Blair Mell

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2981304/publications.pdf

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33	999	687363 13	477307 29
papers	citations	h-index	g-index

33	33	33	1620
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence for a link between gut microbiota and hypertension in the Dahl rat. Physiological Genomics, 2015, 47, 187-197.	2.3	301
2	Salt-Responsive Metabolite, Î²-Hydroxybutyrate, Attenuates Hypertension. Cell Reports, 2018, 25, 677-689.e4.	6.4	117
3	Prenatal androgen exposure causes hypertension and gut microbiota dysbiosis. Gut Microbes, 2018, 9, 1-22.	9.8	85
4	Gnotobiotic Rats Reveal That Gut Microbiota Regulates Colonic mRNA of Ace2 , the Receptor for SARS-CoV-2 Infectivity. Hypertension, 2020, 76, e1-e3.	2.7	63
5	Genome-Wide Identification of Long Noncoding RNAs in Rat Models of Cardiovascular and Renal Disease. Hypertension, 2015, 65, 200-210.	2.7	52
6	Attenuation of Microbiotal Dysbiosis and Hypertension in a CRISPR/Cas9 Gene Ablation Rat Model of GPER1. Hypertension, 2018, 72, 1125-1132.	2.7	50
7	Microbiota Introduced to Germ-Free Rats Restores Vascular Contractility and Blood Pressure. Hypertension, 2020, 76, 1847-1855.	2.7	42
8	Cryptorchidism and Infertility in Rats with Targeted Disruption of the Adamts16 Locus. PLoS ONE, 2014, 9, e100967.	2.5	39
9	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. Journal of the American Heart Association, 2020, 9, e014373.	3.7	31
10	Microbiotal-Host Interactions and Hypertension. Physiology, 2017, 32, 224-233.	3.1	27
11	Positional cloning of quantitative trait nucleotides for blood pressure and cardiac QT-interval by targeted CRISPR/Cas9 editing of a novel long non-coding RNA. PLoS Genetics, 2017, 13, e1006961.	3.5	26
12	Mutation within the hinge region of the transcription factor Nr2f2 attenuates salt-sensitive hypertension. Nature Communications, 2015, 6, 6252.	12.8	21
13	Diurnal Timing Dependent Alterations in Gut Microbial Composition Are Synchronously Linked to Salt-Sensitive Hypertension and Renal Damage. Hypertension, 2020, 76, 59-72.	2.7	21
14	Parathyroid hormone induces expression and proteolytic processing of Rankl in primary murine osteoblasts. Bone, 2016, 92, 85-93.	2.9	14
15	Targeted disruption of Cd40 in a genetically hypertensive rat model attenuates renal fibrosis and proteinuria, independent of blood pressure. Kidney International, 2017, 91, 365-374.	5.2	14
16	Multiple blood pressure loci with opposing blood pressure effects on rat chromosome 1 in a homologous region linked to hypertension on human chromosome 15. Hypertension Research, 2015, 38, 61-67.	2.7	13
17	Targeted disruption of regulated endocrine-specific protein (Resp18) in Dahl SS/Mcw rats aggravates salt-induced hypertension and renal injury. Physiological Genomics, 2018, 50, 369-375.	2.3	13
18	Physiologic, Metabolic, and Toxicologic Profile of 1,3-Butanediol. Journal of Pharmacology and Experimental Therapeutics, 2021, 379, 245-252.	2.5	10

#	Article	IF	Citations
19	Vertical selection for nuclear and mitochondrial genomes shapes gut microbiota and modifies risks for complex diseases. Physiological Genomics, 2020, 52, 1-14.	2.3	9
20	High-resolution mapping of a novel rat blood pressure locus on chromosome 9 to a region containing the Spp2 gene and colocalization of a QTL for bone mass. Physiological Genomics, 2016, 48, 409-419.	2.3	8
21	Interplay between collagenase and undescended testes in Adamts16 knockout rats. Journal of Pediatric Surgery, 2020, 55, 1952-1958.	1.6	7
22	FPR-1 (Formyl Peptide Receptor-1) Activation Promotes Spontaneous, Premature Hypertension in Dahl Salt-Sensitive Rats. Hypertension, 2021, 77, 1191-1202.	2.7	7
23	Low-dose 1,3-butanediol reverses age-associated vascular dysfunction independent of ketone body Î²-hydroxybutyrate. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H466-H473.	3.2	7
24	Pleiotropic Effect of a High Resolution Mapped Blood Pressure QTL on Tumorigenesis. PLoS ONE, 2016, 11, e0153519.	2.5	6
25	QTL mapping of rat blood pressure loci on RNO1 within a homologous region linked to human hypertension on HSA15. PLoS ONE, 2019, 14, e0221658.	2.5	5
26	Genetic predisposition for increased red blood cell distribution width is an early risk factor for cardiovascular and renal comorbidities. DMM Disease Models and Mechanisms, 2020, 13, .	2.4	4
27	Deep transcriptomic profiling of Dahl salt-sensitive rat kidneys with mutant form of Resp18. Biochemical and Biophysical Research Communications, 2021, 572, 35-40.	2.1	3
28	Beyond the Gastrointestinal Tract: Oral and Sex-Specific Skin Microbiota Are Associated with Hypertension in Rats with Genetic Disparities. Physiological Genomics, 2022, , .	2.3	2
29	Single Nucleotide Polymorphism of Spp2 Confers Sex-Specific Effects on Blood Pressure and Bone Health. Hypertension, 2020, 76, e31-e33.	2.7	1
30	Reconstitution of the host holobiont in germ-free born male rats acutely increases bone growth and affects marrow cellular content. Physiological Genomics, 2021, 53, 518-533.	2.3	1
31	Gut Microbiota Accelerates Bone Growth and Marrow Adiposity of the Adolescent Gnotobiotic Rat. FASEB Journal, 2021, 35, .	0.5	0
32	High salt impairs energy sensing and autophagy to decrease the synthesis of liverâ€derived vasodilator, Î²â€hydroxybutyrate. FASEB Journal, 2021, 35, .	0.5	0
33	Metabolomics reveal dynamic host responses in lipid, amino acid, and energy metabolism after acute exposure of gut microbiota in germâ€free rats. FASEB Journal, 2021, 35, .	0.5	0