Helmut Segner

List of Publications by Year
in descending order

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236	11,892	18482	38395
papers	citations	62 h-index	95 g-index

242	242	242	10269
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estrogens as immunotoxicants: 17Î±-ethinylestradiol exposure retards thymus development in zebrafish (Danio rerio). Aquatic Toxicology, 2022, 242, 106025.	4.0	12
2	Assessing Fish Immunotoxicity by Means of In Vitro Assays: Are We There Yet?. Frontiers in Immunology, 2022, 13, 835767.	4.8	7
3	Immunotoxic effects of metal-based nanoparticles in fish and bivalves. Nanotoxicology, 2022, 16, 88-113.	3.0	11
4	Xenobiotic metabolism and its physiological consequences in high-Antarctic Notothenioid fishes. Polar Biology, 2022, 45, 345-358.	1.2	1
5	Reliable Field Assessment of Proliferative Kidney Disease in Wild Brown Trout, Salmo trutta, Populations: When Is the Optimal Sampling Period?. Pathogens, 2022, 11, 681.	2.8	1
6	MyFishCheck: A Model to Assess Fish Welfare in Aquaculture. Animals, 2021, 11, 145.	2.3	12
7	Evaluation of an in vitro assay to screen for the immunotoxic potential of chemicals to fish. Scientific Reports, 2021, 11, 3167.	3.3	12
8	Environmental Risk of Pesticides for Fish in Small- and Medium-Sized Streams of Switzerland. Toxics, 2021, 9, 79.	3.7	10
9	It's a hard knock life for some: Heterogeneity in infection life history of salmonids influences parasite disease outcomes. Journal of Animal Ecology, 2021, 90, 2573-2593.	2.8	4
10	Immunotoxicity of Xenobiotics in Fish: A Role for the Aryl Hydrocarbon Receptor (AhR)?. International Journal of Molecular Sciences, 2021, 22, 9460.	4.1	19
11	Interpretation of sexual secondary characteristics (SSCs) in regulatory testing for endocrine activity in fish. Chemosphere, 2020, 240, 124943.	8.2	9
12	Does hepatotoxicity interfere with endocrine activity in zebrafish (Danio rerio)?. Chemosphere, 2020, 238, 124589.	8.2	18
13	Assessing endocrine disruption in freshwater fish species from a â€œhotspotâ€•for estrogenic activity in sediment. Environmental Pollution, 2020, 257, 113636.	7.5	21
14	In Vitro Biotransformation Assays Using Liver S9 Fractions and Hepatocytes from Rainbow Trout (Oncorhynchus mykiss): Overcoming Challenges with Difficult to Test Fragrance Chemicals. Environmental Toxicology and Chemistry, 2020, 39, 2396-2408.	4.3	12
15	Aryl Hydrocarbon Receptor Signaling Is Functional in Immune Cells of Rainbow Trout (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Ove	4.1	12
16	Zooplankton Feeding Induces Macroscopical Gonad Malformations in Whitefish (Coregonus ssp.) from Lake Thun, Switzerland. Fishes, 2020, 5, 26.	1.7	0
17	Thymus development in the zebrafish (Danio rerio) from an ecoimmunology perspective. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2020, 333, 805-819.	1.9	11
18	Effects of parasite concentrations on infection dynamics and proliferative kidney disease pathogenesis in brown trout (Salmo trutta). Transboundary and Emerging Diseases, 2020, 67, 2642-2652.	3.0	6

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19	ABC transporters in gills of rainbow trout (Oncorhynchus mykiss). Journal of Experimental Biology, 2020, 223, .	1.7	9
20	Long-term exposure to low 17Î±-ethinylestradiol (EE2) concentrations disrupts both the reproductive and the immune system of juvenile rainbow trout, Oncorhynchus mykiss. Environment International, 2020, 142, 105836.	10.0	24
21	Back From the Brink: Alterations in B and T Cell Responses Modulate Recovery of Rainbow Trout From Chronic Immunopathological Tetracapsuloides bryosalmonae Infection. Frontiers in Immunology, 2020, 11, 1093.	4.8	8
22	Microplastics negatively impact embryogenesis and modulate the immune response of the marine medaka Oryzias melastigma. Marine Pollution Bulletin, 2020, 158, 111349.	5.0	44
23	Comparative study of cytotoxicity by platinum nanoparticles and ions in vitro systems based on fish cell lines. Toxicology in Vitro, 2020, 66, 104859.	2.4	9
