## Juliette Legler

List of Publications by Year in descending order

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LULIETTE LECLER

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Identification of known and novel nonpolar endocrine disruptors in human amniotic fluid.<br>Environment International, 2022, 158, 106904.   | 10.0 | 10        |
| 2  | Endocrine Disrupting Chemicals: Current Understanding, New Testing Strategies and Future Research<br>Needs. International Journal of Molecular Sciences, 2021, 22, 933.   | 4.1  | 14        |
| 3  | Insulin-like 3 affects zebrafish spermatogenic cells directly and via Sertoli cells. Communications<br>Biology, 2021, 4, 204.   | 4.4  | 11        |
| 4  | Microplastics and human health. Science, 2021, 371, 672-674.  | 12.6 | 548       |
| 5  | Reproducibility of adipogenic responses to metabolism disrupting chemicals in the 3T3-L1 pre-adipocyte model system: An interlaboratory study. Toxicology, 2021, 461, 152900.   | 4.2  | 14        |
| 6  | Interspecies Differences in Activation of Peroxisome Proliferator-Activated Receptor γ by<br>Pharmaceutical and Environmental Chemicals. Environmental Science & Technology, 2021, 55,<br>16489-16501.  | 10.0 | 19        |
| 7  | The GOLIATH Project: Towards an Internationally Harmonised Approach for Testing Metabolism<br>Disrupting Compounds. International Journal of Molecular Sciences, 2020, 21, 3480.  | 4.1  | 35        |
| 8  | Perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) acutely affect human α1β2γ2L GABAA<br>receptor and spontaneous neuronal network function in vitro. Scientific Reports, 2020, 10, 5311.   | 3.3  | 49        |
| 9  | Inhibition of methyltransferase activity of enhancer of zeste 2 leads to enhanced lipid accumulation and altered chromatin status in zebrafish. Epigenetics and Chromatin, 2020, 13, 5.   | 3.9  | 7         |
| 10 | Method Development for Effect-Directed Analysis of Endocrine Disrupting Compounds in Human<br>Amniotic Fluid. Environmental Science & Technology, 2019, 53, 14649-14659.  | 10.0 | 18        |
| 11 | Early-life exposure to persistent organic pollutants (OCPs, PBDEs, PCBs, PFASs) and<br>attention-deficit/hyperactivity disorder: A multi-pollutant analysis of a Norwegian birth cohort.<br>Environment International, 2019, 125, 33-42.              | 10.0 | 134       |
| 12 | Differential effects of psychoactive substances on human wildtype and polymorphic T356M dopamine transporters (DAT). Toxicology, 2019, 422, 69-75.  | 4.2  | 10        |
| 13 | Prenatal exposure to endocrine disrupting chemicals and risk of being born small for gestational age:<br>Pooled analysis of seven European birth cohorts. Environment International, 2018, 115, 267-278.  | 10.0 | 60        |
| 14 | Alterations in locomotor activity of feeding zebrafish larvae as a consequence of exposure to different environmental factors. Environmental Science and Pollution Research, 2018, 25, 4085-4093.   | 5.3  | 24        |
| 15 | P I – 2–8â€Early-life exposure to persistent organic pollutants and attention-deficit/hyperactivity<br>disorder: a multi-pollutant assessment of a norwegian birth cohort. , 2018, , .  |      | 0         |
| 16 | lonizing radiation induces transgenerational effects of DNA methylation in zebrafish. Scientific<br>Reports, 2018, 8, 15373.  | 3.3  | 50        |
| 17 | Determination of monoamine neurotransmitters in zebrafish (Danio rerio) by gas chromatography coupled to mass spectrometry with a two-step derivatization. Analytical and Bioanalytical Chemistry, 2017, 409, 2931-2939.                              | 3.7  | 14        |
| 18 | Differential DNA methylation at conserved non-genic elements and evidence for transgenerational inheritance following developmental exposure to mono(2-ethylhexyl) phthalate and 5-azacytidine in zebrafish. Epigenetics and Chromatin, 2017, 10, 20. | 3.9  | 47        |

