

Â Erik Baatrup

List of Publications by Year in descending order

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66
papers

3,433
citations

136740

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143772

57
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67
all docs

67
docs citations

67
times ranked

3803
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a Comprehensive Catalog of Zebrafish Behavior 1.0 and Beyond. <i>Zebrafish</i> , 2013, 10, 70-86.	0.5	795
2	Silver nanoparticles and silver nitrate cause respiratory stress in Eurasian perch (<i>Perca fluviatilis</i>). <i>Aquatic Toxicology</i> , 2010, 96, 159-165.	1.9	173
3	Exposure of juvenile guppies to three antiandrogens causes demasculinization and a reduced sperm count in adult males. <i>Aquatic Toxicology</i> , 2002, 56, 227-239.	1.9	166
4	In Vivo Toxicity of Silver Nanoparticles and Silver Ions in Zebrafish (<i>Danio rerio</i>). <i>Journal of Toxicology</i> , 2012, 2012, 1-9.	1.4	150
5	Guppy Sexual Behavior as an Effect Biomarker of Estrogen Mimics. <i>Ecotoxicology and Environmental Safety</i> , 1999, 43, 68-73.	2.9	113
6	Acetylcholinesterase inhibition and altered locomotor behavior in the carabid beetle <i>Pterostichus cupreus</i> . A linkage between biomarkers at two levels of biological complexity. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 1727-1732.	2.2	96
7	Structural and functional effects of heavy metals on the nervous system, including sense organs, of fish. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1991, 100, 253-257.	0.2	85
8	Male zebrafish (<i>Danio rerio</i>) courtship behaviour resists the feminising effects of 17 β -ethinyloestradiol morphological sexual characteristics do not. <i>Aquatic Toxicology</i> , 2008, 87, 234-244.	1.9	80
9	Disturbed sexual characteristics in male mosquitofish (<i>Gambusia holbrooki</i>) from a lake contaminated with endocrine disruptors.. <i>Environmental Health Perspectives</i> , 2003, 111, 695-701.	2.8	78
10	17 β -Ethinylestradiol Reduces the Competitive Reproductive Fitness of the Male Guppy (<i>Poecilia</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3</i>	1.2	75
11	Concurrent effects of cold and hyperkalaemia cause insect chilling injury. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151483.	1.2	71
12	Autometallography: Tissue metals demonstrated by a silver enhancement kit. <i>Histochemistry</i> , 1987, 86, 465-469.	1.9	67
13	Sexual Characteristics Are Altered by 4-tert-Octylphenol and 17 β -Estradiol in the Adult Male Guppy (<i>Poecilia reticulata</i>). <i>Ecotoxicology and Environmental Safety</i> , 2001, 48, 76-84.	2.9	63
14	The Effects of Vinclozolin, an Anti-Androgenic Fungicide, on Male Guppy Secondary Sex Characters and Reproductive Success1. <i>Biology of Reproduction</i> , 2003, 69, 1951-1956.	1.2	60
15	Superparamagnetic iron oxide polyacrylic acid coated Fe_3O_4 nanoparticles do not affect kidney function but cause acute effect on the cardiovascular function in healthy mice. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 276-288.	1.3	60
16	Silver nanoparticles disrupt olfaction in Crucian carp (<i>Carassius carassius</i>) and Eurasian perch (<i>Perca fluviatilis</i>). <i>Aquatic Toxicology</i> , 2011, 104, 145-152.	1.9	59
17	Histochemical demonstration of two mercury pools in trout tissues: Mercury in kidney and liver after mercuric chloride exposure. <i>Ecotoxicology and Environmental Safety</i> , 1986, 12, 267-282.	2.9	58
18	Cytochemical demonstration of mercury deposits in trout liver and kidney following methyl mercury intoxication: Differentiation of two mercury pools by selenium. <i>Ecotoxicology and Environmental Safety</i> , 1987, 14, 129-141.	2.9	53

