

Hjalmar R Bouma

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.

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	Plasma Free Thiol Levels during Early Sepsis Predict Future Renal Function Decline. <i>Antioxidants</i> , 2022 , 11, 800	7.1	0
22	Phase specific suppression of neutrophil function in hibernating Syrian hamster. <i>Developmental and Comparative Immunology</i> , 2021 , 119, 104024	3.2	0
21	Spatiotemporal regulation of hydrogen sulfide signaling in the kidney. <i>Redox Biology</i> , 2021 , 43, 101961	11.3	7
20	Severe hypocalcaemia and hypomagnesemia presenting with severe neurologic and gastro-intestinal symptoms: a case report and review of literature. <i>Canadian Journal of Emergency Medicine</i> , 2021 , 23, 401-403	0.6	1
19	Acute Kidney Injury is Associated with Lowered Plasma-Free Thiol Levels. <i>Antioxidants</i> , 2020 , 9,	7.1	4
18	S1P1 receptor modulation preserves vascular function in mesenteric and coronary arteries after CPB in the rat independent of depletion of lymphocytes. <i>PLoS ONE</i> , 2014 , 9, e97196	3.7	6
17	Platelet dynamics during natural and pharmacologically induced torpor and forced hypothermia. <i>PLoS ONE</i> , 2014 , 9, e93218	3.7	26
16	Sphingosine-1-phosphate transport and its role in immunology. <i>AIMS Molecular Science</i> , 2014 , 1, 183-201	0.9	3
15	Hibernation is associated with depression of T-cell independent humoral immune responses in the 13-lined ground squirrel. <i>Developmental and Comparative Immunology</i> , 2013 , 39, 154-60	3.2	23
14	Troubleshooting the rat model of cardiopulmonary bypass: effects of avoiding blood transfusion on long-term survival, inflammation and organ damage. <i>Journal of Pharmacological and Toxicological Methods</i> , 2013 , 67, 82-90	1.7	9
13	Reduction of body temperature governs neutrophil retention in hibernating and nonhibernating animals by margination. <i>Journal of Leukocyte Biology</i> , 2013 , 94, 431-7	6.5	18
12	5dAMP impacts lymphocyte recirculation through activation of A2B receptors. <i>Journal of Leukocyte Biology</i> , 2013 , 94, 89-98	6.5	4
11	Microarray analysis of gene expression profiles in the rat kidney demonstrates a local inflammatory response induced by cardiopulmonary bypass. <i>European Journal of Anaesthesiology</i> , 2013 , 30, 492-500	2.3	4
10	Management of Sjögren Syndrome in Patients with SLE 2013 , 401-414		
9	Induction of torpor: mimicking natural metabolic suppression for biomedical applications. <i>Journal of Cellular Physiology</i> , 2012 , 227, 1285-90	7	67
8	The Hibernating Immune System 2012 , 259-270		7
7	Impact of Hibernation on Gut Microbiota and Intestinal Barrier Function in Ground Squirrels 2012 , 281-291		6

6	On the Dissimilarity of 5?-AMP Induced Hypothermia and Torpor in Mice 2012 , 351-362		3
5	Low body temperature governs the decline of circulating lymphocytes during hibernation through sphingosine-1-phosphate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 2052-7	11.5	73
4	Serotonin and dopamine protect from hypothermia/rewarming damage through the CBS/H2S pathway. <i>PLoS ONE</i> , 2011 , 6, e22568	3.7	44
3	AuthorsdReply: AMP-Activated Protein Kinase as a Target for Preconditioning in Transplantation Medicine. <i>Transplantation</i> , 2010 , 90, 1242	1.8	
2	AMP-activated protein kinase as a target for preconditioning in transplantation medicine. <i>Transplantation</i> , 2010 , 90, 353-8	1.8	35
1	The role of coronary artery calcification score in clinical practice. <i>BMC Cardiovascular Disorders</i> , 2008 , 8, 38	2.3	6