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| 19 | Systematic review and meta-analysis of early life exposure to di(2-ethylhexyl) phthalate and obesity related outcomes in rodents. Chemosphere, 2017, 188, 174-181.   | 8.2              | 54                  |
| 20 | Exposure to endocrine disrupting chemicals perturbs lipid metabolism and circadian rhythms. Journal of Environmental Sciences, 2017, 62, 133-137.  | 6.1              | 41                  |
| 21 | Effects of Hydroxylated Polybrominated Diphenyl Ethers in Developing Zebrafish Are Indicative of<br>Disruption of Oxidative Phosphorylation. International Journal of Molecular Sciences, 2017, 18, 970.                                   | 4.1              | 14                  |
| 22 | Systematic Review and Meta-Analysis of Early-Life Exposure to Bisphenol A and Obesity-Related<br>Outcomes in Rodents. Environmental Health Perspectives, 2017, 125, 106001.  | 6.0              | 80                  |
| 23 | Metabolic targets of endocrine disrupting chemicals assessed by cord blood transcriptome profiling.<br>Reproductive Toxicology, 2016, 65, 307-320.   | 2.9              | 15                  |
| 24 | Perinatal exposure to dioxins and dioxin-like compounds and infant growth and body mass index at<br>seven years: A pooled analysis of three European birth cohorts. Environment International, 2016, 94,<br>399-407.                       | 10.0             | 38                  |
| 25 | Anthropogenic and naturally produced brominated substances in Baltic herring (Clupea harengus) Tj ETQq $1\ 1\ 0.$  | 784314 rg<br>8.2 | gBT /Overloci<br>13 |
| 26 | New Platforms for Fast Assessment of Levels of Testosterone, Dihydrotestosterone, and Estradiol in<br>Children's Saliva. Analytical Letters, 2016, 49, 335-341.  | 1.8              | 2                   |
| 27 | Prenatal exposure to endocrine disrupting chemicals and birth weight—A prospective cohort study.<br>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental<br>Engineering, 2016, 51, 178-185.   | 1.7              | 29                  |
| 28 | Zebrafish embryos as a screen for DNA methylation modifications after compound exposure.<br>Toxicology and Applied Pharmacology, 2016, 291, 84-96.   | 2.8              | 59                  |
| 29 | Changes in Neurotransmitter Profiles during Early Zebrafish ( <i>Danio rerio</i> ) Development and<br>after Pesticide Exposure. Environmental Science & Technology, 2016, 50, 3222-3230.   | 10.0             | 84                  |
| 30 | Pattern recognition of estradiol, testosterone and dihydrotestosterone in children's saliva samples using stochastic microsensors. Scientific Reports, 2015, 4, 5579.  | 3.3              | 14                  |
| 31 | Parma consensus statement on metabolic disruptors. Environmental Health, 2015, 14, 54.   | 4.0              | 174                 |
| 32 | Zebrafish as a Model to Study the Role of Peroxisome Proliferating-Activated Receptors in<br>Adipogenesis and Obesity. PPAR Research, 2015, 2015, 1-11.  | 2.4              | 85                  |
| 33 | Estimating Burden and Disease Costs of Exposure to Endocrine-Disrupting Chemicals in the European<br>Union. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1245-1255.  | 3.6              | 270                 |
| 34 | Comprehensive two-dimensional liquid chromatography coupled to high resolution time of flight<br>mass spectrometry for chemical characterization of sewage treatment plant effluents. Journal of<br>Chromatography A, 2015, 1380, 139-145. | 3.7              | 41                  |
| 35 | Dynamics of DNA Hydroxymethylation in Zebrafish. Zebrafish, 2015, 12, 230-237.   | 1.1              | 26                  |
| 36 | Obesity, Diabetes, and Associated Costs of Exposure to Endocrine-Disrupting Chemicals in the European Union. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1278-1288.   | 3.6              | 193                 |

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|----|--|------|-----------|
| 37 | Multimode sensors as new tools for molecular recognition of testosterone, dihydrotestosterone and estradiol in children's saliva. Journal of Molecular Recognition, 2015, 28, 10-19.                             | 2.1  | 15        |
| 38 | Combined Transcriptomics Analysis for Classification of Adverse Effects As a Potential End Point in Effect Based Screening. Environmental Science & amp; Technology, 2015, 49, 14274-14281.                      | 10.0 | 9         |
| 39 | Zebrafish as a model to study the role of DNA methylation in environmental toxicology.<br>Environmental Science and Pollution Research, 2015, 22, 16262-16276.   | 5.3  | 79        |
| 40 | First Year Growth in Relation to Prenatal Exposure to Endocrine Disruptors — A Dutch Prospective<br>Cohort Study. International Journal of Environmental Research and Public Health, 2014, 11, 7001-7021.        | 2.6  | 60        |
| 41 | OECD validation study to assess intra- and inter-laboratory reproducibility of the zebrafish embryo toxicity test for acute aquatic toxicity testing. Regulatory Toxicology and Pharmacology, 2014, 69, 496-511. | 2.7  | 192       |
| 42 | An Integrated Approach to Assess the Role of Chemical Exposure in Obesity. Obesity, 2013, 21, 1084-1085.   | 3.0  | 13        |
| 43 | Effect-Directed Analysis of Municipal Landfill Soil Reveals Novel Developmental Toxicants in the Zebrafish <i>Danio rerio</i> . Environmental Science & amp; Technology, 2011, 45, 8552-8558.                    | 10.0 | 41        |
| 44 | Epigenetics: An emerging field in environmental toxicology. Integrated Environmental Assessment and<br>Management, 2010, 6, 314-315.   | 2.9  | 15        |
| 45 | New insights into the endocrine disrupting effects of brominated flame retardants. Chemosphere, 2008, 73, 216-222.   | 8.2  | 158       |
| 46 | Are brominated flame retardants endocrine disruptors?. Environment International, 2003, 29, 879-885.   | 10.0 | 295       |