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19	Effects of the Pyrethroid Insecticide Cypermethrin on the Locomotor Activity of the Wolf Spider <i>Pardosa amentata</i> : Quantitative Analysis Employing Computer-Automated Video Tracking. <i>Ecotoxicology and Environmental Safety</i> , 1993, 26, 138-152.	2.9	52
20	Altered social behavior and sexual characteristics in mosquitofish (<i>Gambusia holbrooki</i>) living downstream of a paper mill. <i>Aquatic Toxicology</i> , 2004, 70, 213-222.	1.9	47
21	Differential effects of mercurial compounds on the electroolfactogram (EOG) of salmon (<i>Salmo</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 45	2.9	45
22	Functional behavior and reproduction in androgenic sex reversed zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1828-1833.	2.2	44
23	Elevated Copper Levels during Larval Development Cause Altered Locomotor Behavior in the Adult Carabid Beetle <i>Pterostichus cupreus</i> L. (Coleoptera: Carabidae). <i>Ecotoxicology and Environmental Safety</i> , 1995, 32, 166-170.	2.9	43
24	Ultrastructural localization of mercury accumulations in the gills, hepatopancreas, midgut, and antennal glands of the brown shrimp, <i>Crangon crangon</i> . <i>Aquatic Toxicology</i> , 1988, 13, 309-324.	1.9	42
25	Primary Sensory Cells in the Skin of <i>Amphioxus</i> (<i>Branchiostoma lanceolatum</i> (P)). <i>Acta Zoologica</i> , 1981, 62, 147-157.	0.6	40
26	Altered sexual characteristics in guppies (<i>Poecilia reticulata</i>) exposed to 17 β -estradiol and 4-tert-octylphenol during sexual development. <i>Ecotoxicology and Environmental Safety</i> , 2003, 56, 228-237.	2.9	40
27	REVERSIBILITY OF ESTROGENIC SEX CHANGES IN ZEBRAFISH (<i>DANIO RERIO</i>). <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1783.	2.2	40
28	ACETYLCHOLINESTERASE INHIBITION AND ALTERED LOCOMOTOR BEHAVIOR IN THE CARABID BEETLE <i>PTEROSTICHUS CUPREUS</i> . A LINKAGE BETWEEN BIOMARKERS AT TWO LEVELS OF BIOLOGICAL COMPLEXITY. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 1727.	2.2	39
29	The normal acid-base status of mice. <i>Respiratory Physiology and Neurobiology</i> , 2012, 180, 252-257.	0.7	38
30	The effects of sublethal dimethoate exposure on the locomotor behavior of the collembolan <i>Folsomia candida</i> (Isotomidae). <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 1587-1590.	2.2	37
31	The effect of Cu(II) on the electro-olfactogram (EOG) of the Atlantic salmon (<i>Salmo salar</i> L) in artificial freshwater of varying inorganic carbon concentrations. <i>Ecotoxicology and Environmental Safety</i> , 1992, 24, 167-178.	2.9	35
32	Quantitative analysis of spider locomotion employing computer-automated video tracking. <i>Physiology and Behavior</i> , 1993, 54, 83-90.	1.0	33
33	The psychoactive drug Escitalopram affects swimming behaviour and increases boldness in zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology</i> , 2018, 27, 485-497.	1.1	32
34	Quantitative studies on the effects of environmental estrogens on the testis of the guppy, <i>Poecilia reticulata</i> . <i>Aquatic Toxicology</i> , 2006, 80, 140-148.	1.9	30
35	Physiological studies on solitary receptors of the oral disc papillae in the adult brook lamprey, <i>Lampetra planeri</i> (Bloch). <i>Chemical Senses</i> , 1985, 10, 559-566.	1.1	29
36	Histochemical demonstration of mercury in the olfactory system of salmon (<i>Salmo salar</i> L.) following treatments with dietary methylmercuric chloride and dissolved mercuric chloride. <i>Ecotoxicology and Environmental Safety</i> , 1990, 20, 277-289.	2.9	29