24	Antimicrobial activity and mechanisms of multiple antimicrobial peptides isolated from rockfish Sebastiscus marmoratus. Fish and Shellfish Immunology, 2019, 93, 1007-1017.	3.6	30
25	Transcriptomic analysis of the impacts of ethinylestradiol (EE2) and its consequences for proliferative kidney disease outcome in rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 222, 31-48.	2.6	22
26	Thyroid Hormone Disruptors Interfere with Molecular Pathways of Eye Development and Function in Zebrafish. International Journal of Molecular Sciences, 2019, 20, 1543.	4.1	31
27	Keeping an Eye on Wild Brown Trout (Salmo trutta) Populations: Correlation Between Temperature, Environmental Parameters, and Proliferative Kidney Disease. Frontiers in Veterinary Science, 2019, 6, 281.	2.2	14
28	Feed contamination with zearalenone promotes growth but affects the immune system of rainbow trout. Fish and Shellfish Immunology, 2019, 84, 680-694.	3.6	23
29	Exploring the immune response, tolerance and resistance in proliferative kidney disease of salmonids. Developmental and Comparative Immunology, 2019, 90, 165-175.	2.3	35
30	Expression of aryl hydrocarbon receptorâ€“regulated genes and superoxide dismutase in the Antarctic eelpout Pachycara brachycephalum exposed to benzo[a]pyrene. Environmental Toxicology and Chemistry, 2018, 37, 1487-1495.	4.3	4
31	Temperature-related parasite infection dynamics: the case of proliferative kidney disease of brown trout. Parasitology, 2018, 145, 281-291.	1.5	38
32	Persistent organic pollutants in red- and white-blooded High-Antarctic notothenioid fish from the remote Weddell Sea. Chemosphere, 2018, 193, 213-222.	8.2	9
33	In vitro or not in vitro: a short journey through a long history. Environmental Sciences Europe, 2018, 30, 23.	5.5	49
34	An International Perspective on the Tools and Concepts for Effluent Toxicity Assessments in the Context of Animal Alternatives: Reduction in Vertebrate Use. Environmental Toxicology and Chemistry, 2018, 37, 2745-2757.	4.3	31
35	Trade-Offs Underwater: Physiological Plasticity of Rainbow Trout (Oncorhynchus mykiss) Confronted by Multiple Stressors. Fishes, 2018, 3, 49.	1.7	12
36	Reliability of In Vitro Methods Used to Measure Intrinsic Clearance of Hydrophobic Organic Chemicals by Rainbow Trout: Results of an International Ring Trial. Toxicological Sciences, 2018, 164, 563-575.	3.1	36

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37	Sex-specific immunomodulatory action of the environmental estrogen 17Î±-ethynylestradiol alongside with reproductive impairment in fish. Aquatic Toxicology, 2018, 203, 95-106.	4.0	22
38	Immune-Specific Expression and Estrogenic Regulation of the Four Estrogen Receptor Isoforms in Female Rainbow Trout (Oncorhynchus mykiss). International Journal of Molecular Sciences, 2018, 19, 932.	4.1	18
39	Toward sustainable environmental quality: Priority research questions for Europe. Environmental Toxicology and Chemistry, 2018, 37, 2281-2295.	4.3	98
40	Do fish get wasted? Assessing the influence of effluents on parasitic infection of wild fish. PeerJ, 2018, 6, e5956.	2.0	16
41	A role for multiple estrogen receptors in immune regulation of common carp. Developmental and Comparative Immunology, 2017, 66, 61-72.	2.3	32
42	Who needs the hotspot? The effect of temperature on the fish host immune response to Tetracapsuloides bryosalmonae the causative agent of proliferative kidney disease. Fish and Shellfish Immunology, 2017, 63, 424-437.	3.6	58
43	20 Years of fish immunotoxicology â€“ what we know and where we are. Critical Reviews in Toxicology, 2017, 47, 516-542.	3.9	72
44	Stress differentially affects the systemic and leukocyte estrogen network in common carp. Fish and Shellfish Immunology, 2017, 68, 190-201.	3.6	9
45	The immunomodulatory role of the hypothalamus-pituitary-gonad axis: Proximate mechanism for reproduction-immune trade offs?. Developmental and Comparative Immunology, 2017, 66, 43-60.	2.3	63
