

Nathan J Bivens

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,060
citations

516710

16
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1789
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Vendor and Genetic Background on the Composition of the Fecal Microbiota of Inbred Mice. PLoS ONE, 2015, 10, e0116704.	2.5	268
2	Effects of exposure to bisphenol A and ethinyl estradiol on the gut microbiota of parents and their offspring in a rodent model. Gut Microbes, 2016, 7, 471-485.	9.8	121
3	Bisphenol A and bisphenol S disruptions of the mouse placenta and potential effects on the placenta-brain axis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4642-4652.	7.1	92
4	Gut Dysbiosis and Neurobehavioral Alterations in Rats Exposed to Silver Nanoparticles. Scientific Reports, 2017, 7, 2822.	3.3	91
5	Discovery of a Novel Seminal Fluid Microbiome and Influence of Estrogen Receptor Alpha Genetic Status. Scientific Reports, 2016, 6, 23027.	3.3	59
6	Developmental Expression of 2489 Gene Clusters During Pig Embryogenesis: An Expressed Sequence Tag Project. Biology of Reproduction, 2004, 71, 1230-1243.	2.7	53
7	Evaluation of Commercially Available RNA Amplification Kits for RNA Sequencing Using Very Low Input Amounts of Total RNA. Journal of Biomolecular Techniques, 2015, 26, 4-18.	1.5	46
8	Bisphenol A (BPA) in the serum of pet dogs following short-term consumption of canned dog food and potential health consequences of exposure to BPA. Science of the Total Environment, 2017, 579, 1804-1814.	8.0	43
9	Consumption of a high-fat diet alters the seminal fluid and gut microbiomes in male mice. Reproduction, Fertility and Development, 2017, 29, 1602.	0.4	38
10	Hypothalamic transcriptomic alterations in male and female California mice (<i>Peromyscus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 2017, 5, e13133.	1.7	27
11	Influence of PCR cycle number on 16S rRNA gene amplicon sequencing of low biomass samples. Journal of Microbiological Methods, 2020, 176, 106033.	1.6	23
12	Developmental exposure of California mice to endocrine disrupting chemicals and potential effects on the microbiome-gut-brain axis at adulthood. Scientific Reports, 2020, 10, 10902.	3.3	23
13	Developmental exposure to silver nanoparticles leads to long term gut dysbiosis and neurobehavioral alterations. Scientific Reports, 2021, 11, 6558.	3.3	22
14	Early genistein exposure of California mice and effects on the gut microbiota-brain axis. Journal of Endocrinology, 2019, 242, 139-157.	2.6	21
15	Large-Scale Generation and Analysis of Expressed Sequence Tags from Porcine Ovary. Biology of Reproduction, 2004, 71, 1991-2002.	2.7	19
16	Transcriptomic alterations in the brain of painted turtles (<i>Chrysemys picta</i>) developmentally exposed to bisphenol A or ethinyl estradiol. Physiological Genomics, 2017, 49, 201-215.	2.3	18
17	Disruption of global hypothalamic microRNA (miR) profiles and associated behavioral changes in California mice (<i>Peromyscus californicus</i>) developmentally exposed to endocrine disrupting chemicals. Hormones and Behavior, 2021, 128, 104890.	2.1	17
18	Maternal oxycodone treatment causes pathophysiological changes in the mouse placenta. Placenta, 2020, 100, 96-110.	1.5	16

#	ARTICLE	IF	CITATIONS
19	Single Nucleus RNA Sequence (snRNAseq) Analysis of the Spectrum of Trophoblast Lineages Generated From Human Pluripotent Stem Cells in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 695248.	3.7	12
20	RNA-Seq Library Construction Methods for Transcriptome Analysis. <i>Current Protocols in Plant Biology</i> , 2016, 1, 197-215.	2.8	8
21	Changes in nucleus accumbens gene expression accompany sex-specific suppression of spontaneous physical activity in aromatase knockout mice. <i>Hormones and Behavior</i> , 2020, 121, 104719.	2.1	8
22	Placental Changes in the serotonin transporter (Slc6a4) knockout mouse suggest a role for serotonin in controlling nutrient acquisition. <i>Placenta</i> , 2021, 115, 158-168.	1.5	8
23	miRNA changes in the mouse placenta due to bisphenol A exposure. <i>Epigenomics</i> , 2021, 13, 1909-1919.	2.1	8
24	Long-Term Effects of Developmental Exposure to Oxycodone on Gut Microbiota and Relationship to Adult Behaviors and Metabolism. <i>MSystems</i> , 2022, 7, .	3.8	6
25	Sexual dimorphism in brain transcriptomes of Amami spiny rats (<i>Tokudaia osimensis</i>): a rodent species where males lack the Y chromosome. <i>BMC Genomics</i> , 2019, 20, 87.	2.8	4
26	Genome Sequences of <i>Pseudoalteromonas</i> Strains ATCC BAA-314, ATCC 70018, and ATCC 70019. <i>Genome Announcements</i> , 2015, 3, .	0.8	3