

# Jan A Mennigen

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,958  
citations

279701

23  
h-index

254106

43  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2013  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A cross-species comparative approach to assessing multi- and transgenerational effects of endocrine disrupting chemicals. <i>Environmental Research</i> , 2022, 204, 112063.  | 3.7 | 27        |
| 2  | Metabolic Consequences of Developmental Exposure to Polystyrene Nanoplastics, the Flame Retardant BDE-47 and Their Combination in Zebrafish. <i>Frontiers in Pharmacology</i> , 2022, 13, 822111.   | 1.6 | 5         |
| 3  | Epigenetic and post-transcriptional repression support metabolic suppression in chronically hypoxic goldfish. <i>Scientific Reports</i> , 2022, 12, 5576.   | 1.6 | 12        |
| 4  | Social status-dependent regulation and function of the somatotrophic axis in juvenile rainbow trout. <i>Molecular and Cellular Endocrinology</i> , 2022, 554, 111709.   | 1.6 | 1         |
| 5  | Developmental toxicity of the novel PFOS alternative OBS in developing zebrafish: An emphasis on cilia disruption. <i>Journal of Hazardous Materials</i> , 2021, 409, 124491.   | 6.5 | 48        |
| 6  | Recent advances in comparative epigenetics. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 37, 100783.  | 0.4 | 0         |
| 7  | Transgenerational effects of polychlorinated biphenyls: 2. Hypothalamic gene expression in rats. <i>Biology of Reproduction</i> , 2021, 105, 690-704.   | 1.2 | 9         |
| 8  | Alanine alters the carbohydrate metabolism of rainbow trout: glucose flux and cell signaling. <i>Journal of Experimental Biology</i> , 2021, 224, .   | 0.8 | 6         |
| 9  | Comparative epigenetics in animal physiology: An emerging frontier. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100745.  | 0.4 | 6         |
| 10 | Meta-analysis of differentially-regulated hepatic microRNAs identifies candidate post-transcriptional regulation networks of intermediary metabolism in rainbow trout. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100750. | 0.4 | 7         |
| 11 | Exploring the Impact of a Low-Protein High-Carbohydrate Diet in Mature Broodstock of a Glucose-Intolerant Teleost, the Rainbow Trout. <i>Frontiers in Physiology</i> , 2020, 11, 303.   | 1.3 | 18        |
| 12 | Acute and long-term metabolic consequences of early developmental Bisphenol A exposure in zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , 2020, 256, 127080.   | 4.2 | 18        |
| 13 | Genetic ablation of bone marrow beta-adrenergic receptors in mice modulates miRNA-transcriptome networks of neuroinflammation in the paraventricular nucleus. <i>Physiological Genomics</i> , 2020, 52, 169-177.  | 1.0 | 9         |
| 14 | Profiling the rainbow trout hepatic miRNAome under diet-induced hyperglycemia. <i>Physiological Genomics</i> , 2019, 51, 411-431.   | 1.0 | 26        |
| 15 | Acute exposure to environmentally relevant concentrations of Chinese PFOS alternative F-53B induces oxidative stress in early developing zebrafish. <i>Chemosphere</i> , 2019, 235, 945-951.  | 4.2 | 47        |
| 16 | Bioconcentration and Metabolic Effects of Emerging PFOS Alternatives in Developing Zebrafish. <i>Environmental Science &amp; Technology</i> , 2019, 53, 13427-13439.  | 4.6 | 70        |
| 17 | A reproductive role for the nonapeptides vasotocin and isotocin in male zebrafish ( <i>Danio rerio</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 238, 110333.  | 0.7 | 8         |
| 18 | Social status regulates the hepatic miRNAome in rainbow trout: Implications for posttranscriptional regulation of metabolic pathways. <i>PLoS ONE</i> , 2019, 14, e0217978.   | 1.1 | 14        |

