

# Brett R Blackwell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7801537/publications.pdf>

Version: 2024-02-01

40  
papers

1,337  
citations

394390

19  
h-index

345203

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotics, Bacteria, and Antibiotic Resistance Genes: Aerial Transport from Cattle Feed Yards via Particulate Matter. <i>Environmental Health Perspectives</i> , 2015, 123, 337-343.	6.0	278
2	Year-round presence of neonicotinoid insecticides in tributaries to the Great Lakes, USA. <i>Environmental Pollution</i> , 2018, 235, 1022-1029.	7.5	116
3	An "EAR" on Environmental Surveillance and Monitoring: A Case Study on the Use of Exposure-Activity Ratios (EARs) to Prioritize Sites, Chemicals, and Bioactivities of Concern in Great Lakes Waters. <i>Environmental Science &amp; Technology</i> , 2017, 51, 8713-8724.	10.0	81
4	Potential Toxicity of Complex Mixtures in Surface Waters from a Nationwide Survey of United States Streams: Identifying in Vitro Bioactivities and Causative Chemicals. <i>Environmental Science &amp; Technology</i> , 2019, 53, 973-983.	10.0	75
5	Prioritizing chemicals of ecological concern in Great Lakes tributaries using high-throughput screening data and adverse outcome pathways. <i>Science of the Total Environment</i> , 2019, 686, 995-1009.	8.0	70
6	Re-evaluating the Significance of Estrone as an Environmental Estrogen. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4705-4713.	10.0	60
7	Impaired anterior swim bladder inflation following exposure to the thyroid peroxidase inhibitor 2-mercaptobenzothiazole part II: Zebrafish. <i>Aquatic Toxicology</i> , 2016, 173, 204-217.	4.0	56
8	Evidence for Cross Species Extrapolation of Mammalian-Based High-Throughput Screening Assay Results. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13960-13971.	10.0	45
9	Differentiating Pathway-Specific From Nonspecific Effects in High-Throughput Toxicity Data: A Foundation for Prioritizing Adverse Outcome Pathway Development. <i>Toxicological Sciences</i> , 2018, 163, 500-515.	3.1	43
10	Temporal monitoring of perfluorooctane sulfonate accumulation in aquatic biota downstream of historical aqueous film forming foam use areas. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2022-2029.	4.3	42
11	Impaired anterior swim bladder inflation following exposure to the thyroid peroxidase inhibitor 2-mercaptobenzothiazole part I: Fathead minnow. <i>Aquatic Toxicology</i> , 2016, 173, 192-203.	4.0	40
12	Pathway-based approaches for assessment of real-time exposure to an estrogenic wastewater treatment plant effluent on fathead minnow reproduction. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 702-716.	4.3	34
13	Bioactive contaminants of emerging concern in National Park waters of the northern Colorado Plateau, USA. <i>Science of the Total Environment</i> , 2018, 636, 910-918.	8.0	34
14	Effect of Thyroperoxidase and Deiodinase Inhibition on Anterior Swim Bladder Inflation in the Zebrafish. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6213-6223.	10.0	31
15	Occurrence and Characterization of Steroid Growth Promoters Associated with Particulate Matter Originating from Beef Cattle Feedyards. <i>Environmental Science &amp; Technology</i> , 2015, 49, 8796-8803.	10.0	30
16	An integrated approach for identifying priority contaminant in the Great Lakes Basin " Investigations in the Lower Green Bay/Fox River and Milwaukee Estuary areas of concern. <i>Science of the Total Environment</i> , 2017, 579, 825-837.	8.0	28
17	The Eco-Exposome Concept: Supporting an Integrated Assessment of Mixtures of Environmental Chemicals. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 30-45.	4.3	25
18	De Facto Water Reuse: Bioassay suite approach delivers depth and breadth in endocrine active compound detection. <i>Science of the Total Environment</i> , 2020, 699, 134297.	8.0	24