46	Mode of Action Assignment of Chemicals Using Toxicogenomics: A Case Study with Oxidative Uncouplers. Frontiers in Environmental Science, 2017, 5, .	3.3	4
47	Epitheliocystis Distribution and Characterization in Brown Trout (Salmo trutta) from the Headwaters of Two Major European Rivers, the Rhine and Rhone. Frontiers in Physiology, 2016, 7, 131.	2.8	12
48	Persistent organic pollutants in tissues of the white-blooded Antarctic fish Champsocephalus gunnari and Chaenocephalus aceratus. Chemosphere, 2016, 161, 555-562.	8.2	11
49	What constitutes a model organism in ecotoxicology?. Integrated Environmental Assessment and Management, 2016, 12, 199-200.	2.9	14
50	Comment on â€œUptake and Accumulation of Polystyrene Microplastics in zebrafish (Danio rerio) and Toxic Effects in Liverâ€• Environmental Science & Technology, 2016, 50, 12521-12522.	10.0	20
51	Hepatocytes as in vitro test system to investigate metabolite patterns of pesticides in farmed rainbow trout and common carp: Comparison between in vivo and in vitro and across species. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 187, 62-73.	2.6	16
52	Thyroid active agents T3 and PTU differentially affect immune gene transcripts in the head kidney of rainbow trout (Oncorynchus mykiss). Aquatic Toxicology, 2016, 174, 159-168.	4.0	13
53	The emergence of epitheliocystis in the upper Rhone region: evidence for Chlamydiae in wild and farmed salmonid populations. Archives of Microbiology, 2016, 198, 315-324.	2.2	14
54	ABC transporters and xenobiotic defense systems in early life stages of rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 185-186, 45-56.	2.6	16

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55	Thyroid disruption in zebrafish (Danio rerio) larvae: Different molecular response patterns lead to impaired eye development and visual functions. Aquatic Toxicology, 2016, 172, 44-55.	4.0	94
56	In response: The evidenceâ€"What actions are needed to effectively transfer from science to policy? An academic perspective. Environmental Toxicology and Chemistry, 2015, 34, 1208-1210.	4.3	2
57	Determination of Metabolic Stability Using Cryopreserved Hepatocytes from Rainbow Trout () Tj ETQq1 1 0.784314 rgBT /Overlock 1 (editor-in-chief) [et Al], 2015, 65, 4.42.1-4.42.29.	1.1	11
58	In Vitro Methodologies in Ecotoxicological Hazard Assessment: The Case of Bioaccumulation Testing for Fish. ATLA Alternatives To Laboratory Animals, 2015, 43, P14-P16.	1.0	5
59	Comparative Cytotoxicity Study of Silver Nanoparticles (AgNPs) in a Variety of Rainbow Trout Cell Lines (RTL-W1, RTH-149, RTG-2) and Primary Hepatocytes. International Journal of Environmental Research and Public Health, 2015, 12, 5386-5405.	2.6	57
60	Increasing Scientific Confidence in Adverse Outcome Pathways: Application of Tailored Bradford-Hill Considerations for Evaluating Weight of Evidence. Regulatory Toxicology and Pharmacology, 2015, 72, 514-537.	2.7	198
61	Future water quality monitoring â€" Adapting tools to deal with mixtures of pollutants in water resource management. Science of the Total Environment, 2015, 512-513, 540-551.	8.0	243
62	Transfer and effects of 1,2,3,5,7-pentachloronaphthalene in an experimental food chain. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 169, 46-54.	2.6	1
63	Benzo(a)pyrene Metabolism and EROD and GST Biotransformation Activity in the Liver of Red- and White-Blooded Antarctic Fish. Environmental Science & Technology, 2015, 49, 8022-8032.	10.0	32
64	Linking Ah receptor mediated effects of sediments and impacts on fish to key pollutants in the Yangtze Three Gorges Reservoir, China â€" A comprehensive perspective. Science of the Total Environment, 2015, 538, 191-211.	8.0	16
65	Molecular and cellular effects of contamination in aquatic ecosystems. Environmental Science and Pollution Research, 2015, 22, 17261-17266.	5.3	26
