

# Elzbieta Krol

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35 papers	1,687 citations	21 h-index	35 g-index
35 ext. papers	2,025 ext. citations	4.4 avg, IF	5.02 L-index

#	Paper	IF	Citations
35	Fat storage influences fasting endurance more than body size in an ungulate. <i>Functional Ecology</i> , <b>2021</b> , 35, 1470-1480	5.6	0
34	Determinants of heart rate in Svalbard reindeer reveal mechanisms of seasonal energy management. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 376, 20200215	5.8	5
33	Gill Transcriptomic Responses to Toxin-producing Alga in Rainbow Trout.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 794593	8.4	
32	Integration of Transcriptome, Gross Morphology and Histopathology in the Gill of Sea Farmed Atlantic Salmon (): Lessons From Multi-Site Sampling. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 610	4.5	10
31	Photoperiodic regulation in a wild-derived mouse strain. <i>Journal of Experimental Biology</i> , <b>2020</b> , 223,	3	4
30	Switching off the furnace: brown adipose tissue and lactation. <i>Molecular Aspects of Medicine</i> , <b>2019</b> , 68, 18-41	16.7	7
29	Limits to sustained energy intake. XXVIII. Beneficial effects of high dietary fat on lactation performance in mice. <i>Journal of Experimental Biology</i> , <b>2018</b> , 221,	3	5
28	Nutrigenomics and immune function in fish: new insights from omics technologies. <i>Developmental and Comparative Immunology</i> , <b>2017</b> , 75, 86-98	3.2	117
27	Brown adipocytes can display a mammary basal myoepithelial cell phenotype in vivo. <i>Molecular Metabolism</i> , <b>2017</b> , 6, 1198-1211	8.8	16
26	Transcriptomic responses in the fish intestine. <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 64, 103-17	3.2	77
25	Limits to sustained energy intake. XXIII. Does heat dissipation capacity limit the energy budget of lactating bank voles?. <i>Journal of Experimental Biology</i> , <b>2016</b> , 219, 805-15	3	21
24	Differential responses of the gut transcriptome to plant protein diets in farmed Atlantic salmon. <i>BMC Genomics</i> , <b>2016</b> , 17, 156	4.5	54
23	Atlantic salmon ( <i>Salmo salar</i> ) parr as a model to predict the optimum inclusion of air classified faba bean protein concentrate in feeds for seawater salmon. <i>Aquaculture</i> , <b>2015</b> , 444, 70-78	4.4	22
22	Functional divergence of type 2 deiodinase paralogs in the Atlantic salmon. <i>Current Biology</i> , <b>2015</b> , 25, 936-41	6.3	39
21	Effects of hepatic protein tyrosine phosphatase 1B and methionine restriction on hepatic and whole-body glucose and lipid metabolism in mice. <i>Metabolism: Clinical and Experimental</i> , <b>2015</b> , 64, 305-14	12.7	13
20	Limits to sustained energy intake. XXII. Reproductive performance of two selected mouse lines with different thermal conductance. <i>Journal of Experimental Biology</i> , <b>2014</b> , 217, 3718-32	3	4
19	Methionine restriction restores a younger metabolic phenotype in adult mice with alterations in fibroblast growth factor 21. <i>Aging Cell</i> , <b>2014</b> , 13, 817-27	9.9	126

18	Limits to sustained energy intake. XXI. Effect of exposing the mother, but not her pups, to a cold environment during lactation in mice. <i>Journal of Experimental Biology</i> , <b>2013</b> , 216, 4326-33	3	18
17	Limits to sustained energy intake. XVII. Lactation performance in MF1 mice is not programmed by fetal number during pregnancy. <i>Journal of Experimental Biology</i> , <b>2013</b> , 216, 2339-48	3	18
16	Limits to sustained energy intake. XV. Effects of wheel running on the energy budget during lactation. <i>Journal of Experimental Biology</i> , <b>2013</b> , 216, 2316-27	3	26
15	Limits to sustained energy intake. XVI. Body temperature and physical activity of female mice during pregnancy. <i>Journal of Experimental Biology</i> , <b>2013</b> , 216, 2328-38	3	22
14	Strong pituitary and hypothalamic responses to photoperiod but not to 6-methoxy-2-benzoxazolinone in female common voles ( <i>Microtus arvalis</i> ). <i>General and Comparative Endocrinology</i> , <b>2012</b> , 179, 289-95	3	35
13	Seasonal leptin resistance is associated with impaired signalling via JAK2-STAT3 but not ERK, possibly mediated by reduced hypothalamic GRB2 protein. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2012</b> , 182, 553-67	2.2	15
12	Negative correlation between milk production and brown adipose tissue gene expression in lactating mice. <i>Journal of Experimental Biology</i> , <b>2011</b> , 214, 4160-70	3	32
11	Limits to sustained energy intake. XIII. Recent progress and future perspectives. <i>Journal of Experimental Biology</i> , <b>2011</b> , 214, 230-41	3	70
10	Maximal heat dissipation capacity and hyperthermia risk: neglected key factors in the ecology of endotherms. <i>Journal of Animal Ecology</i> , <b>2010</b> , 79, 726-46	4.7	249
9	The heat dissipation limit theory and evolution of life histories in endotherms--time to dispose of the disposable soma theory?. <i>Integrative and Comparative Biology</i> , <b>2010</b> , 50, 793-807	2.8	57
8	The contribution of animal models to the study of obesity. <i>Laboratory Animals</i> , <b>2008</b> , 42, 413-32	2.6	96
7	Limits to sustained energy intake. X. Effects of fur removal on reproductive performance in laboratory mice. <i>Journal of Experimental Biology</i> , <b>2007</b> , 210, 4233-43	3	111
6	Regulation of body mass and adiposity in the field vole, <i>Microtus agrestis</i> : a model of leptin resistance. <i>Journal of Endocrinology</i> , <b>2007</b> , 192, 271-8	4.7	26
5	Photoperiod regulates leptin sensitivity in field voles, <i>Microtus agrestis</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2006</b> , 176, 153-63	2.2	31
4	Limits to sustained energy intake IX: a review of hypotheses. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2005</b> , 175, 375-94	2.2	102
3	Comparison of different approaches for the calculation of energy expenditure using doubly labeled water in a small mammal. <i>Physiological and Biochemical Zoology</i> , <b>2005</b> , 78, 650-67	2	82
2	The functional significance of individual variation in basal metabolic rate. <i>Physiological and Biochemical Zoology</i> , <b>2004</b> , 77, 900-15	2	175
1	Energy consumption in non-reproducing adults of the eastern hedgehog <i>Erinaceus concolor</i> . <i>Acta Theriologica</i> , <b>1994</b> , 39, 339-344		2

