

Bjarne Styrishave

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,843
citations

331538

21
h-index

276775

41
g-index

64
all docs

64
docs citations

64
times ranked

2605
citing authors

#	ARTICLE	IF	CITATIONS
1	Current state of knowledge on biological effects from contaminants on arctic wildlife and fish. Science of the Total Environment, 2019, 696, 133792.	3.9	184
2	Occurrence and risk assessment of antibiotics in water and lettuce in Ghana. Science of the Total Environment, 2018, 622-623, 293-305.	3.9	181
3	Uptake of antibiotics from irrigation water by plants. Chemosphere, 2016, 157, 107-114.	4.2	136
4	State of knowledge on current exposure, fate and potential health effects of contaminants in polar bears from the circumpolar Arctic. Science of the Total Environment, 2019, 664, 1063-1083.	3.9	106
5	Determination of steroid hormones in blood by GC-MS/MS. Analytical and Bioanalytical Chemistry, 2011, 400, 3409-3417.	1.9	89
6	Ibuprofen alters human testicular physiology to produce a state of compensated hypogonadism. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E715-E724.	3.3	88
7	Brain region-specific perfluoroalkylated sulfonate (PFSA) and carboxylic acid (PFCA) accumulation and neurochemical biomarker Responses in east Greenland polar Bears (Ursus maritimus). Environmental Research, 2015, 138, 22-31.	3.7	78
8	H295R cells as a model for steroidogenic disruption: A broader perspective using simultaneous chemical analysis of 7 key steroid hormones. Toxicology in Vitro, 2012, 26, 343-350.	1.1	59
9	Intrauterine Exposure to Paracetamol and Aniline Impairs Female Reproductive Development by Reducing Follicle Reserves and Fertility. Toxicological Sciences, 2016, 150, 178-189.	1.4	59
10	Tebuconazole disrupts steroidogenesis in Xenopus laevis. Aquatic Toxicology, 2015, 168, 28-37.	1.9	56
11	Aniline Is Rapidly Converted Into Paracetamol Impairing Male Reproductive Development. Toxicological Sciences, 2015, 148, 288-298.	1.4	48
12	Hydroxylated polychlorinated biphenyls decrease circulating steroids in female polar bears (Ursus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	3.7	44
13	Promising Tools in Prostate Cancer Research: Selective Non-Steroidal Cytochrome P450 17A1 Inhibitors. Scientific Reports, 2016, 6, 29468.	1.6	43
14	Two simple cleanup methods combined with LC-MS/MS for quantification of steroid hormones in in vivo and in vitro assays. Analytical and Bioanalytical Chemistry, 2016, 408, 4883-4895.	1.9	43
15	The six most widely used selective serotonin reuptake inhibitors decrease androgens and increase estrogens in the H295R cell line. Toxicology in Vitro, 2017, 41, 1-11.	1.1	41
16	Per- and polyfluoroalkyl substances (PFASs) - New endocrine disruptors in polar bears (Ursus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	4.8	34
17	Antibiotic Exposure in a Low-Income Country: Screening Urine Samples for Presence of Antibiotics and Antibiotic Resistance in Coagulase Negative Staphylococcal Contaminants. PLoS ONE, 2014, 9, e113055.	1.1	32
18	Beta-Lactamase Producing Escherichia coli Isolates in Imported and Locally Produced Chicken Meat from Ghana. PLoS ONE, 2015, 10, e0139706.	1.1	31

