28

38	The worldwide clinical trial research response to the COVID-19 pandemic - the first 100 days. <i>F1000Research</i> , <b>2020</b> , 9, 1193	3.6	22
37	Impact of sedentary behavior on large artery structure and function in children and adolescents: a systematic review. <i>European Journal of Pediatrics</i> , <b>2020</b> , 179, 17-27	4.1	3
36	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> , <b>2020</b> , 10, e035413	3	1
35	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> , <b>2020</b> , 10, e038770	3	
34	Using citation tracking for systematic literature searching - Study protocol for a scoping review of methodological studies and an expert survey. <i>F1000Research</i> , <b>2020</b> , 9, 1386	3.6	1
33	Comparative effectiveness of common therapies for Wilson disease: A systematic review and meta-analysis of controlled studies. <i>Liver International</i> , <b>2019</b> , 39, 2136-2152	7.9	18
32	Clinical parameters and biomarkers predicting spontaneous operational tolerance after liver transplantation: a scoping review protocol. <i>F1000Research</i> , <b>2019</b> , 8, 2059	3.6	1
31	Human ER Oxidoreductin-1[Ero1] Undergoes Dual Regulation through Complementary Redox Interactions with Protein-Disulfide Isomerase. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 23952-23964	5.4	11
30	Cysteines 208 and 241 in Ero1 are required for maximal catalytic turnover. <i>Redox Biology</i> , <b>2016</b> , 7, 14-20	11.3	9
29	Transit of H <sub>2</sub> O <sub>2</sub> across the endoplasmic reticulum membrane is not sluggish. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 94, 157-60	7.8	43
28	ER-luminal thiol/selenol-mediated regulation of Ca <sup>2+</sup> signalling. <i>Biochemical Society Transactions</i> , <b>2016</b> , 44, 452-9	5.1	25
27	A PDI-catalyzed thiol-disulfide switch regulates the production of hydrogen peroxide by human Ero1. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 83, 361-72	7.8	45
26	The antioxidant machinery of the endoplasmic reticulum: Protection and signaling. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 83, 341-51	7.8	68
25	Redox controls UPR to control redox. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 3649-58	5.3	119
24	GPx8 peroxidase prevents leakage of H <sub>2</sub> O <sub>2</sub> from the endoplasmic reticulum. <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 70, 106-16	7.8	92
23	Biochemical evidence that regulation of Ero1 activity in human cells does not involve the isoform-specific cysteine 262. <i>Bioscience Reports</i> , <b>2014</b> , 34,	4.1	6
22	Cell biology of cysteine-based molecular switches. <i>International Journal of Cell Biology</i> , <b>2014</b> , 2014, 157038		
21	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> , <b>2013</b> , 288, 31010-8	5.4	27

20	Intracellular glutathione pools are heterogeneously concentrated. <i>Redox Biology</i> , <b>2013</b> , 1, 508-13	11.3	122
19	Endoplasmic reticulum: reduced and oxidized glutathione revisited. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 1604-17	5.3	113
18	Destroy and exploit: catalyzed removal of hydroperoxides from the endoplasmic reticulum. <i>International Journal of Cell Biology</i> , <b>2013</b> , 2013, 180906	2.6	34
17	Green fluorescent protein-based monitoring of endoplasmic reticulum redox poise. <i>Frontiers in Genetics</i> , <b>2013</b> , 4, 108	4.5	29
16	Bidirectional crosstalk between endoplasmic reticulum stress and mTOR signaling. <i>Trends in Cell Biology</i> , <b>2012</b> , 22, 274-82	18.3	236
15	The physiological functions of mammalian endoplasmic oxidoreductin 1: on disulfides and more. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 16, 1109-18	8.4	46
14	Hyperactivity of the Ero1 oxidase elicits endoplasmic reticulum stress but no broad antioxidant response. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 39513-23	5.4	45
13	Suppression of the Nrf2-dependent antioxidant response by glucocorticoids and 11 $\beta$ HSD1-mediated glucocorticoid activation in hepatic cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e36774	3.7	61
12	Glutathione- and non-glutathione-based oxidant control in the endoplasmic reticulum. <i>Journal of Cell Science</i> , <b>2011</b> , 124, 847-55	5.3	116
11	Identification of the PDI-family member ERp90 as an interaction partner of ERFAD. <i>PLoS ONE</i> , <b>2011</b> , 6, e17037	3.7	20
10	Disulphide production by Ero1/PDI relay is rapid and effectively regulated. <i>EMBO Journal</i> , <b>2010</b> , 29, 3318-29	13	112
9	A luminal flavoprotein in endoplasmic reticulum-associated degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 14831-6	11.5	47
8	A novel disulphide switch mechanism in Ero1 $\alpha$ balances ER oxidation in human cells. <i>EMBO Journal</i> , <b>2008</b> , 27, 2977-87	13	145
7	The human PDI family: versatility packed into a single fold. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2008</b> , 1783, 535-48	4.9	292
6	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> , <b>2008</b> , 10, 55-64	8.4	73
5	The ER-Golgi intermediate compartment (ERGIC): in search of its identity and function. <i>Journal of Cell Science</i> , <b>2006</b> , 119, 2173-83	5.3	313
4	Carbohydrate- and conformation-dependent cargo capture for ER-exit. <i>Molecular Biology of the Cell</i> , <b>2005</b> , 16, 1258-67	3.5	58
3	pH-induced conversion of the transport lectin ERGIC-53 triggers glycoprotein release. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 12943-50	5.4	93

- 2     Lectins and traffic in the secretory pathway. *FEBS Letters*, **2000**, 476, 32-7     3.8     112
- 1     The lectin ERGIC-53 is a cargo transport receptor for glycoproteins. *Nature Cell Biology*, **1999**, 1, 330-4     23.4     270