ElÅ¼bieta KrÃ³l

List of Publications by Year
in descending order

35 papers	2,270 citations	304602 22 h-index	360920 35 g-index
35 all docs	35 docs citations	35 times ranked	2592 citing authors

#	Article	IF	Citations
1	Fat storage influences fasting endurance more than body size in an ungulate. Functional Ecology, 2021, 35, 1470-1480.	1.7	4
2	Determinants of heart rate in Svalbard reindeer reveal mechanisms of seasonal energy management. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200215.	1.8	15
3	Gill Transcriptomic Responses to Toxin-producing Alga Prymnesium parvum in Rainbow Trout. Frontiers in Immunology, 2021, 12, 794593.	2.2	2
4	Integration of Transcriptome, Gross Morphology and Histopathology in the Gill of Sea Farmed Atlantic Salmon (Salmo salar): Lessons From Multi-Site Sampling. Frontiers in Genetics, 2020, 11, 610.	1.1	16
5	Photoperiodic regulation in a wild-derived mouse strain. Journal of Experimental Biology, 2020, 223, .	0.8	8
6	Switching off the furnace: brown adipose tissue and lactation. Molecular Aspects of Medicine, 2019, 68, 18-41.	2.7	10
7	Limits to sustained energy intake XXVIII: Beneficial effects of high dietary fat on lactation performance in mice. Journal of Experimental Biology, 2018, 221, .	0.8	7
8	Nutrigenomics and immune function in fish: new insights from omics technologies. Developmental and Comparative Immunology, 2017, 75, 86-98.	1.0	214
9	Brown adipocytes can display a mammary basal myoepithelial cell phenotype inÂvivo. Molecular Metabolism, 2017, 6, 1198-1211.	3.0	27
10	Differential responses of the gut transcriptome to plant protein diets in farmed Atlantic salmon. BMC Genomics, 2016, 17, 156.	1.2	98
11	Transcriptomic responses in the fish intestine. Developmental and Comparative Immunology, 2016, 64, 103-117.	1.0	136
12	Limits to sustained energy intake. XXIII. Does heat dissipation capacity limit the energy budget of lactating bank voles?. Journal of Experimental Biology, 2016, 219, 805-15.	0.8	27
13	Atlantic salmon (Salmo salar) parr as a model to predict the optimum inclusion of air classified faba bean protein concentrate in feeds for seawater salmon. Aquaculture, 2015, 444, 70-78.	1.7	27
14	Functional Divergence of Type 2 Deiodinase Paralogs in the Atlantic Salmon. Current Biology, 2015, 25, 936-941.	1.8	48
15	Effects of hepatic protein tyrosine phosphatase 1B and methionine restriction on hepatic and whole-body glucose and lipid metabolism in mice. Metabolism: Clinical and Experimental, 2015, 64, 305-314.	1.5	20
16	Methionine restriction restores a younger metabolic phenotype in adult mice with alterations in fibroblast growth factor 21. Aging Cell, 2014, 13, 817-827.	3.0	158
17	Limits to sustained energy intake. XXII. Reproductive performance of two selected mouse lines with different thermal conductance. Journal of Experimental Biology, 2014, 217, 3718-32.	0.8	6
18	Limits to sustained energy intake XXI: effect of exposing the mother, but not her pups, to a cold environment during lactation in mice. Journal of Experimental Biology, 2013, 216, 4326-33.	0.8	25

#	Article	IF	Citations
19	Limits to sustained energy intake. XVII. Lactation performance in MF1 mice is not programmed by fetal number during pregnancy. Journal of Experimental Biology, 2013, 216, 2339-2348.	0.8	20
20	Limits to sustained energy intake. XV. Effects of wheel running on the energy budget during lactation. Journal of Experimental Biology, 2013, 216, 2316-2327.	0.8	36
21	Limits to sustained energy intake. XVI. Body temperature and physical activity of female mice during pregnancy. Journal of Experimental Biology, 2013, 216, 2328-2338.	0.8	28
22	Strong pituitary and hypothalamic responses to photoperiod but not to 6-methoxy-2-benzoxazolinone in female common voles (Microtus arvalis). General and Comparative Endocrinology, 2012, 179, 289-295.	0.8	40
23	Seasonal leptin resistance is associated with impaired signalling via JAK2-STAT3 but not ERK, possibly mediated by reduced hypothalamic GRB2 protein. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 553-567.	0.7	17
24	Negative correlation between milk production and brown adipose tissue gene expression in lactating mice. Journal of Experimental Biology, 2011, 214, 4160-4170.	0.8	40
25	Limits to sustained energy intake. XIII. Recent progress and future perspectives. Journal of Experimental Biology, 2011, 214, 230-241.	0.8	79
26	Maximal heat dissipation capacity and hyperthermia risk: neglected key factors in the ecology of endotherms. Journal of Animal Ecology, 2010, 79, 726-746.	1.3	335
27	The Heat Dissipation Limit Theory and Evolution of Life Histories in Endothermsâ€"Time to Dispose of the Disposable Soma Theory?. Integrative and Comparative Biology, 2010, 50, 793-807.	0.9	77
28	The contribution of animal models to the study of obesity. Laboratory Animals, 2008, 42, 413-432.	0.5	107
29	Limits to sustained energy intake. X. Effects of fur removal on reproductive performance in laboratory mice. Journal of Experimental Biology, 2007, 210, 4233-4243.	0.8	127
30	Regulation of body mass and adiposity in the field vole, Microtus agrestis: a model of leptin resistance. Journal of Endocrinology, 2007, 192, 271-278.	1.2	34
31	Photoperiod regulates leptin sensitivity in field voles, Microtus agrestis. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2006, 176, 153-163.	0.7	38
32	Limits to sustained energy intake IX: a review of hypotheses. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2005, 175, 375-394.	0.7	114
33	Comparison of Different Approaches for the Calculation of Energy Expenditure Using Doubly Labeled Water in a Small Mammal. Physiological and Biochemical Zoology, 2005, 78, 650-667.	0.6	122
34	The Functional Significance of Individual Variation in Basal Metabolic Rate. Physiological and Biochemical Zoology, 2004, 77, 900-915.	0.6	206
35	Energy consumption in non-reproducing adults of the eastern hedgehog Erinaceus concolor. Acta Theriologica, 1994, 39, 339-344.	1.1	2