66	The SOLUTIONS project: Challenges and responses for present and future emerging pollutants in land and water resources management. Science of the Total Environment, 2015, 503-504, 22-31.	8.0	163
67	Prochloraz causes irreversible masculinization of zebrafish (Danio rerio). Environmental Science and Pollution Research, 2015, 22, 16417-16422.	5.3	31
68	Intersex Occurrence in Rainbow Trout (Oncorhynchus mykiss) Male Fry Chronically Exposed to Ethynylestradiol. PLoS ONE, 2014, 9, e98531.	2.5	43
69	Human and ecological risk assessment of a crop protection chemical: a case study with the azole fungicide epoxiconazole. Critical Reviews in Toxicology, 2014, 44, 176-210.	3.9	71
70	The teleostean liver as an immunological organ: Intrahepatic immune cells (IHICs) in healthy and benzo[a]pyrene challenged rainbow trout (Oncorhynchus mykiss). Developmental and Comparative Immunology, 2014, 46, 518-529.	2.3	69
71	Tissue-Specific Metabolism of Benzo[a]pyrene in Rainbow Trout (Oncorhynchus mykiss): A Comparison between the Liver and Immune Organs. Drug Metabolism and Disposition, 2014, 42, 111-118.	3.3	24
72	Transient exposure to environmental estrogen affects embryonic development of brown trout (Salmo) Tj ETQq0 0 0 rgBT /Overlock 10 T	4.0	11

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73	Persistence of endocrine disruption in zebrafish (Danio rerio) after discontinued exposure to the androgen 17Î²â€trenbolone. Environmental Toxicology and Chemistry, 2014, 33, 2488-2496.	4.3	40
74	Intra- and Interlaboratory Reliability of a Cryopreserved Trout Hepatocyte Assay for the Prediction of Chemical Bioaccumulation Potential. Environmental Science & Technology, 2014, 48, 8170-8178.	10.0	35
75	Detection and quantification of Flavobacterium psychrophilum in water and fish tissue samples by quantitative real time PCR. BMC Microbiology, 2014, 14, 105.	3.3	35
76	Integrated testing strategy (ITS) for bioaccumulation assessment under REACH. Environment International, 2014, 69, 40-50.	10.0	14
77	Reversibility of endocrine disruption in zebrafish (Danio rerio) after discontinued exposure to the estrogen 17Î±-ethinylestradiol. Toxicology and Applied Pharmacology, 2014, 278, 230-237.	2.8	64
78	Developmental oestrogen exposure differentially modulates IGF-I and TNF-Î± expression levels in immune organs of Yersinia ruckeri-challenged young adult rainbow trout (Oncorhynchus mykiss). General and Comparative Endocrinology, 2014, 205, 168-175.	1.8	18
79	Monitoring Programmes, Multiple Stress Analysis and Decision Support for River Basin Management. Handbook of Environmental Chemistry, 2014, , 151-182.	0.4	2
80	Status and Causal Pathway Assessments Supporting River Basin Management. Handbook of Environmental Chemistry, 2014, , 53-149.	0.4	2
81	Expert opinion on toxicity profilingâ€"report from a NORMAN expert group meeting. Integrated Environmental Assessment and Management, 2013, 9, 185-191.	2.9	31
82	Analysis of protein expression in zebrafish during gonad differentiation by targeted proteomics. General and Comparative Endocrinology, 2013, 193, 210-220.	1.8	32
83	Molecular epidemiology of Flavobacterium psychrophilum from Swiss fish farms. Diseases of Aquatic Organisms, 2013, 105, 203-210.	1.0	31
84	Impact of environmental estrogens on Yfish considering the diversity of estrogen signaling. General and Comparative Endocrinology, 2013, 191, 190-201.	1.8	61
85	Molecular crosstalk between a chemical and a biological stressor and consequences on disease manifestation in rainbow trout. Aquatic Toxicology, 2013, 127, 2-8.	4.0	17
86	Climate change and infectious diseases of wildlife: Altered interactions between pathogens, vectors and hosts. Environmental Epigenetics, 2013, 59, 427-437.	1.8	93
87	Candidatus Syngnamydia Venezia, a Novel Member of the Phylum Chlamydiae from the Broad Nosed Pipefish, Syngnathus typhle. PLoS ONE, 2013, 8, e70853.	2.5	43
88	Emergence of Canine Distemper Virus Strains With Modified Molecular Signature and Enhanced Neuronal Tropism Leading to High Mortality in Wild Carnivores. Veterinary Pathology, 2012, 49, 913-929.	1.7	74
