

Timna Hitrec

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

159
citations

1307594

7
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Hibernation and Radioprotection: Gene Expression in the Liver and Testicle of Rats Irradiated under Synthetic Torpor. <i>International Journal of Molecular Sciences</i> , 2019, 20, 352.	4.1	26
2	Neural control of fasting-induced torpor in mice. <i>Scientific Reports</i> , 2019, 9, 15462.	3.3	26
3	Automating cell counting in fluorescent microscopy through deep learning with c-ResUnet. <i>Scientific Reports</i> , 2021, 11, 22920.	3.3	23
4	Phosphorylation and Dephosphorylation of Tau Protein During Synthetic Torpor. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 57.	1.7	20
5	Be cool to be far: Exploiting hibernation for space exploration. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 218-232.	6.1	15
6	Phosphorylated Tau protein in the myenteric plexus of the ileum and colon of normothermic rats and during synthetic torpor. <i>Cell and Tissue Research</i> , 2021, 384, 287-299.	2.9	11
7	Neurons in the Dorsomedial Hypothalamus Promote, Prolong, and Deepen Torpor in the Mouse. <i>Journal of Neuroscience</i> , 2022, 42, 4267-4277.	3.6	11
8	Reversible Tau Phosphorylation Induced by Synthetic Torpor in the Spinal Cord of the Rat. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 592288.	1.7	7
9	Wake-sleep and cardiovascular regulatory changes in rats made obese by a high-fat diet. <i>Behavioural Brain Research</i> , 2017, 320, 347-355.	2.2	6
10	c-Fos expression in the limbic thalamus following thermoregulatory and wake-sleep changes in the rat. <i>Experimental Brain Research</i> , 2019, 237, 1397-1407.	1.5	4
11	Mitochondrial respiration in rats during hypothermia resulting from central drug administration. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2022, 192, 349.	1.5	3
12	Turn it off and on again: characteristics and control of torpor. <i>Wellcome Open Research</i> , 0, 6, 313.	1.8	3
13	Turn it off and on again: characteristics and control of torpor. <i>Wellcome Open Research</i> , 2021, 6, 313.	1.8	2
14	Autonomic effects induced by pharmacological activation and inhibition of Raphe Pallidus neurons in anaesthetized adult pigs. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 281-285.	1.9	1