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19	Effects of selective serotonin reuptake inhibitors on three sex steroids in two versions of the aromatase enzyme inhibition assay and in the H295R cell assay. <i>Toxicology in Vitro</i> , 2015, 29, 1729-1735.	1.1	30
20	Steroid hormones in blood plasma from Greenland sledge dogs (<i>Canis familiaris</i>) dietary exposed to organohalogen polluted minke whale (<i>Balaenoptera acuterostrata</i>) blubber. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 273-286.	0.6	23
21	A veterinary perspective on One Health in the Arctic. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 84.	0.5	23
22	The classic azole antifungal drugs are highly potent endocrine disruptors in vitro inhibiting steroidogenic CYP enzymes at concentrations lower than therapeutic Cmax. <i>Toxicology</i> , 2019, 425, 152247.	2.0	23
23	Occurrence, removal and risk assessment of steroid hormones in two wastewater stabilization pond systems in Morogoro, Tanzania. <i>Chemosphere</i> , 2018, 212, 1142-1154.	4.2	21
24	Corticosteroid Production in H295R Cells During Exposure to 3 Endocrine Disrupters Analyzed With LC-MS/MS. <i>International Journal of Toxicology</i> , 2013, 32, 219-227.	0.6	20
25	Relationships between POPs, biometrics and circulating steroids in male polar bears (<i>Ursus maritimus</i>) from Svalbard. <i>Environmental Pollution</i> , 2017, 230, 598-608.	3.7	20
26	Acetaminophen metabolism revisited using non-targeted analyses: Implications for human biomonitoring. <i>Environment International</i> , 2021, 149, 106388.	4.8	20
27	Developing a new research tool for use in free-ranging cetaceans: recovering cortisol from harbour porpoise skin. , 2015, 3, cov016.		19
28	Accumulation and potential health effects of organohalogenated compounds in the arctic fox (<i>Vulpes lagopus</i>) – a review. <i>Science of the Total Environment</i> , 2015, 502, 510-516.	3.9	18
29	Determination of thirteen antibiotics in drug products – A new LC-MS/MS tool for screening drug product quality. <i>Analytical Methods</i> , 2014, 6, 5847-5855.	1.3	17
30	Simvastatin decreases steroid production in the H295R cell line and decreases steroids and FSH in female rats. <i>Reproductive Toxicology</i> , 2015, 58, 174-183.	1.3	17
31	Exposure of consumers to substandard antibiotics from selected authorised and unauthorised medicine sales outlets in Ghana. <i>Tropical Medicine and International Health</i> , 2020, 25, 962-975.	1.0	17
32	Analytical sample preparation strategies for the determination of antimalarial drugs in human whole blood, plasma and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 962, 109-131.	1.2	15
33	Steroids in house sparrows (<i>Passer domesticus</i>): Effects of POPs and male quality signalling. <i>Science of the Total Environment</i> , 2016, 547, 295-304.	3.9	15
34	Sertraline Suppresses Testis and Adrenal Steroid Production and Steroidogenic Gene Expression While Increasing LH in Plasma of Male Rats Resulting in Compensatory Hypogonadism. <i>Toxicological Sciences</i> , 2018, 163, 609-619.	1.4	15
35	A novel method for analysing key corticosteroids in polar bear (<i>Ursus maritimus</i>) hair using liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1017-1018, 45-51.	1.2	13
36	Enantioselective endocrine disrupting effects of omeprazole studied in the H295R cell assay and by molecular modeling. <i>Toxicology in Vitro</i> , 2016, 34, 71-80.	1.1	13

