

# Michael S Bonkowski

## 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.

37  
papers

2,798  
citations

27  
h-index

38  
g-index

38  
ext. papers

3,285  
ext. citations

10.4  
avg, IF

5.17  
L-index

#	Paper	IF	Citations
37	Epidermal SR-A Complexes Are Lipid Raft Based and Promote Nucleic Acid Nanoparticle Uptake. <i>Journal of Investigative Dermatology</i> , <b>2021</b> , 141, 1428-1437.e8	4.3	3
36	Reprogramming to recover youthful epigenetic information and restore vision. <i>Nature</i> , <b>2020</b> , 588, 124-130.4	39.4	128
35	MACHINE LEARNING ANALYSIS OF MOUSE FRAILITY FOR PREDICTION OF BIOLOGICAL AGE AND LIFE EXPECTANCY. <i>Innovation in Aging</i> , <b>2019</b> , 3, S903-S903	0.1	3
34	Impairment of an Endothelial NAD-HS Signaling Network Is a Reversible Cause of Vascular Aging. <i>Cell</i> , <b>2018</b> , 173, 74-89.e20	56.2	205
33	Resveratrol Improves Vascular Function and Mitochondrial Number but Not Glucose Metabolism in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1703-1709	6.9	52
32	A conserved NAD binding pocket that regulates protein-protein interactions during aging. <i>Science</i> , <b>2017</b> , 355, 1312-1317	33.3	102
31	Slowing ageing by design: the rise of NAD and sirtuin-activating compounds. <i>Nature Reviews Molecular Cell Biology</i> , <b>2016</b> , 17, 679-690	48.7	410
30	Restoration of normal embryogenesis by mitochondrial supplementation in pig oocytes exhibiting mitochondrial DNA deficiency. <i>Scientific Reports</i> , <b>2016</b> , 6, 23229	4.9	50
29	SIRT1 Limits Adipocyte Hyperplasia through c-Myc Inhibition. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 2119-35	5.4	27
28	Measuring aging rates of mice subjected to caloric restriction and genetic disruption of growth hormone signaling. <i>Aging</i> , <b>2016</b> , 8, 539-46	5.6	20
27	Metabolic alterations due to caloric restriction and every other day feeding in normal and growth hormone receptor knockout mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2014</b> , 69, 25-33	6.4	20
26	SIRT1 suppresses the epithelial-to-mesenchymal transition in cancer metastasis and organ fibrosis. <i>Cell Reports</i> , <b>2013</b> , 3, 1175-86	10.6	156
25	Deviation of innate circadian period from 24 h reduces longevity in mice. <i>Aging Cell</i> , <b>2012</b> , 11, 794-800	9.9	52
24	Disruption of growth hormone receptor prevents calorie restriction from improving insulin action and longevity. <i>PLoS ONE</i> , <b>2009</b> , 4, e4567	3.7	107
23	Neuronal SIRT1 regulates endocrine and behavioral responses to calorie restriction. <i>Genes and Development</i> , <b>2009</b> , 23, 2812-7	12.6	142
22	Is altered expression of hepatic insulin-related genes in growth hormone receptor knockout mice due to GH resistance or a difference in biological life spans?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2009</b> , 64, 1126-33	6.4	37
21	Insulin sensitivity as a key mediator of growth hormone actions on longevity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2009</b> , 64, 516-21	6.4	74

20	Alterations in oxygen consumption, respiratory quotient, and heat production in long-lived GHRKO and Ames dwarf mice, and short-lived bGH transgenic mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2009</b> , 64, 443-51	6.4	106
19	The growth hormone receptor gene-disrupted mouse fails to respond to an intermittent fasting diet. <i>Aging Cell</i> , <b>2009</b> , 8, 756-60	9.9	50
18	Insulin signaling cascade in the hearts of long-lived growth hormone receptor knockout mice: effects of calorie restriction. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2008</b> , 63, 788-97	6.4	24
17	How diet interacts with longevity genes. <i>Hormones</i> , <b>2008</b> , 7, 17-23	3.1	27
16	Effects of mild calorie restriction on reproduction, plasma parameters and hepatic gene expression in mice with altered GH/IGF-I axis. <i>Mechanisms of Ageing and Development</i> , <b>2007</b> , 128, 317-31	5.6	22
15	Effects of dietary restriction on the expression of insulin-signaling-related genes in long-lived mutant mice. <i>Interdisciplinary Topics in Gerontology</i> , <b>2007</b> , 35, 69-82		32
14	Mild calorie restriction does not affect testosterone levels and testicular gene expression in mutant mice. <i>Experimental Biology and Medicine</i> , <b>2007</b> , 232, 1050-63	3.7	15
13	Effects of caloric restriction and growth hormone resistance on insulin-related intermediates in the skeletal muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2007</b> , 62, 18-26	6.4	36
12	Caloric restriction and growth hormone receptor knockout: effects on expression of genes involved in insulin action in the heart. <i>Experimental Gerontology</i> , <b>2006</b> , 41, 417-29	4.5	37
11	Stress resistance and aging: influence of genes and nutrition. <i>Mechanisms of Ageing and Development</i> , <b>2006</b> , 127, 687-94	5.6	66
10	Long-lived growth hormone receptor knockout mice show a delay in age-related changes of body composition and bone characteristics. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2006</b> , 61, 562-7	6.4	60
9	Targeted disruption of growth hormone receptor interferes with the beneficial actions of calorie restriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 7901-5	11.5	261
8	Caloric restriction results in decreased expression of peroxisome proliferator-activated receptor superfamily in muscle of normal and long-lived growth hormone receptor/binding protein knockout mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2005</b> , 60, 1238-45	6.4	58
7	Effects of caloric restriction and growth hormone resistance on the expression level of peroxisome proliferator-activated receptors superfamily in liver of normal and long-lived growth hormone receptor/binding protein knockout mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2005</b> , 60, 1334-8	6.4	30
6	Effect of every other day feeding diet on gene expression in normal and in long-lived Ames dwarf mice. <i>Experimental Gerontology</i> , <b>2005</b> , 40, 491-7	4.5	22
5	Effects of caloric restriction on insulin pathway gene expression in the skeletal muscle and liver of normal and long-lived GHR-KO mice. <i>Experimental Gerontology</i> , <b>2005</b> , 40, 679-84	4.5	58
4	Effects of long-term caloric restriction on early steps of the insulin-signaling system in mouse skeletal muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2005</b> , 60, 28-34	6.4	32
3	Long-lived growth hormone receptor knockout mice: interaction of reduced insulin-like growth factor I/insulin signaling and caloric restriction. <i>Endocrinology</i> , <b>2005</b> , 146, 851-60	4.8	201

2	Divergent effects of caloric restriction on gene expression in normal and long-lived mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2004</b> , 59, 784-8	6.4	50
1	DNA Break-Induced Epigenetic Drift as a Cause of Mammalian Aging		6