Hjalmar R Bouma

List of Publications by Citations

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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.

23 papers	346 citations	8 h-index	18 g-index
26 ext. papers	388 ext. citations	4.3 avg, IF	2.79 L-index

#	Paper	IF	Citations
23	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, 2052-7	11.5	73
22	Induction of torpor: mimicking natural metabolic suppression for biomedical applications. *Journal of Cellular Physiology*, **2012**, 227, 1285-90	7	67
21	Serotonin and dopamine protect from hypothermia/rewarming damage through the CBS/H2S pathway. *PLoS ONE*, **2011**, 6, e22568	3.7	44
20	AMP-activated protein kinase as a target for preconditioning in transplantation medicine. *Transplantation*, **2010**, 90, 353-8	1.8	35
19	Platelet dynamics during natural and pharmacologically induced torpor and forced hypothermia. *PLoS ONE*, **2014**, 9, e93218	3.7	26
18	Hibernation is associated with depression of T-cell independent humoral immune responses in the 13-lined ground squirrel. *Developmental and Comparative Immunology*, **2013**, 39, 154-60	3.2	23
17	Reduction of body temperature governs neutrophil retention in hibernating and nonhibernating animals by margination. *Journal of Leukocyte Biology*, **2013**, 94, 431-7	6.5	18
16	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	1.7	9
15	The Hibernating Immune System **2012**, 259-270		7
14	Spatiotemporal regulation of hydrogen sulfide signaling in the kidney. *Redox Biology*, **2021**, 43, 101961	11.3	7
13	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	3.7	6
12	The role of coronary artery calcification score in clinical practice. *BMC Cardiovascular Disorders*, **2008**, 8, 38	2.3	6
11	Impact of Hibernation on Gut Microbiota and Intestinal Barrier Function in Ground Squirrels **2012**, 281-291		6
10	5dAMP impacts lymphocyte recirculation through activation of A2B receptors. *Journal of Leukocyte Biology*, **2013**, 94, 89-98	6.5	4
9	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	2.3	4
8	Acute Kidney Injury is Associated with Lowered Plasma-Free Thiol Levels. *Antioxidants*, **2020**, 9,	7.1	4
7	Sphingosine-1-phosphate transport and its role in immunology. *AIMS Molecular Science*, **2014**, 1, 183-201	0.9	3

6	On the Dissimilarity of 5?-AMP Induced Hypothermia and Torpor in Mice **2012**, 351-362		3
5	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	0.6	1
4	Phase specific suppression of neutrophil function in hibernating Syrian hamster. *Developmental and Comparative Immunology*, **2021**, 119, 104024	3.2	0
3	Plasma Free Thiol Levels during Early Sepsis Predict Future Renal Function Decline. *Antioxidants*, **2022**, 11, 800	7.1	0
2	Management of Sj□gren Syndrome in Patients with SLE **2013**, 401-414		
1	AuthorsdReply: AMP-Activated Protein Kinase as a Target for Preconditioning in Transplantation Medicine. *Transplantation*, **2010**, 90, 1242	1.8	