

# Blair Mell

## List of Publications by Year in descending order

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33  
papers

999  
citations

687363

13  
h-index

477307

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33  
docs citations

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times ranked

1620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-dose 1,3-butanediol reverses age-associated vascular dysfunction independent of ketone body $\beta$ -hydroxybutyrate. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H466-H473.	3.2	7
2	Beyond the Gastrointestinal Tract: Oral and Sex-Specific Skin Microbiota Are Associated with Hypertension in Rats with Genetic Disparities. <i>Physiological Genomics</i> , 2022, , .	2.3	2
3	FPR-1 (Formyl Peptide Receptor-1) Activation Promotes Spontaneous, Premature Hypertension in Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2021, 77, 1191-1202.	2.7	7
4	Gut Microbiota Accelerates Bone Growth and Marrow Adiposity of the Adolescent Gnotobiotic Rat. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
5	High salt impairs energy sensing and autophagy to decrease the synthesis of liver-derived vasodilator, $\beta$ -hydroxybutyrate. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
6	Metabolomics reveal dynamic host responses in lipid, amino acid, and energy metabolism after acute exposure of gut microbiota in germ-free rats. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
7	Physiologic, Metabolic, and Toxicologic Profile of 1,3-Butanediol. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 379, 245-252.	2.5	10
8	Deep transcriptomic profiling of Dahl salt-sensitive rat kidneys with mutant form of Resp18. <i>Biochemical and Biophysical Research Communications</i> , 2021, 572, 35-40.	2.1	3
9	Reconstitution of the host holobiont in germ-free born male rats acutely increases bone growth and affects marrow cellular content. <i>Physiological Genomics</i> , 2021, 53, 518-533.	2.3	1
10	Vertical selection for nuclear and mitochondrial genomes shapes gut microbiota and modifies risks for complex diseases. <i>Physiological Genomics</i> , 2020, 52, 1-14.	2.3	9
11	Single Nucleotide Polymorphism of <i>Spp2</i> Confers Sex-Specific Effects on Blood Pressure and Bone Health. <i>Hypertension</i> , 2020, 76, e31-e33.	2.7	1
12	Microbiota Introduced to Germ-Free Rats Restores Vascular Contractility and Blood Pressure. <i>Hypertension</i> , 2020, 76, 1847-1855.	2.7	42
13	Gnotobiotic Rats Reveal That Gut Microbiota Regulates Colonic mRNA of <i>Ace2</i> , the Receptor for SARS-CoV-2 Infectivity. <i>Hypertension</i> , 2020, 76, e1-e3.	2.7	63
14	Diurnal Timing Dependent Alterations in Gut Microbial Composition Are Synchronously Linked to Salt-Sensitive Hypertension and Renal Damage. <i>Hypertension</i> , 2020, 76, 59-72.	2.7	21
15	Interplay between collagenase and undescended testes in Adams16 knockout rats. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1952-1958.	1.6	7
16	Exposure to Amoxicillin in Early Life Is Associated With Changes in Gut Microbiota and Reduction in Blood Pressure: Findings From a Study on Rat Dams and Offspring. <i>Journal of the American Heart Association</i> , 2020, 9, e014373.	3.7	31
17	Genetic predisposition for increased red blood cell distribution width is an early risk factor for cardiovascular and renal comorbidities. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	4
18	QTL mapping of rat blood pressure loci on RNO1 within a homologous region linked to human hypertension on HSA15. <i>PLoS ONE</i> , 2019, 14, e0221658.	2.5	5

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19	Prenatal androgen exposure causes hypertension and gut microbiota dysbiosis. <i>Gut Microbes</i> , 2018, 9, 1-22.	9.8	85
20	Attenuation of Microbial Dysbiosis and Hypertension in a <i>CRISPR/Cas9</i> Gene Ablation Rat Model of <i>GPER1</i> . <i>Hypertension</i> , 2018, 72, 1125-1132.	2.7	50
21	Salt-Responsive Metabolite, $\beta$ -Hydroxybutyrate, Attenuates Hypertension. <i>Cell Reports</i> , 2018, 25, 677-689.e4.	6.4	117
22	Targeted disruption of regulated endocrine-specific protein (Resp18) in Dahl SS/Mcw rats aggravates salt-induced hypertension and renal injury. <i>Physiological Genomics</i> , 2018, 50, 369-375.	2.3	13
23	Microbial-Host Interactions and Hypertension. <i>Physiology</i> , 2017, 32, 224-233.	3.1	27
24	Targeted disruption of Cd40 in a genetically hypertensive rat model attenuates renal fibrosis and proteinuria, independent of blood pressure. <i>Kidney International</i> , 2017, 91, 365-374.	5.2	14
25	Positional cloning of quantitative trait nucleotides for blood pressure and cardiac QT-interval by targeted <i>CRISPR/Cas9</i> editing of a novel long non-coding RNA. <i>PLoS Genetics</i> , 2017, 13, e1006961.	3.5	26
26	Parathyroid hormone induces expression and proteolytic processing of Rankl in primary murine osteoblasts. <i>Bone</i> , 2016, 92, 85-93.	2.9	14
27	High-resolution mapping of a novel rat blood pressure locus on chromosome 9 to a region containing the <i>Spp2</i> gene and colocalization of a QTL for bone mass. <i>Physiological Genomics</i> , 2016, 48, 409-419.	2.3	8
28	Pleiotropic Effect of a High Resolution Mapped Blood Pressure QTL on Tumorigenesis. <i>PLoS ONE</i> , 2016, 11, e0153519.	2.5	6
29	Mutation within the hinge region of the transcription factor <i>Nr2f2</i> attenuates salt-sensitive hypertension. <i>Nature Communications</i> , 2015, 6, 6252.	12.8	21
30	Evidence for a link between gut microbiota and hypertension in the Dahl rat. <i>Physiological Genomics</i> , 2015, 47, 187-197.	2.3	301
31	Genome-Wide Identification of Long Noncoding RNAs in Rat Models of Cardiovascular and Renal Disease. <i>Hypertension</i> , 2015, 65, 200-210.	2.7	52
32	Multiple blood pressure loci with opposing blood pressure effects on rat chromosome 1 in a homologous region linked to hypertension on human chromosome 15. <i>Hypertension Research</i> , 2015, 38, 61-67.	2.7	13
33	Cryptorchidism and Infertility in Rats with Targeted Disruption of the <i>Adams16</i> Locus. <i>PLoS ONE</i> , 2014, 9, e100967.	2.5	39