

Hjalmar R Bouma

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7675418/publications.pdf>

Version: 2024-02-01

23
papers

454
citations

1039880

9
h-index

794469

19
g-index

26
all docs

26
docs citations

26
times ranked

569
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of torpor: Mimicking natural metabolic suppression for biomedical applications. <i>Journal of Cellular Physiology</i> , 2012, 227, 1285-1290.	2.0	86
2	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, 2052-2057.	3.3	80
3	Serotonin and Dopamine Protect from Hypothermia/Rewarming Damage through the CBS/ H2S Pathway. <i>PLoS ONE</i> , 2011, 6, e22568.	1.1	55
4	Platelet Dynamics during Natural and Pharmacologically Induced Torpor and Forced Hypothermia. <i>PLoS ONE</i> , 2014, 9, e93218.	1.1	42
5	AMP-Activated Protein Kinase as a Target for Preconditioning in Transplantation Medicine. <i>Transplantation</i> , 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. <i>Developmental and Comparative Immunology</i> , 2013, 39, 154-160.	1.0	27
7	Spatiotemporal regulation of hydrogen sulfide signaling in the kidney. <i>Redox Biology</i> , 2021, 43, 101961.	3.9	23
8	Reduction of body temperature governs neutrophil retention in hibernating and nonhibernating animals by margination. <i>Journal of Leukocyte Biology</i> , 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. <i>Journal of Pharmacological and Toxicological Methods</i> , 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. <i>PLoS ONE</i> , 2014, 9, e97196.	1.1	10
12	Acute Kidney Injury is Associated with Lowered Plasma-Free Thiol Levels. <i>Antioxidants</i> , 2020, 9, 1135.	2.2	9
13	The role of coronary artery calcification score in clinical practice. <i>BMC Cardiovascular Disorders</i> , 2008, 8, 38.	0.7	7
14	Phase specific suppression of neutrophil function in hibernating Syrian hamster. <i>Developmental and Comparative Immunology</i> , 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	5â€²-AMP impacts lymphocyte recirculation through activation of A2Breceptors. <i>Journal of Leukocyte Biology</i> , 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. <i>European Journal of Anaesthesiology</i> , 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. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 401-403.	0.5	3

#	ARTICLE	IF	CITATIONS
19	On the Dissimilarity of 5â€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