Juliette Legler

List of Publications by Year
in descending order

46	3,177	236612 25	233125 45
papers	citations	h-index	g-index

49	49	49	4663
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microplastics and human health. Science, 2021, 371, 672-674.	6.0	548
2	Are brominated flame retardants endocrine disruptors?. Environment International, 2003, 29, 879-885.	4.8	295
3	Estimating Burden and Disease Costs of Exposure to Endocrine-Disrupting Chemicals in the European Union. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1245-1255.	1.8	270
4	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.	1.8	193
5	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.	1.3	192
6	Parma consensus statement on metabolic disruptors. Environmental Health, 2015, 14, 54.	1.7	174
7	New insights into the endocrine disrupting effects of brominated flame retardants. Chemosphere, 2008, 73, 216-222.	4.2	158
8	Early-life exposure to persistent organic pollutants (OCPs, PBDEs, PCBs, PFASs) and attention-deficit/hyperactivity disorder: A multi-pollutant analysis of a Norwegian birth cohort. Environment International, 2019, 125, 33-42.	4.8	134
9	Zebrafish as a Model to Study the Role of Peroxisome Proliferating-Activated Receptors in Adipogenesis and Obesity. PPAR Research, 2015, 2015, 1-11.	1.1	85
10	Changes in Neurotransmitter Profiles during Early Zebrafish (Danio rerio) Development and after Pesticide Exposure. Environmental Science & Technology, 2016, 50, 3222-3230.	4.6	84
11	Systematic Review and Meta-Analysis of Early-Life Exposure to Bisphenol A and Obesity-Related Outcomes in Rodents. Environmental Health Perspectives, 2017, 125, 106001.	2.8	80
12	Zebrafish as a model to study the role of DNA methylation in environmental toxicology. Environmental Science and Pollution Research, 2015, 22, 16262-16276.	2.7	79
13	First Year Growth in Relation to Prenatal Exposure to Endocrine Disruptors â€" A Dutch Prospective Cohort Study. International Journal of Environmental Research and Public Health, 2014, 11, 7001-7021.	1.2	60
14	Prenatal exposure to endocrine disrupting chemicals and risk of being born small for gestational age: Pooled analysis of seven European birth cohorts. Environment International, 2018, 115, 267-278.	4.8	60
15	Zebrafish embryos as a screen for DNA methylation modifications after compound exposure. Toxicology and Applied Pharmacology, 2016, 291, 84-96.	1.3	59
16	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.	4.2	54
17	Ionizing radiation induces transgenerational effects of DNA methylation in zebrafish. Scientific Reports, 2018, 8, 15373.	1.6	50
18	Perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) acutely affect human Î±1Î²2Î³2L GABAA receptor and spontaneous neuronal network function in vitro. Scientific Reports, 2020, 10, 5311.	1.6	49

#	Article	IF	Citations
19	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.	1.8	47
20	Effect-Directed Analysis of Municipal Landfill Soil Reveals Novel Developmental Toxicants in the Zebrafish Danio rerio. Environmental Science & Technology, 2011, 45, 8552-8558.	4.6	41
21	Comprehensive two-dimensional liquid chromatography coupled to high resolution time of flight mass spectrometry for chemical characterization of sewage treatment plant effluents. Journal of Chromatography A, 2015, 1380, 139-145.	1.8	41
22	Exposure to endocrine disrupting chemicals perturbs lipid metabolism and circadian rhythms. Journal of Environmental Sciences, 2017, 62, 133-137.	3.2	41
23	Perinatal exposure to dioxins and dioxin-like compounds and infant growth and body mass index at seven years: A pooled analysis of three European birth cohorts. Environment International, 2016, 94, 399-407.	4.8	38
24	The GOLIATH Project: Towards an Internationally Harmonised Approach for Testing Metabolism Disrupting Compounds. International Journal of Molecular Sciences, 2020, 21, 3480.	1.8	35
25	Prenatal exposure to endocrine disrupting chemicals and birth weightâ€"A prospective cohort study. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 178-185.	0.9	29
26	Dynamics of DNA Hydroxymethylation in Zebrafish. Zebrafish, 2015, 12, 230-237.	0.5	26
27	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.	2.7	24
28	Interspecies Differences in Activation of Peroxisome Proliferator-Activated Receptor Î³ by Pharmaceutical and Environmental Chemicals. Environmental Science & Technology, 2021, 55, 16489-16501.	4.6	19
29	Method Development for Effect-Directed Analysis of Endocrine Disrupting Compounds in Human Amniotic Fluid. Environmental Science & Technology, 2019, 53, 14649-14659.	4.6	18
30	Epigenetics: An emerging field in environmental toxicology. Integrated Environmental Assessment and Management, 2010, 6, 314-315.	1.6	15
31	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.	1.1	15
32	Metabolic targets of endocrine disrupting chemicals assessed by cord blood transcriptome profiling. Reproductive Toxicology, 2016, 65, 307-320.	1.3	15
33	Pattern recognition of estradiol, testosterone and dihydrotestosterone in children's saliva samples using stochastic microsensors. Scientific Reports, 2015, 4, 5579.	1.6	14
34	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.	1.9	14
35	Effects of Hydroxylated Polybrominated Diphenyl Ethers in Developing Zebrafish Are Indicative of Disruption of Oxidative Phosphorylation. International Journal of Molecular Sciences, 2017, 18, 970.	1.8	14
36	Endocrine Disrupting Chemicals: Current Understanding, New Testing Strategies and Future Research Needs. International Journal of Molecular Sciences, 2021, 22, 933.	1.8	14

#	Article	IF	Citations
37	Reproducibility of adipogenic responses to metabolism disrupting chemicals in the 3T3-L1 pre-adipocyte model system: An interlaboratory study. Toxicology, 2021, 461, 152900.	2.0	14
38	An Integrated Approach to Assess the Role of Chemical Exposure in Obesity. Obesity, 2013, 21, 1084-1085.	1.5	13
39	Anthropogenic and naturally produced brominated substances in Baltic herring (Clupea harengus) Tj ETQq1 1 0.784314 rgBT /Overlock	4.2	13
40	Insulin-like 3 affects zebrafish spermatogenic cells directly and via Sertoli cells. Communications Biology, 2021, 4, 204.	2.0	11
41	Differential effects of psychoactive substances on human wildtype and polymorphic T356M dopamine transporters (DAT). Toxicology, 2019, 422, 69-75.	2.0	10
42	Identification of known and novel nonpolar endocrine disruptors in human amniotic fluid. Environment International, 2022, 158, 106904.	4.8	10
43	Combined Transcriptomics Analysis for Classification of Adverse Effects As a Potential End Point in Effect Based Screening. Environmental Science & Technology, 2015, 49, 14274-14281.	4.6	9
44	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.	1.8	7
45	New Platforms for Fast Assessment of Levels of Testosterone, Dihydrotestosterone, and Estradiol in Childrenâ€™s Saliva. Analytical Letters, 2016, 49, 335-341.	1.0	2
46	P I â€“ 2â€“8â€...Early-life exposure to persistent organic pollutants and attention-deficit/hyperactivity disorder: a multi-pollutant assessment of a norwegian birth cohort. , 2018, , .		0