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37	Risk evaluation of the Arctic environmental POP exposure based on critical body residue and critical daily dose using captive Greenland sledge dogs (<i>Canis familiaris</i>) as surrogate species. <i>Environment International</i> , 2016, 88, 221-227.	4.8	12
38	Assessment of the analgesic dipyrone as a possible (anti)androgenic endocrine disruptor. <i>Toxicology Letters</i> , 2018, 285, 139-147.	0.4	11
39	Steroidogenic disruptive effects of the serotonin-noradrenaline reuptake inhibitors duloxetine, venlafaxine and tramadol in the H295R cell assay and in a recombinant CYP17 assay. <i>Toxicology in Vitro</i> , 2018, 47, 63-71.	1.1	11
40	Smooth muscle ATP-sensitive potassium channels mediate migraine-relevant hypersensitivity in mouse models. <i>Cephalalgia</i> , 2022, 42, 93-107.	1.8	11
41	Modelling antibiotics transport in a waste stabilization pond system in Tanzania. <i>Ecological Modelling</i> , 2016, 319, 137-146.	1.2	10
42	Structure-based optimisation of non-steroidal cytochrome P450 17A1 inhibitors. <i>Chemical Communications</i> , 2017, 53, 3118-3121.	2.2	9
43	Measuring and validating concentrations of steroid hormones in the skin of bottlenose dolphins (<i>Tursiops truncatus</i>). , 2020, 8, coaa032.		9
44	Steroid hormone profile in female polar bears (<i>Ursus maritimus</i>). <i>Polar Biology</i> , 2015, 38, 1183-1194.	0.5	8
45	Steroid hormones and persistent organic pollutants in plasma from North-eastern Atlantic pilot whales. <i>Environmental Research</i> , 2017, 159, 613-621.	3.7	8
46	Exposure of juvenile turbot (<i>Scophthalmus maximus</i>) to silver nanoparticles and 17 β -ethinylestradiol mixtures: Implications for contaminant uptake and plasma steroid hormone levels. <i>Environmental Pollution</i> , 2017, 220, 328-336.	3.7	8
47	Atorvastatin decreases steroid production in H295R cells and in major endocrine tissues of male rats. <i>Archives of Toxicology</i> , 2018, 92, 1703-1715.	1.9	8
48	Malaria causes long-term effects on markers of iron status in children: a critical assessment of existing clinical and epidemiological tools. <i>Malaria Journal</i> , 2018, 17, 464.	0.8	8
49	Steroid hormones in multiple tissues of East Greenland polar bears (<i>Ursus maritimus</i>). <i>Polar Biology</i> , 2017, 40, 37-49.	0.5	6
50	Microcystins and <i>Microcystis aeruginosa</i> PCC7806 extracts modulate steroidogenesis differentially in the human H295R adrenal model. <i>PLoS ONE</i> , 2020, 15, e0244000.	1.1	6
51	Mixture Effects of 3 Mechanistically Different Steroidogenic Disruptors (Prochloraz, Genistein, and) Tj ETQq1 1 0.784314 rgBT /Overlo	0.6	5
52	Effects of antihistamines on the H295R steroidogenesis – Autocrine up-regulation following 3 β -HSD inhibition. <i>Toxicology in Vitro</i> , 2018, 48, 302-309.	1.1	3
53	The anti-epileptic drug lamotrigine inhibits the CYP17A1 lyase reaction in vitro. <i>Biology of Reproduction</i> , 2018, 99, 888-897.	1.2	3
54	Cefuroxime compared to piperacillin/tazobactam as empirical treatment of <i>Escherichia coli</i> bacteremia in a low Extended-spectrum beta-lactamase (ESBL) prevalence cohort. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 1257-1264.	1.1	3

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55	Detection and quantification of antibiotic residues in urine samples of healthy individuals from rural and urban communities in Ghana using a validated SPE-LC-MS/MS method. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	3
56	HPLC-MS/MS Method for Screening of Selected Antibiotic Adulterants in Herbal Drugs. <i>Analytical Methods</i> , 2022, , .	1.3	3
57	Reservoir of Antibiotic Residues and Resistant Coagulase Negative Staphylococci in a Healthy Population in the Greater Accra Region, Ghana. <i>Antibiotics</i> , 2022, 11, 119.	1.5	3
58	Antibiotic Uptake by Plant Model. <i>Environmental Modeling and Assessment</i> , 2020, 25, 545-553.	1.2	2
59	Follicular fluid steroid hormones and in vitro embryo development in Duroc and Landrace pigs. <i>Theriogenology</i> , 2022, 190, 15-21.	0.9	2
60	Is the unique benzodiazepine structure interacting with CYP enzymes to affect steroid synthesis in vitro?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 205, 105765.	1.2	0
61	Oral anti-diabetic drugs as endocrine disruptors in vitro – No evidence for additive effects in binary mixtures. <i>Toxicology in Vitro</i> , 2021, 70, 105007.	1.1	0
62	Baseline Hepcidin Does Not Predict the Response to Iron Therapy in Pregnant Women with Iron Deficiency. <i>Blood</i> , 2021, 138, 3076-3076.	0.6	0