

# 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	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
2	Disruption of global hypothalamic microRNA (miR) profiles and associated behavioral changes in California mice ( <i>Peromyscus californicus</i> ) developmentally exposed to endocrine disrupting chemicals. <i>Hormones and Behavior</i> , 2021, 128, 104890.	2.1	17
3	Developmental exposure to silver nanoparticles leads to long term gut dysbiosis and neurobehavioral alterations. <i>Scientific Reports</i> , 2021, 11, 6558.	3.3	22
4	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
5	Placental Changes in the serotonin transporter ( <i>Slc6a4</i> ) knockout mouse suggest a role for serotonin in controlling nutrient acquisition. <i>Placenta</i> , 2021, 115, 158-168.	1.5	8
6	miRNA changes in the mouse placenta due to bisphenol A exposure. <i>Epigenomics</i> , 2021, 13, 1909-1919.	2.1	8
7	Influence of PCR cycle number on 16S rRNA gene amplicon sequencing of low biomass samples. <i>Journal of Microbiological Methods</i> , 2020, 176, 106033.	1.6	23
8	Maternal oxycodone treatment causes pathophysiological changes in the mouse placenta. <i>Placenta</i> , 2020, 100, 96-110.	1.5	16
9	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
10	Developmental exposure of California mice to endocrine disrupting chemicals and potential effects on the microbiome-gut-brain axis at adulthood. <i>Scientific Reports</i> , 2020, 10, 10902.	3.3	23
11	Bisphenol A and bisphenol S disruptions of the mouse placenta and potential effects on the placenta-brain axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4642-4652.	7.1	92
12	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
13	Early genistein exposure of California mice and effects on the gut microbiota-brain axis. <i>Journal of Endocrinology</i> , 2019, 242, 139-157.	2.6	21
14	Transcriptomic alterations in the brain of painted turtles ( <i>Chrysemys picta</i> ) developmentally exposed to bisphenol A or ethinyl estradiol. <i>Physiological Genomics</i> , 2017, 49, 201-215.	2.3	18
15	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. <i>Science of the Total Environment</i> , 2017, 579, 1804-1814.	8.0	43
16	Consumption of a high-fat diet alters the seminal fluid and gut microbiomes in male mice. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1602.	0.4	38
17	Gut Dysbiosis and Neurobehavioral Alterations in Rats Exposed to Silver Nanoparticles. <i>Scientific Reports</i> , 2017, 7, 2822.	3.3	91
18	Hypothalamic transcriptomic alterations in male and female California mice ( <i>Peromyscus</i> ) developmentally exposed to bisphenol A or ethinyl estradiol. <i>Physiological Genomics</i> , 2017, 49, e13133.	1.7	27

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19	RNA-Seq Library Construction Methods for Transcriptome Analysis. <i>Current Protocols in Plant Biology</i> , 2016, 1, 197-215.	2.8	8
20	Effects of exposure to bisphenol A and ethinyl estradiol on the gut microbiota of parents and their offspring in a rodent model. <i>Gut Microbes</i> , 2016, 7, 471-485.	9.8	121
21	Discovery of a Novel Seminal Fluid Microbiome and Influence of Estrogen Receptor Alpha Genetic Status. <i>Scientific Reports</i> , 2016, 6, 23027.	3.3	59
22	Evaluation of Commercially Available RNA Amplification Kits for RNA Sequencing Using Very Low Input Amounts of Total RNA. <i>Journal of Biomolecular Techniques</i> , 2015, 26, 4-18.	1.5	46
23	Genome Sequences of <i>Pseudoalteromonas</i> Strains ATCC BAA-314, ATCC 70018, and ATCC 70019. <i>Genome Announcements</i> , 2015, 3, .	0.8	3
24	Effects of Vendor and Genetic Background on the Composition of the Fecal Microbiota of Inbred Mice. <i>PLoS ONE</i> , 2015, 10, e0116704.	2.5	268
25	Large-Scale Generation and Analysis of Expressed Sequence Tags from Porcine Ovary1. <i>Biology of Reproduction</i> , 2004, 71, 1991-2002.	2.7	19
26	Developmental Expression of 2489 Gene Clusters During Pig Embryogenesis: An Expressed Sequence Tag Project1. <i>Biology of Reproduction</i> , 2004, 71, 1230-1243.	2.7	53