89	Assessment of Metabolic Stability Using the Rainbow Trout (Oncorhynchus mykiss) Liver S9 Fraction. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2012, 53, Unit 14.10.1-28.	1.1	40
90	Immunotoxic effects of environmental toxicants in fish â€" how to assess them?. Environmental Science and Pollution Research, 2012, 19, 2465-2476.	5.3	69

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91	Estrogen Modulates Hepatic Gene Expression and Survival of Rainbow Trout Infected with Pathogenic Bacteria Yersinia ruckeri. Marine Biotechnology, 2012, 14, 530-543.	2.4	16
92	Pathogenic infection confounds induction of the estrogenic biomarker vitellogenin in rainbow trout. Environmental Toxicology and Chemistry, 2012, 31, 2318-2323.	4.3	8
93	Fluorescent In Situ Hybridization: A New Tool for the Direct Identification and Detection of F. psychrophilum. PLoS ONE, 2012, 7, e49280.	2.5	9
94	Advances in the Multibiomarker Approach for Risk Assessment in Aquatic Ecosystems. Handbook of Environmental Chemistry, 2012, , 147-179.	0.4	11
95	Bioavailability of pharmaceuticals in waters close to wastewater treatment plants: Use of fish bile for exposure assessment. Environmental Toxicology and Chemistry, 2012, 31, 1831-1837.	4.3	24
96	Developmental toxicity and endocrine disrupting potency of 4-azapyrene, benzo[b]fluorene and retene in the zebrafish Danio rerio. Reproductive Toxicology, 2012, 33, 213-223.	2.9	49
97	A natural freshwater origin for two chlamydial species, Candidatus Piscichlamydia salmonis and Candidatus Clavochlamydia salmonicola, causing mixed infections in wild brown trout (Salmo trutta). Environmental Microbiology, 2012, 14, 2048-2057.	3.8	39
98	Health of farmed fish: its relation to fish welfare and its utility as welfare indicator. Fish Physiology and Biochemistry, 2012, 38, 85-105.	2.3	172
99	Kidney pathology and parasite intensity in rainbow trout Oncorhynchus mykiss surviving proliferative kidney disease: time course and influence of temperature. Diseases of Aquatic Organisms, 2012, 97, 207-218.	1.0	50
100	Protein and Lipid Binding Parameters in Rainbow Trout (Oncorhynchus mykiss) Blood and Liver Fractions to Extrapolate from anin VitroMetabolic Degradation Assay toin VivoBioaccumulation Potential of Hydrophobic Organic Chemicals. Chemical Research in Toxicology, 2011, 24, 1134-1143.	3.3	71
101	Moving beyond a descriptive aquatic toxicology: The value of biological process and trait information. Aquatic Toxicology, 2011, 105, 50-55.	4.0	67
102	17Beta-estradiol affects the response of complement components and survival of rainbow trout (Oncorhynchus mykiss) challenged by bacterial infection. Fish and Shellfish Immunology, 2011, 31, 90-97.	3.6	63
103	Reproductive and developmental toxicity in fishes. , 2011, , 1145-1166.		13
104	Identification of Candidate Genes and Physiological Pathways Involved in Gonad Deformation in Whitefish (Coregonus spp.) from Lake Thun, Switzerland. International Journal of Environmental Research and Public Health, 2011, 8, 2706-2733.	2.6	2
105	Endocrine disrupting compounds: Can they target the immune system of fish?. Marine Pollution Bulletin, 2011, 63, 412-416.	5.0	82
106	Ecological Relevance of Key Toxicants in Aquatic Systems. Handbook of Environmental Chemistry, 2011, , 315-339.	0.4	2
107	Global proteomics analysis of testis and ovary in adult zebrafish (Danio rerio). Fish Physiology and Biochemistry, 2011, 37, 619-647.	2.3	62
108	Health of farmed fish: its relation to fish welfare and its utility as welfare indicator. , 2011, , 85-105.		0

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109	Assessing relationships between chemical exposure, parasite infection, fish health, and fish ecological status: A case study using chub (Leuciscus cephalus) in the BÃlina River, Czech Republic. Environmental Toxicology and Chemistry, 2010, 29, 453-466.	4.3	11