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37	Woodlouse locomotor behavior in the assessment of clean and contaminated field sites. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 2309-2314.	2.2	29
38	On the Structure of the Corpuscles of de Quatrefages (<i>Branchiostoma lanceolatum</i> (P)). <i>Acta Zoologica</i> , 1982, 63, 39-44.	0.6	27
39	Altered locomotory behavior in woodlice (<i>Oniscus asellus</i> (L.)) collected at a polluted site. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 685-690.	2.2	26
40	Pesticide uptake and locomotor behaviour in the woodlouse: an experimental study employing video tracking and 14C-labelling. <i>Ecotoxicology</i> , 1996, 5, 35-45.	1.1	25
41	Quantitative and histochemical demonstration of mercury deposits in the inner ear of trout, <i>Salmo trutta</i> , exposed to dietary methylmercury and dissolved mercuric chloride. <i>Aquatic Toxicology</i> , 1993, 25, 55-70.	1.9	23
42	Disrupted reproductive behavior in unexposed female zebrafish (<i>Danio rerio</i>) paired with males exposed to low concentrations of 17 β -ethinylestradiol (EE2). <i>Aquatic Toxicology</i> , 2015, 160, 197-204.	1.9	23
43	Predation of the mite <i>Hypoaspis aculeifer</i> on the springtail <i>Folsomia fimetaria</i> and the influence of sex, size, starvation, and poisoning. <i>Entomologia Experimentalis Et Applicata</i> , 2006, 118, 61-70.	0.7	22
44	Fecundity, 17 β -estradiol concentrations and expression of vitellogenin and estrogen receptor genes throughout the ovarian cycle in female Eastern mosquitofish from three lakes in Florida. <i>Aquatic Toxicology</i> , 2007, 81, 245-255.	1.9	21
45	Measuring Complex Behavior Patterns in Fish—Effects of Endocrine Disruptors on the Guppy Reproductive Behavior. <i>Human and Ecological Risk Assessment (HERA)</i> , 2009, 15, 53-62.	1.7	20
46	The role of nitric oxide in the cardiovascular response to chronic and acute hypoxia in White Leghorn chicken (<i>Gallus domesticus</i>). <i>Acta Physiologica</i> , 2014, 211, 346-357.	1.8	19
47	Physiological studies on the pharyngeal terminal buds in the larval brook lamprey, <i>Lampetra planeri</i> (Bloch). <i>Chemical Senses</i> , 1985, 10, 549-558.	1.1	18
48	Mercury-selenium interactions in relation to histochemical staining of mercury in the rat liver. <i>The Histochemical Journal</i> , 1989, 21, 89-98.	0.6	18
49	p,p'-DDE fails to reduce the competitive reproductive fitness in Nigerian male guppies. <i>Ecotoxicology and Environmental Safety</i> , 2006, 63, 148-157.	2.9	18
50	Ciliated Receptors in the Pharyngeal Terminal Buds of Larval <i>Lampetra planeri</i> (Bloch) (Cyclostomata). <i>Acta Zoologica</i> , 1983, 64, 67-75.	0.6	15
51	Terminal Buds in the Branchial Tube of the Brook Lamprey (<i>Lampetra planeri</i> (Bloch))—Putative Respiratory Monitors. <i>Acta Zoologica</i> , 1983, 64, 139-147.	0.6	14
52	Acute toxicity of sea-dumped chemical munitions: luminating the environmental toxicity of legacy compounds. <i>Global Security: Health, Science and Policy</i> , 2016, 1, 39-50.	1.0	14
53	THE EFFECTS OF SUBLETHAL DIMETHOATE EXPOSURE ON THE LOCOMOTOR BEHAVIOR OF THE COLLEMBOLAN FOLSOMIA CANDIDA (ISOTOMIDAE). <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 1587.	2.2	14
54	Ultrastructural localization of silver in rat testis and organ distribution of radioactive silver in the rat. <i>Journal of Applied Toxicology</i> , 1991, 11, 317-321.	1.4	13

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55	Histochemical distribution of zinc in the brain of the rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Anatomy and Embryology</i> , 1992, 185, 379-88.	1.5	12
56	Selenium-induced autometallographic demonstration of endogenous zinc in organs of the rainbow trout, <i>Salmo gairdneri</i> . <i>Histochemistry</i> , 1989, 90, 417-425.	1.9	11
57	The Psychoactive Drug Escitalopram Affects Foraging Behavior in Zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1902-1910.	2.2	10
58	Darkfield illumination improves microscopic detection of metals in Timm's stained tissue. <i>The Histochemical Journal</i> , 1989, 21, 477-480.	0.6	8
59	Urokinase-type Plasminogen Activator-like Proteases in Teleosts Lack Genuine Receptor-binding Epidermal Growth Factor-like Domains. <i>Journal of Biological Chemistry</i> , 2012, 287, 27526-27536.	1.6	8
60	Histochemical distribution of zinc in the brain of the rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Anatomy and Embryology</i> , 1992, 186, 275-84.	1.5	7
61	Differences in Reproductive Behavior between Spawning and Non-Spawning Zebrafish Pairs and the Effects of 17 β -Ethinylestradiol (EE2). <i>Toxics</i> , 2016, 4, 22.	1.6	5
62	Spontaneous movement behaviour in spiders (Araneae) with different hunting strategies. <i>Biological Journal of the Linnean Society</i> , 2018, 125, 184-193.	0.7	5
63	Intravascular infusion of PEGylated Au nanoparticles affects cardiovascular function in healthy mice. <i>Human and Experimental Toxicology</i> , 2013, 32, 216-221.	1.1	4
64	Suppressed swimming activity in Zebrafish (<i>Danio rerio</i>) exposed to 1,4,5-oxadithiepane, a sulphur mustard degradation product. <i>Global Security: Health, Science and Policy</i> , 2017, 2, 22-28.	1.0	4
65	Animal Locomotor Behaviour as a Health Biomarker of Chemical Stress. <i>Archives of Toxicology Supplement</i> , 1998, , 164-178.	0.7	2
66	Exponential distribution of velocities and power distribution of quiescent periods in the spontaneous movement patterns of three hunting spiders. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 806-816.	0.7	1