

# Nathan J Bivens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5278705/publications.pdf>

Version: 2024-02-01

26  
papers

1,060  
citations

516215

16  
h-index

525886

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.  | 1.1 | 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.   | 4.3 | 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.                                 | 3.3 | 92        |
| 4  | Gut Dysbiosis and Neurobehavioral Alterations in Rats Exposed to Silver Nanoparticles. Scientific Reports, 2017, 7, 2822.  | 1.6 | 91        |
| 5  | Discovery of a Novel Seminal Fluid Microbiome and Influence of Estrogen Receptor Alpha Genetic Status. Scientific Reports, 2016, 6, 23027.   | 1.6 | 59        |
| 6  | Developmental Expression of 2489 Gene Clusters During Pig Embryogenesis: An Expressed Sequence Tag Project. Biology of Reproduction, 2004, 71, 1230-1243.  | 1.2 | 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.  | 0.8 | 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.   | 3.9 | 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.   | 0.1 | 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.   | 0.7 | 27        |
| 11 | Influence of PCR cycle number on 16S rRNA gene amplicon sequencing of low biomass samples. Journal of Microbiological Methods, 2020, 176, 106033.  | 0.7 | 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.  | 1.6 | 23        |
| 13 | Developmental exposure to silver nanoparticles leads to long term gut dysbiosis and neurobehavioral alterations. Scientific Reports, 2021, 11, 6558.   | 1.6 | 22        |
| 14 | Early genistein exposure of California mice and effects on the gut microbiota-brain axis. Journal of Endocrinology, 2019, 242, 139-157.  | 1.2 | 21        |
| 15 | Large-Scale Generation and Analysis of Expressed Sequence Tags from Porcine Ovary. Biology of Reproduction, 2004, 71, 1991-2002.   | 1.2 | 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.  | 1.0 | 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. | 1.0 | 17        |
| 18 | Maternal oxycodone treatment causes pathophysiological changes in the mouse placenta. Placenta, 2020, 100, 96-110.   | 0.7 | 16        |

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|----|---|-----|-----------|
| 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. | 1.8 | 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.                      | 1.0 | 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.                                      | 0.7 | 8         |
| 23 | miRNA changes in the mouse placenta due to bisphenol A exposure. <i>Epigenomics</i> , 2021, 13, 1909-1919.  | 1.0 | 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, .   | 1.7 | 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.                                | 1.2 | 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         |