

# Sarah K Bronson

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

3,166  
citations

279798

23  
h-index

377865

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

4497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetic Retinopathy. <i>Diabetes</i> , 2006, 55, 2401-2411.	0.6	673
2	The Ins2 <sup>Akita</sup> Mouse as a Model of Early Retinal Complications in Diabetes. , 2005, 46, 2210.		442
3	Disruption of BCATm in Mice Leads to Increased Energy Expenditure Associated with the Activation of a Futile Protein Turnover Cycle. <i>Cell Metabolism</i> , 2007, 6, 181-194.	16.2	326
4	Single-copy transgenic mice with chosen-site integration.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9067-9072.	7.1	286
5	Dendrite Remodeling and Other Abnormalities in the Retinal Ganglion Cells of Ins2 <sup>Akita</sup> Diabetic Mice. , 2008, 49, 2635.		151
6	Circulating sphingolipid biomarkers in models of type 1 diabetes. <i>Journal of Lipid Research</i> , 2011, 52, 509-517.	4.2	133
7	Enhanced Osteoclastic Resorption and Responsiveness to Mechanical Load in Gap Junction Deficient Bone. <i>PLoS ONE</i> , 2011, 6, e23516.	2.5	127
8	Loss of G Protein $\beta 7$ Alters Behavior and Reduces Striatal $\beta$ -olf Level and cAMP Production. <i>Journal of Biological Chemistry</i> , 2003, 278, 6575-6579.	3.4	110
9	Whole genome assessment of the retinal response to diabetes reveals a progressive neurovascular inflammatory response. <i>BMC Medical Genomics</i> , 2008, 1, 26.	1.5	98
10	Mice with Deficiency of G Protein $\beta 3$ Are Lean and Have Seizures. <i>Molecular and Cellular Biology</i> , 2004, 24, 7758-7768.	2.3	81
11	Derivation of murine induced pluripotent stem cells (iPS) and assessment of their differentiation toward osteogenic lineage. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 643-652.	2.6	79
12	Calcium-dependent interaction of calcineurin with bcl-2 in neuronal tissue. <i>Neuroscience</i> , 2003, 117, 541-555.	2.3	64
13	Nonobese, insulin-deficient Ins2 <sup>Akita</sup> mice develop type 2 diabetes phenotypes including insulin resistance and cardiac remodeling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1687-E1696.	3.5	64
14	Skeletal muscle protein balance in mTOR heterozygous mice in response to inflammation and leucine. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E1283-E1294.	3.5	49
15	Nanoliposomal minocycline for ocular drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 130-140.	3.3	49
16	Multi-Modal Proteomic Analysis of Retinal Protein Expression Alterations in a Rat Model of Diabetic Retinopathy. <i>PLoS ONE</i> , 2011, 6, e16271.	2.5	44
17	Transcriptomic comparison of the retina in two mouse models of diabetes. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2009, 2, 202-213.	0.2	35
18	A Novel Creb Family Gene Telomeric of HLA-DRA in the HLA Complex. <i>Genomics</i> , 1995, 30, 149-156.	2.9	34

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19	Tissue-specific expression of a BAC transgene targeted to the Hprt locus in mouse embryonic stem cells. <i>Genomics</i> , 2004, 83, 1072-1082.	2.9	33
20	Generation of single-copy transgenic mouse embryos directly from ES cells by tetraploid embryo complementation. <i>BMC Biotechnology</i> , 2001, 1, 12.	3.3	27
21	A multistep validation process of biomarkers for preclinical drug development. <i>Pharmacogenomics Journal</i> , 2010, 10, 385-395.	2.0	27
22	Podocyte-specific chemokine (C-C motif) receptor 2 overexpression mediates diabetic renal injury in mice. <i>Kidney International</i> , 2017, 91, 671-682.	5.2	27
23	Osteogenic Nodule Formation from Single Embryonic Stem Cell-Derived Progenitors. <i>Stem Cells and Development</i> , 2006, 15, 865-879.	2.1	26
24	Artificial chromosome-based transgenes in the study of genome function. <i>Mammalian Genome</i> , 2006, 17, 791-807.	2.2	26
25	Hyperglycemia-Induced O-GlcNAcylation and Truncation of 4E-BP1 Protein in Liver of a Mouse Model of Type 1 Diabetes. <i>Journal of Biological Chemistry</i> , 2011, 286, 34286-34297.	3.4	24
26	Chronic insulin treatment of diabetes does not fully normalize alterations in the retinal transcriptome. <i>BMC Medical Genomics</i> , 2011, 4, 40.	1.5	23
27	An eye on insulin. <i>Journal of Clinical Investigation</i> , 2003, 111, 1817-1819.	8.2	21
28	Trpc2 depletion protects red blood cells from oxidative stress-induced hemolysis. <i>Experimental Hematology</i> , 2012, 40, 71-83.	0.4	18
29	Insulin treatment normalizes retinal neuroinflammation but not markers of synapse loss in diabetic rats. <i>Experimental Eye Research</i> , 2014, 125, 95-106.	2.6	14
30	Transgenic bcl-2 is not sufficient to rescue all hematolymphoid defects in STAT5A/5B-deficient mice. <i>Experimental Hematology</i> , 2003, 31, 1253-1258.	0.4	13
31	A $\beta$ GT-AT1A receptor transgene protects renal cortical structure in AT1 receptor-deficient mice. <i>Physiological Genomics</i> , 2004, 18, 290-298.	2.3	13
32	Bone Nodule Formation via In Vitro Differentiation of Murine Embryonic Stem Cells. <i>Methods in Enzymology</i> , 2003, 365, 241-251.	1.0	11
33	Molecular linkage of the HLA-DR, HLA-DQ, and HLA-DO genes in yeast artificial chromosomes. <i>Genomics</i> , 1991, 11, 577-586.	2.9	8
34	An eye on insulin. <i>Journal of Clinical Investigation</i> , 2003, 111, 1817-1819.	8.2	5
35	The use of emotional intelligence skills in combating burnout among residency and fellowship program directors. <i>BMC Medical Education</i> , 2022, 22, 127.	2.4	3
36	Interdisciplinary Graduate Education: A Case Study. <i>Cell</i> , 2011, 147, 1207-1208.	28.9	2

#	ARTICLE	IF	CITATIONS
37	BCATm KO mice have elevated branched chain amino acids (BCAAs), a propensity to be lean, and show improvements in endpoints associated with obesity co-morbidities. FASEB Journal, 2007, 21, A163.	0.5	0