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19	Quantitative Response-Response Relationships Linking Aromatase Inhibition to Decreased Fecundity are Conserved Across Three Fishes with Asynchronous Oocyte Development. <i>Environmental Science &amp; Technology</i> , 2019, 53, 10470-10478.	10.0	22
20	Characterization of trenbolone acetate and estradiol metabolite excretion profiles in implanted steers. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2850-2858.	4.3	21
21	Effects of 17 $\beta$ -trenbolone and melengestrol acetate on <i>Xenopus laevis</i> growth, development, and survival. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1151-1160.	5.3	19
22	Impaired swim bladder inflation in early life stage fathead minnows exposed to a deiodinase inhibitor, iopanoic acid. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2942-2952.	4.3	17
23	Airborne particulate matter collected near beef cattle feedyards induces androgenic and estrogenic activity in vitro. <i>Agriculture, Ecosystems and Environment</i> , 2015, 203, 29-35.	5.3	15
24	Contaminants in bald eagles of the upper Midwestern U.S.: A framework for prioritizing future research based on in-vitro bioassays. <i>Environmental Pollution</i> , 2019, 244, 861-870.	7.5	15
25	Adverse Outcome Pathway Network-Based Assessment of the Interactive Effects of an Androgen Receptor Agonist and an Aromatase Inhibitor on Fish Endocrine Function. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 913-922.	4.3	15
26	Transformation kinetics of trenbolone acetate metabolites and estrogens in urine and feces of implanted steers. <i>Chemosphere</i> , 2015, 138, 901-907.	8.2	14
27	Effects-Based Monitoring of Bioactive Chemicals Discharged to the Colorado River before and after a Municipal Wastewater Treatment Plant Replacement. <i>Environmental Science &amp; Technology</i> , 2021, 55, 974-984.	10.0	13
28	Effects of Polycyclic Aromatic Hydrocarbons in Northern Bobwhite Quail ( <i>Colinus virginianus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 540-551.	10.2	387
29	Case Study in 21st Century Ecotoxicology: Using In Vitro Aromatase Inhibition Data to Predict Short-Term In Vivo Responses in Adult Female Fish. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1155-1170.	4.3	11
30	Effects-based monitoring of bioactive compounds associated with municipal wastewater treatment plant effluent discharge to the South Platte River, Colorado, USA. <i>Environmental Pollution</i> , 2021, 289, 117928.	7.5	9
31	Analysis of Veterinary Growth Promoters in Airborne Particulate Matter by Liquid Chromatography-Tandem Mass Spectrometry. <i>ACS Symposium Series</i> , 2013, , 137-148.	0.5	8
32	Simultaneous determination of a suite of endogenous steroids by LC-APPI-MS: Application to the identification of endocrine disruptors in aquatic toxicology. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1163, 122513.	2.3	7
33	Food, Beverage, and Feedstock Processing Facility Wastewater: a Unique and Underappreciated Source of Contaminants to U.S. Streams. <i>Environmental Science &amp; Technology</i> , 2022, 56, 1028-1040.	10.0	7
34	Rate Uptake of Three Common Pharmaceuticals in Celery, <i>Apium Graveolens</i> . <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	5
35	A preliminary evaluation of veterinary antibiotics, estrogens, in vitro estrogenic activity and microbial communities in airborne particulate matter collected near dairy production facilities. <i>Aerobiologia</i> , 2019, 35, 315-326.	1.7	5
36	Harmonized Cross-Species Assessment of Endocrine and Metabolic Disruptors by Ecotox FACTORIAL Assay. <i>Environmental Science &amp; Technology</i> , 2020, 54, 12142-12153.	10.0	4

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37	Assessing effects of aromatase inhibition on fishes with group-synchronous oocyte development using western mosquitofish ( <i>Gambusia affinis</i> ) as a model. <i>Aquatic Toxicology</i> , 2021, 232, 105741.	4.0	4
38	In vitro metabolism assessment of thiacloprid in rainbow trout and rat by LC-UV and high resolution-mass spectrometry. <i>Xenobiotica</i> , 2021, 51, 536-548.	1.1	1
39	Gonadal Development in Smallmouth Bass ( <i>Micropterus dolomieu</i> ) Reared in the Absence and Presence of 17 $\alpha$ -ethinylestradiol. <i>Environmental Toxicology and Chemistry</i> , 2022, , .	4.3	1
40	Leveraging ToxCast Data and Protein Sequence Conservation to Complement Aquatic Life Criteria Derivation. <i>Integrated Environmental Assessment and Management</i> , 2022, , .	2.9	1