

Stephan Steinlechner

List of Publications by Year in descending order

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35
papers

1,345
citations

471509

17
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

1222
citing authors

#	ARTICLE	IF	CITATIONS
1	Acclimation of intestinal morphology and function in djungarian hamsters (<i>Phodopus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 224, .	1.7	6
2	Orchestration of gene expression across the seasons: Hypothalamic gene expression in natural photoperiod throughout the year in the Siberian hamster. <i>Scientific Reports</i> , 2016, 6, 29689.	3.3	31
3	Somatostatin receptor activation is involved in the control of daily torpor in a seasonal mammal. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R668-R674.	1.8	18
4	Torpor expression in juvenile and adult Djungarian hamsters (<i>Phodopus sungorus</i>) differs in frequency, duration and onset in response to a daily cycle in ambient temperature. <i>Journal of Thermal Biology</i> , 2015, 53, 23-32.	2.5	3
5	Effect of Exercise on Photoperiod-Regulated Hypothalamic Gene Expression and Peripheral Hormones in the Seasonal Dwarf Hamster <i>Phodopus sungorus</i> . <i>PLoS ONE</i> , 2014, 9, e90253.	2.5	15
6	Djungarian hamsters (<i>Phodopus sungorus</i>) are not susceptible to stimulating effects of 6-methoxy-2-benzoxazolinone on reproductive organs. <i>Die Naturwissenschaften</i> , 2014, 101, 115-121.	1.6	2
7	Effects of unsaturated fatty acids on torpor frequency and diet selection in Djungarian hamsters (<i>Phodopus sungorus</i>). <i>Journal of Experimental Biology</i> , 2014, 217, 4313-9.	1.7	8
8	Induction of the Metabolic Regulator Txnip in Fasting-Induced and Natural Torpor. <i>Endocrinology</i> , 2013, 154, 2081-2091.	2.8	31
9	Biological Rhythms of the Mouse. , 2012, , 383-407.		2
10	The Daily Melatonin Pattern in Djungarian Hamsters Depends on the Circadian Phenotype. <i>Chronobiology International</i> , 2011, 28, 873-882.	2.0	8
11	Melatonin Controls Photoperiodic Changes in Tanycyte Vimentin and Neural Cell Adhesion Molecule Expression in the Djungarian Hamster (<i>Phodopus sungorus</i>). <i>Endocrinology</i> , 2011, 152, 3871-3883.	2.8	46
12	Voluntary exercise at the expense of reproductive success in Djungarian hamsters (<i>Phodopus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.6	6
13	Endocrine mechanisms of seasonal adaptation in small mammals: from early results to present understanding. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 180, 935-952.	1.5	77
14	Age and oestrus cycle-related changes in glucocorticoid excretion and wheel-running activity in female mice carrying mutations in the circadian clock genes <i>Per1</i> and <i>Per2</i> . <i>Physiology and Behavior</i> , 2009, 96, 57-63.	2.1	30
15	Effects of wheel running on photoperiodic responses of Djungarian hamsters (<i>Phodopus sungorus</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008, 178, 607-615.	1.5	16
16	The Annual Activity Pattern of Djungarian Hamsters (<i>Phodopus sungorus</i>) Is Affected by Wheel-Running Activity. <i>Chronobiology International</i> , 2008, 25, 905-922.	2.0	11
17	Cardiac dynamics during daily torpor in the Djungarian hamster (<i>Phodopus sungorus</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R639-R650.	1.8	24
18	Low reproductive success in <i>Per1</i> and <i>Per2</i> mutant mouse females due to accelerated ageing?. <i>Reproduction</i> , 2008, 135, 559-568.	2.6	98

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19	Wheel running affects seasonal acclimatization of physiological and morphological traits in the Djungarian hamster (<i>Phodopus sungorus</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1368-R1375.	1.8	12
20	Influence of torpor on cardiac expression of genes involved in the circadian clock and protein turnover in the Siberian hamster (<i>Phodopus sungorus</i>). <i>Physiological Genomics</i> , 2007, 31, 521-530.	2.3	17
21	Daily torpor affects the molecular machinery of the circadian clock in Djungarian hamsters (<i>Phodopus sungorus</i>). <i>European Journal of Neuroscience</i> , 2007, 26, 2739-2746.	2.6	8
22	Daily Torpor Alters Multiple Gene Expression in the Suprachiasmatic Nucleus and Pineal Gland of the Djungarian Hamster (<i>Phodopus sungorus</i>). <i>Chronobiology International</i> , 2006, 23, 269-276.	2.0	19
23	Restoration of Circadian Rhythmicity in Circadian Clock-Deficient Mice in Constant Light. <i>Journal of Biological Rhythms</i> , 2006, 21, 169-176.	2.6	37
24	Trans-pineal microdialysis in the Djungarian hamster (<i>Phodopus sungorus</i>): a tool to study seasonal changes of circadian clock activities. <i>Journal of Pineal Research</i> , 2006, 40, 177-183.	7.4	4
25	Impaired daily glucocorticoid rhythm in <i>Per1</i> Brd mice. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2006, 192, 769-775.	1.6	86
26	Djungarian Hamsters: A Species with a Labile Circadian Pacemaker? Arrhythmicity under a Light-Dark Cycle Induced by Short Light Pulses. <i>Journal of Biological Rhythms</i> , 2002, 17, 248-258.	2.6	48
27	Robust Circadian Rhythmicity of <i>Per1</i> and <i>Per2</i> Mutant Mice in Constant Light, and Dynamics of <i>Per1</i> and <i>Per2</i> Gene Expression under Long and Short Photoperiods. <i>Journal of Biological Rhythms</i> , 2002, 17, 202-209.	2.6	127
28	Robust Circadian Rhythmicity of <i>Per1</i> and <i>Per2</i> Mutant Mice in Constant Light, and Dynamics of <i>Per1</i> and <i>Per2</i> Gene Expression under Long and Short Photoperiods. <i>Journal of Biological Rhythms</i> , 2002, 17, 202-209.	2.6	10
29	Djungarian Hamsters: A Species with a Labile Circadian Pacemaker? Arrhythmicity under a Light-Dark Cycle Induced by Short Light Pulses. <i>Journal of Biological Rhythms</i> , 2002, 17, 248-258.	2.6	2
30	Interstrain differences in activity pattern, pineal function, and SCN melatonin receptor density of rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1078-R1086.	1.8	10
31	Impact of photoperiod and melatonin on reproduction in small mammals. <i>Animal Reproduction Science</i> , 1992, 30, 1-28.	1.5	38
32	Inhibition of 5 α -Deiodination of Thyroxine Suppresses the Cold-Induced Increase in Brown Adipose Tissue Messenger Ribonucleic Acid for Mitochondrial Uncoupling Protein without Influencing Lipoprotein Lipase Activity*. <i>Endocrinology</i> , 1990, 126, 2550-2554.	2.8	41
33	Circadian rhythms of pineal N-acetyltransferase activity in the Djungarian hamster, <i>Phodopus sungorus</i> , in response to seasonal changes of natural photoperiod. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1987, 160, 593-597.	1.6	30
34	Seasonal control of energy requirements for thermoregulation in the djungarian hamster (<i>Phodopus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf and <i>Environmental Physiology</i> , 1981, 142, 429-437.	1.5	240
35	Seasonal pattern and energetics of short daily torpor in the Djungarian hamster, <i>Phodopus sungorus</i> . <i>Oecologia</i> , 1981, 48, 265-270.	2.0	184