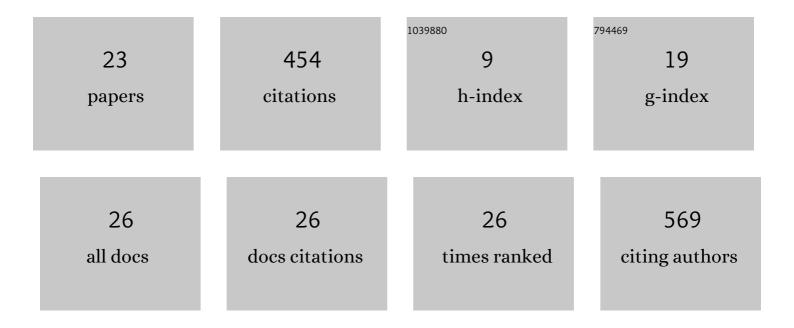
## Hjalmar R Bouma

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Induction of torpor: Mimicking natural metabolic suppression for biomedical applications. Journal of Cellular Physiology, 2012, 227, 1285-1290.	2.0	86
2	Low body temperature governs the decline of circulating lymphocytes during hibernation through sphingosine-1-phosphate. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2052-2057.	3.3	80
3	Serotonin and Dopamine Protect from Hypothermia/Rewarming Damage through the CBS/ H2S Pathway. PLoS ONE, 2011, 6, e22568.	1.1	55
4	Platelet Dynamics during Natural and Pharmacologically Induced Torpor and Forced Hypothermia. PLoS ONE, 2014, 9, e93218.	1.1	42
5	AMP-Activated Protein Kinase as a Target for Preconditioning in Transplantation Medicine. Transplantation, 2010, 90, 353-358.	0.5	40
6	Hibernation is associated with depression of T-cell independent humoral immune responses in the 13-lined ground squirrel. Developmental and Comparative Immunology, 2013, 39, 154-160.	1.0	27
7	Spatiotemporal regulation of hydrogen sulfide signaling in the kidney. Redox Biology, 2021, 43, 101961.	3.9	23
8	Reduction of body temperature governs neutrophil retention in hibernating and nonhibernating animals by margination. Journal of Leukocyte Biology, 2013, 94, 431-437.	1.5	22
9	The Hibernating Immune System. , 2012, , 259-270.		10
10	Troubleshooting the rat model of cardiopulmonary bypass: Effects of avoiding blood transfusion on long-term survival, inflammation and organ damage. Journal of Pharmacological and Toxicological Methods, 2013, 67, 82-90.	0.3	10
11	S1P1 Receptor Modulation Preserves Vascular Function in Mesenteric and Coronary Arteries after CPB in the Rat Independent of Depletion of Lymphocytes. PLoS ONE, 2014, 9, e97196.	1.1	10
12	Acute Kidney Injury is Associated with Lowered Plasma-Free Thiol Levels. Antioxidants, 2020, 9, 1135.	2.2	9
13	The role of coronary artery calcification score in clinical practice. BMC Cardiovascular Disorders, 2008, 8, 38.	0.7	7
14	Phase specific suppression of neutrophil function in hibernating Syrian hamster. Developmental and Comparative Immunology, 2021, 119, 104024.	1.0	6
15	Impact of Hibernation on Gut Microbiota and Intestinal Barrier Function in Ground Squirrels. , 2012, , 281-291.		6
16	5′-AMP impacts lymphocyte recirculation through activation of A2Breceptors. Journal of Leukocyte Biology, 2013, 94, 89-98.	1.5	4
17	Microarray analysis of gene expression profiles in the rat kidney demonstrates a local inflammatory response induced by cardiopulmonary bypass. European Journal of Anaesthesiology, 2013, 30, 492-500.	0.7	4
18	Severe hypocalcaemia and hypomagnesemia presenting with severe neurologic and gastro-intestinal symptoms: a case report and review of literature. Canadian Journal of Emergency Medicine, 2021, 23, 401-403.	0.5	3

#	Article	IF	CITATIONS
19	On the Dissimilarity of $5\hat{a}\in^2$ -AMP Induced Hypothermia and Torpor in Mice. , 2012, , 351-362.		3
20	Sphingosine-1-phosphate transport and its role in immunology. AIMS Molecular Science, 2014, 1, 183-201.	0.3	3
21	Plasma Free Thiol Levels during Early Sepsis Predict Future Renal Function Decline. Antioxidants, 2022, 11, 800.	2.2	2
22	Management of Sjögren Syndrome in Patients with SLE. , 2013, , 401-414.		1
23	Authors' Reply: AMP-Activated Protein Kinase as a Target for Preconditioning in Transplantation Medicine. Transplantation, 2010, 90, 1242.	0.5	0