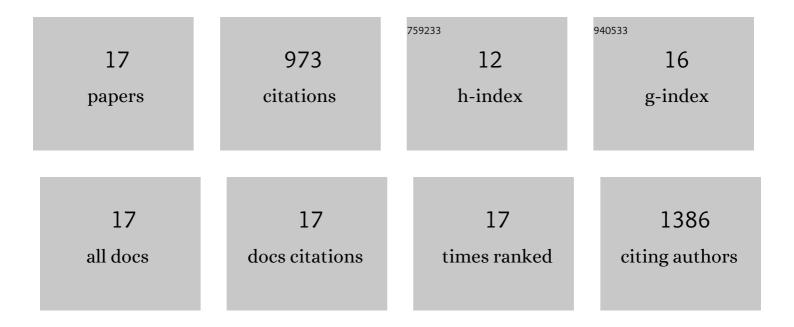
## Tim Crul

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5293110/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Resistance Training Prevents Deterioration in Quadriceps Muscle Function During Acute Exacerbations of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 1072-1077.	5.6	224
2	Plasma membranes as heat stress sensors: From lipid-controlled molecular switches to therapeutic applications. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 1594-1618.	2.6	115
3	Markers of inflammation and disuse in vastus lateralis of chronic obstructive pulmonary disease patients. European Journal of Clinical Investigation, 2007, 37, 897-904.	3.4	103
4	Membrane-Lipid Therapy in Operation: The HSP Co-Inducer BGP-15 Activates Stress Signal Transduction Pathways by Remodeling Plasma Membrane Rafts. PLoS ONE, 2011, 6, e28818.	2.5	71
5	Atrophy and hypertrophy signalling in the diaphragm of patients with COPD. European Respiratory Journal, 2010, 35, 549-556.	6.7	70
6	Heat Shock Proteins and Autophagy Pathways in Neuroprotection: From Molecular Bases to Pharmacological Interventions. International Journal of Molecular Sciences, 2018, 19, 325.	4.1	68
7	Gene Expression Profiling in Vastus Lateralis Muscle During an Acute Exacerbation of COPD. Cellular Physiology and Biochemistry, 2010, 25, 491-500.	1.6	64
8	Hydroximic Acid Derivatives: Pleiotropic Hsp Co-Inducers Restoring Homeostasis and Robustness. Current Pharmaceutical Design, 2013, 19, 309-346.	1.9	61
9	Membrane fluidity matters: Hyperthermia from the aspects of lipids and membranes. International Journal of Hyperthermia, 2013, 29, 491-499.	2.5	53
10	The Role of Lipids and Membranes in the Pathogenesis of Alzheimer's Disease: A Comprehensive View. Current Alzheimer Research, 2018, 15, 1191-1212.	1.4	42
11	The central role of heat shock factor 1 in synaptic fidelity and memory consolidation. Cell Stress and Chaperones, 2016, 21, 745-753.	2.9	36
12	Rac1 Participates in Thermally Induced Alterations of the Cytoskeleton, Cell Morphology and Lipid Rafts, and Regulates the Expression of Heat Shock Proteins in B16F10 Melanoma Cells. PLoS ONE, 2014, 9, e89136.	2.5	26
13	Endoplasmic Reticulumâ€Plasma Membrane Contact Sites as an Organizing Principle for Compartmentalized Calcium and cAMP Signaling. International Journal of Molecular Sciences, 2021, 22, 4703.	4.1	12
14	Chaperone co-inducer BGP-15 inhibits histone deacetylases and enhances the heat shock response through increased chromatin accessibility. Cell Stress and Chaperones, 2017, 22, 717-728.	2.9	11
15	Bile acid―and ethanolâ€mediated activation of Orai1 damages pancreatic ductal secretion in acute pancreatitis. Journal of Physiology, 2022, 600, 1631-1650.	2.9	11
16	Modulation of Plasma Membrane Composition and Microdomain Organization Impairs Heat Shock Protein Expression in B16-F10 Mouse Melanoma Cells. Cells, 2020, 9, 951.	4.1	6
17	Membranes in stress management: How membranes control the expression and cellular distribution of stress proteins. Chemistry and Physics of Lipids, 2011, 164, S10.	3.2	0