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|----|--|-----|-----------|
| 19 | Pck-ing up steam: Widening the salmonid gluconeogenic gene duplication trail. <i>Gene</i> , 2019, 698, 129-140.  | 1.0 | 12        |
| 20 | Unexpected effect of insulin on glucose disposal explains glucose intolerance of rainbow trout. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 316, R387-R394.  | 0.9 | 12        |
| 21 | Developmental fluoxetine exposure in zebrafish reduces offspring basal cortisol concentration via life stage-dependent maternal transmission. <i>PLoS ONE</i> , 2019, 14, e0212577.  | 1.1 | 15        |
| 22 | Glucagon regulation of carbohydrate metabolism in rainbow trout: <i>in vivo</i> glucose fluxes and gene expression. <i>Journal of Experimental Biology</i> , 2019, 222, .  | 0.8 | 11        |
| 23 | Consequences on Gametogenesis and Reproduction Performances of a High Carbohydrate Nutrition During the Whole Reproductive Cycle of Male and Female Trout. <i>FASEB Journal</i> , 2019, 33, 591.1.   | 0.2 | 0         |
| 24 | Epigenetics in teleost fish: From molecular mechanisms to physiological phenotypes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 224, 210-244.  | 0.7 | 107       |
| 25 | Transgenerational effects of polychlorinated biphenyls: 1. Development and physiology across 3 generations of rats. <i>Environmental Health</i> , 2018, 17, 18.  | 1.7 | 48        |
| 26 | Social status affects lipid metabolism in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R241-R255.  | 0.9 | 24        |
| 27 | Endocrine disrupting effects of waterborne fluoxetine exposure on the reproductive axis of female goldfish, <i>Carassius auratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 202, 70-78.                        | 1.3 | 27        |
| 28 | The nonapeptide isotocin in goldfish: Evidence for serotonergic regulation and functional roles in the control of food intake and pituitary hormone release. <i>General and Comparative Endocrinology</i> , 2017, 254, 38-49.  | 0.8 | 25        |
| 29 | MicroTrout: A comprehensive, genome-wide miRNA target prediction framework for rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 20, 19-26.   | 0.4 | 20        |
| 30 | Micromanaging metabolism—a role for miRNAs in teleost energy metabolism. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 199, 115-125.   | 0.7 | 31        |
| 31 | High or low dietary carbohydrate:protein ratios during first-feeding affect glucose metabolism and intestinal microbiota in juvenile rainbow trout. <i>Journal of Experimental Biology</i> , 2014, 217, 3396-3406.   | 0.8 | 107       |
| 32 | Metabolic consequences of microRNA-122 inhibition in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>BMC Genomics</i> , 2014, 15, 70.   | 1.2 | 45        |
| 33 | Acute endocrine and nutritional co-regulation of the hepatic omy-miRNA-122b and the lipogenic gene <i>fas</i> in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 169, 16-24. | 0.7 | 40        |
| 34 | Postprandial regulation of hepatic glucokinase and lipogenesis requires the activation of TORC1 signaling in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Journal of Experimental Biology</i> , 2013, 216, 4483-92.  | 0.8 | 53        |
| 35 | Rapid modulation of gene expression profiles in the telencephalon of male goldfish following exposure to waterborne sex pheromones. <i>General and Comparative Endocrinology</i> , 2013, 192, 204-213.   | 0.8 | 16        |
| 36 | Ontogenesis of expression of metabolic genes and microRNAs in rainbow trout alevins during the transition from the endogenous to the exogenous feeding period. <i>Journal of Experimental Biology</i> , 2013, 216, 1597-608.   | 0.8 | 43        |

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|----|--|-----|-----------|
| 37 | Functional prediction and physiological characterization of a novel short trans-membrane protein 1 as a subunit of mitochondrial respiratory complexes. <i>Physiological Genomics</i> , 2012, 44, 1133-1140.                                   | 1.0 | 16        |
| 38 | Postprandial Regulation of Hepatic MicroRNAs Predicted to Target the Insulin Pathway in Rainbow Trout. <i>PLoS ONE</i> , 2012, 7, e38604.  | 1.1 | 86        |
| 39 | Pharmaceuticals as Neuroendocrine Disruptors: Lessons Learned from Fish on Prozac. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2011, 14, 387-412.   | 2.9 | 141       |
| 40 | Dopamine D1Receptor Blockage Potentiates AMPA-Stimulated Luteinising Hormone Release in the Goldfish. <i>Journal of Neuroendocrinology</i> , 2011, 23, 302-309.  | 1.2 | 23        |
| 41 | The fibrate drug gemfibrozil disrupts lipoprotein metabolism in rainbow trout. <i>Toxicology and Applied Pharmacology</i> , 2011, 251, 201-208.  | 1.3 | 50        |
| 42 | Environmental risk assessment for the serotonin reuptake inhibitor fluoxetine: Case study using the European risk assessment framework. <i>Integrated Environmental Assessment and Management</i> , 2010, 6, 524-539.                          | 1.6 | 73        |
| 43 | Secretoneurin is a potential paracrine factor from lactotrophs stimulating gonadotropin release in the goldfish pituitary. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R1290-R1297. | 0.9 | 20        |
| 44 | Waterborne fluoxetine disrupts the reproductive axis in sexually mature male goldfish, <i>Carassius auratus</i> . <i>Aquatic Toxicology</i> , 2010, 100, 354-364.  | 1.9 | 114       |
| 45 | Waterborne fluoxetine disrupts feeding and energy metabolism in the goldfish <i>Carassius auratus</i> . <i>Aquatic Toxicology</i> , 2010, 100, 128-137.  | 1.9 | 103       |
| 46 | Fluoxetine affects weight gain and expression of feeding peptides in the female goldfish brain. <i>Regulatory Peptides</i> , 2009, 155, 99-104.  | 1.9 | 55        |
| 47 | Defining Global Neuroendocrine Gene Expression Patterns Associated with Reproductive Seasonality in Fish. <i>PLoS ONE</i> , 2009, 4, e5816.  | 1.1 | 39        |
| 48 | The goldfish ( <i>Carassius auratus</i> ) as a model for neuroendocrine signaling. <i>Molecular and Cellular Endocrinology</i> , 2008, 293, 43-56.   | 1.6 | 147       |
| 49 | Effects of fluoxetine on the reproductive axis of female goldfish ( <i>Carassius auratus</i> ). <i>Physiological Genomics</i> , 2008, 35, 273-282.   | 1.0 | 124       |
| 50 | Bioinformatic Approach to Identify Penultimate Amino Acids Efficient for N-Terminal Methionine Excision. , 2007, , .   |     | 0         |