110	Nutritional Metabolic Bone Disease in Juvenile Veiled Chameleons (Chamaeleo calyptratus) and Its Prevention. Journal of Nutrition, 2010, 140, 1923-1931.	2.9	49
111	Immunotoxic Effects of Organotin Compounds in Teleost Fish. , 2009, , 207-218.		8
112	Variability of in vivo fish acute toxicity data. Regulatory Toxicology and Pharmacology, 2009, 54, 294-300.	2.7	54
113	Zebrafish (Danio rerio) as a model organism for investigating endocrine disruption. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 187-195.	2.6	177
114	The state of in vitro science for use in bioaccumulation assessments for fish. Environmental Toxicology and Chemistry, 2009, 28, 86-96.	4.3	69
115	Estrogen receptor subtype Î²2 is involved in neuromast development in zebrafish (Danio rerio) larvae. Developmental Biology, 2009, 330, 32-43.	2.0	53
116	Zebrafish (Danio rerio) neuromast: Promising biological endpoint linking developmental and toxicological studies. Aquatic Toxicology, 2009, 95, 307-319.	4.0	109
117	Proliferative kidney disease (PKD) of rainbow trout: temperature- and time-related changes ofTetracapsuloides bryosalmonaeDNA in the kidney. Parasitology, 2009, 136, 615-625.	1.5	71
118	Proliferative kidney disease in rainbow trout: time- and temperature-related renal pathology and parasite distribution. Diseases of Aquatic Organisms, 2009, 83, 67-76.	1.0	82
119	Interference of endocrine disrupting chemicals with aromatase CYP19 expression or activity, and consequences for reproduction of teleost fish. General and Comparative Endocrinology, 2008, 155, 31-62.	1.8	280
120	Sensitivity of brown trout reproduction to long-term estrogenic exposure. Aquatic Toxicology, 2008, 90, 65-72.	4.0	15
121	Tissue-specific induction of EROD activity and CYP1A protein in Sparus aurata exposed to B(a)P and TCDD. Ecotoxicology and Environmental Safety, 2008, 69, 80-88.	6.0	58
122	Estrogenic Endocrine Disruption in Switzerland: Assessment of Fish Exposure and Effects. Chimia, 2008, 62, 376.	0.6	23
123	Surface Marker-Defined Head Kidney Granulocytes and B Lymphocytes of Rainbow Trout Express Benzo[a]pyrene-Inducible Cytochrome P4501A Protein. Toxicological Sciences, 2008, 103, 86-96.	3.1	37
124	In-vitroscreening of the antiestrogenic activity of chemicals. Expert Opinion on Drug Metabolism and Toxicology, 2008, 4, 605-617.	3.3	3
125	Environmentally Relevant Concentrations of 17Î±-Ethinylestradiol (EE2) Interfere With the Growth Hormone (GH)/Insulin-Like Growth Factor (IGF)-I System in Developing Bony Fish. Toxicological Sciences, 2008, 106, 93-102.	3.1	83
126	Liver Toxicity. , 2008, , 327-400.		28

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127	Gonadal Malformations in Whitefish from Lake Thun: Defining the Case and Evaluating the Role of EDCs. Chimia, 2008, 62, 383-388.	0.6	22
128	Background pathology of the ovary in a laboratory population of zebrafish Danio rerio. Diseases of Aquatic Organisms, 2008, 79, 169-172.	1.0	14
129	Ethinylestradiol differentially interferes with IGF-I in liver and extrahepatic sites during development of male and female bony fish. Journal of Endocrinology, 2007, 195, 513-523.	2.6	66
130	Ecotoxicology â€“ How to Assess the Impact of Toxicants in a Multi-Factorial Environment?. NATO Science for Peace and Security Series C: Environmental Security, 2007, , 39-56.	0.2	15
131	Use ofIn VitroAbsorption, Distribution, Metabolism, and Excretion (ADME) Data in Bioaccumulation Assessments for Fish. Human and Ecological Risk Assessment (HERA), 2007, 13, 1164-1191.	3.4	46
132	The zebrafish, brainâ€specific, aromatase cyp19a2 is neither expressed nor distributed in a sexually dimorphic manner during sexual differentiation. Developmental Dynamics, 2007, 236, 3155-3166.	1.8	48
133	Assessment of fish health status in four Swiss rivers showing a decline of brown trout catches. Aquatic Sciences, 2007, 69, 11-25.	1.5	110
134	Monitoring Pollution in River MureÅž, Romania, Part III: biochemical effect markers in fish and integrative reflection. Environmental Monitoring and Assessment, 2007, 127, 47-54.	2.7	30
