

Sylvain Giroud

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,389
citations

361045

20
h-index

377514

34
g-index

38
all docs

38
docs citations

38
times ranked

1625
citing authors

#	ARTICLE	IF	CITATIONS
1	Sticking Together: Energetic Consequences of Huddling Behavior in Hibernating Juvenile Garden Dormice. <i>Physiological and Biochemical Zoology</i> , 2022, 95, 400-415.	0.6	2
2	Body Protein Sparing in Hibernators: A Source for Biomedical Innovation. <i>Frontiers in Physiology</i> , 2021, 12, 634953.	1.3	15
3	Dynamic Function and Composition Shift in Circulating Innate Immune Cells in Hibernating Garden Dormice. <i>Frontiers in Physiology</i> , 2021, 12, 620614.	1.3	8
4	Hibernating brown bears are protected against atherogenic dyslipidemia. <i>Scientific Reports</i> , 2021, 11, 18723.	1.6	6
5	An hourglass mechanism controls torpor bout length in hibernating garden dormice. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	8
6	MicroRNAs facilitate skeletal muscle maintenance and metabolic suppression in hibernating brown bears. <i>Journal of Cellular Physiology</i> , 2020, 235, 3984-3993.	2.0	19
7	Editorial: Coping With Environmental Fluctuations: Ecological and Evolutionary Perspectives. <i>Frontiers in Physiology</i> , 2020, 11, 605186.	1.3	1
8	Integrating Mortality Risk and the Adaptiveness of Hibernation. <i>Frontiers in Physiology</i> , 2020, 11, 706.	1.3	13
9	Insights in the regulation of trimethylamine N-oxide production using a comparative biomimetic approach suggest a metabolic switch in hibernating bears. <i>Scientific Reports</i> , 2020, 10, 20323.	1.6	21
10	The Ratio of Linoleic and Linolenic Acid in the Pre-hibernation Diet Influences NF κ B Signaling in Garden Dormice During Torpor. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 97.	1.6	4
11	Lifelong Effects of Thermal Challenges During Development in Birds and Mammals. <i>Frontiers in Physiology</i> , 2020, 11, 419.	1.3	51
12	The Torpid State: Recent Advances in Metabolic Adaptations and Protective Mechanisms. <i>Frontiers in Physiology</i> , 2020, 11, 623665.	1.3	41
13	Regulation of Peroxisome Proliferator-Activated Receptor Pathway During Torpor in the Garden Dormouse, <i>Eliomys quercinus</i> . <i>Frontiers in Physiology</i> , 2020, 11, 615025.	1.3	4
14	Always a price to pay: hibernation at low temperatures comes with a trade-off between energy savings and telomere damage. <i>Biology Letters</i> , 2019, 15, 20190466.	1.0	42
15	Lipidomics Reveals Seasonal Shifts in a Large-Bodied Hibernator, the Brown Bear. <i>Frontiers in Physiology</i> , 2019, 10, 389.	1.3	25
16	Seasonal changes in eicosanoid metabolism in the brown bear. <i>Die Naturwissenschaften</i> , 2018, 105, 58.	0.6	19
17	Dietary Lipids Affect the Onset of Hibernation in the Garden Dormouse (<i>Eliomys quercinus</i>): Implications for Cardiac Function. <i>Frontiers in Physiology</i> , 2018, 9, 1235.	1.3	37
18	Implications of being born late in the active season for growth, fattening, torpor use, winter survival and fecundity. <i>ELife</i> , 2018, 7, .	2.8	26

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19	Seasonal reproductive tactics: annual timing and the capital-to-income breeder continuum. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160250.	1.8	72
20	The costs of locomotor activity? Maximum body temperatures and the use of torpor during the active season in edible dormice. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 803-814.	0.7	14
21	Differences in growth rates and pre-hibernation body mass gain between early and late-born juvenile garden dormice. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 253-263.	0.7	16
22	Muscle Non-shivering Thermogenesis and Its Role in the Evolution of Endothermy. <i>Frontiers in Physiology</i> , 2017, 8, 889.	1.3	113
23	Seasonal Control of Mammalian Energy Balance: Recent Advances in the Understanding of Daily Torpor and Hibernation. <i>Journal of Neuroendocrinology</i> , 2016, 28, .	1.2	80
24	Ecophysiology of Omega Fatty Acids: A Lid for Every Jar. <i>Physiology</i> , 2015, 30, 232-240.	1.6	51
25	Late-born intermittently fasted juvenile garden dormice use torpor to grow and fatten prior to hibernation: consequences for ageing processes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141131.	1.2	47
26	Membrane Phospholipid Fatty Acid Composition Regulates Cardiac SERCA Activity in a Hibernator, the Syrian Hamster (<i>Mesocricetus auratus</i>). <i>PLoS ONE</i> , 2013, 8, e63111.	1.1	81
27	Private Heat for Public Warmth: How Huddling Shapes Individual Thermogenic Responses of Rabbit Pups. <i>PLoS ONE</i> , 2012, 7, e33553.	1.1	35
28	One for all and all for one: the energetic benefits of huddling in endotherms. <i>Biological Reviews</i> , 2010, 85, 545-569.	4.7	232
29	The Grey Mouse Lemur Uses Season-Dependent Fat or Protein Sparing Strategies to Face Chronic Food Restriction. <i>PLoS ONE</i> , 2010, 5, e8823.	1.1	22
30	Dietary palmitate and linoleate oxidations, oxidative stress, and DNA damage differ according to season in mouse lemurs exposed to a chronic food deprivation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R950-R959.	0.9	30
31	Gut hormones in relation to body mass and torpor pattern changes during food restriction and re-feeding in the gray mouse lemur. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2009, 179, 99-111.	0.7	16
32	Chronic food shortage and seasonal modulations of daily torpor and locomotor activity in the grey mouse lemur (<i>Microcebus murinus</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1958-R1967.	0.9	63
33	Role of huddling on the energetic of growth in a newborn altricial mammal. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R867-R876.	0.9	48
34	Adipose tissue-specific inactivation of the retinoblastoma protein protects against diabetes because of increased energy expenditure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10703-10708.	3.3	95
35	Living in a changing world: Physiological and behavioural flexibility of juvenile Garden Dormice. <i>ARPHA Conference Abstracts</i> , 0, 5, .	0.0	2
36	Hypothesis and Theory: A Two-Process Model of Torpor-Arousal Regulation in Hibernators. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	6