135	Expression of Zebra Fish Aromatase cyp19a and cyp19b Genes in Response to the Ligands of Estrogen Receptor and Aryl Hydrocarbon Receptor. Toxicological Sciences, 2006, 96, 255-267.	3.1	79
136	Comment on â€œLessons from Endocrine Disruption and Their Application to Other Issues Concerning Trace Organics in the Aquatic Environmentâ€• Environmental Science & Technology, 2006, 40, 1084-1085.	10.0	73
137	Vitellogenin synthesis in primary cultures of fish liver cells as endpoint for in vitro screening of the (anti)estrogenic activity of chemical substances. Aquatic Toxicology, 2006, 80, 1-22.	4.0	84
138	Aromatase in zebrafish: A potential target for endocrine disrupting chemicals. Marine Environmental Research, 2006, 62, S187-S190.	2.5	22
139	ASSESSMENT OF ESTROGENIC EXPOSURE IN BROWN TROUT (SALMO TRUTTA) IN A SWISS MIDLAND RIVER: INTEGRATED ANALYSIS OF PASSIVE SAMPLERS, WILD AND CAGED FISH, AND VITELLOGENIN mRNA AND PROTEIN. Environmental Toxicology and Chemistry, 2006, 25, 2077.	4.3	65
140	Differential expression of IGF-I mRNA and peptide in the male and female gonad during early development of a bony fish, the tilapia Oreochromis niloticus. General and Comparative Endocrinology, 2006, 146, 204-210.	1.8	88
141	Screening and Testing for Endocrine Disruption in Fishâ€”Biomarkers As â€œSignposts,â€•Not â€œTraffic Lights,â€•in Risk Assessment. Environmental Health Perspectives, 2006, 114, 106-114.	6.0	438
142	A Survey on the Expression of IGF-I in the Early Developing Bony Fish with Special Emphasis on the Tilapia,Oreochromis niloticus. Annals of the New York Academy of Sciences, 2005, 1040, 469-471.	3.8	5
143	MODELKEY. Models for assessing and forecasting the impact of environmental key pollutants on freshwater and marine ecosystems and biodiversity (5 pp). Environmental Science and Pollution Research, 2005, 12, 252-256.	5.3	76
144	An environmentally relevant concentration of estrogen induces arrest of male gonad development in zebrafish, Danio rerio. Environmental Toxicology and Chemistry, 2005, 24, 1088-1098.	4.3	166

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145	COMET ASSAY WITH THE FISH CELL LINE RAINBOW TROUT GONAD-2 FOR IN VITRO GENOTOXICITY TESTING OF XENOBIOTICS AND SURFACE WATERS. Environmental Toxicology and Chemistry, 2005, 24, 2078.	4.3	29
146	CHARACTERIZATION OF THE ESTROGENICITY OF SWISS MIDLAND RIVERS USING A RECOMBINANT YEAST BIOASSAY AND PLASMA VITELLOGENIN CONCENTRATIONS IN FERAL MALE BROWN TROUT. Environmental Toxicology and Chemistry, 2005, 24, 2226.	4.3	74
147	Developmental, Reproductive, and Demographic Alterations in Aquatic Wildlife: Establishing Causality between Exposure to Endocrine-active Compounds (EACs) and Effects. Clean - Soil, Air, Water, 2005, 33, 17-26.	0.6	22
148	Attenuated virulence of an Aeromonas salmonicida subsp. salmonicida type III secretion mutant in a rainbow trout model. Microbiology (United Kingdom), 2005, 151, 2111-2118.	1.8	87
149	Chapter 18 P-glycoproteins and xenobiotic efflux transport in fish. Biochemistry and Molecular Biology of Fishes, 2005, 6, 495-533.	0.5	21
150	Where Have All the Fish Gone?. Environmental Science & Technology, 2005, 39, 441A-447A.	10.0	100
151	Cytochrome P4501A induction in brown trout exposed to small streams of an urbanised area: results of a five-year-study. Environmental Pollution, 2005, 136, 231-242.	7.5	37
152	Cytotoxicity Assays with Fish Cells as an Alternative to the Acute Lethality Test with Fish. ATLA Alternatives To Laboratory Animals, 2004, 32, 375-382.	1.0	62
153	Life-stage-dependent sensitivity of zebrafish (Danio rerio) to estrogen exposure. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2004, 139, 47-55.	2.6	68
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155	Aromatase modulation alters gonadal differentiation in developing zebrafish (Danio rerio). Aquatic Toxicology, 2004, 67, 105-126.	4.0	232
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