

Vance L. Trudeau

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

268
papers

8,852
citations

47
h-index

79
g-index

284
ext. papers

9,869
ext. citations

4.4
avg, IF

6.16
L-index

#	Paper	IF	Citations
268	A tribute to Hao-Ran Lin: Endocrine control of development, growth and reproduction in fish. <i>General and Comparative Endocrinology</i> , 2022 , 315, 113931	3	
267	Anthropogenic impact on the reproductive health of two wild Patagonian fish species with differing reproductive strategies.. <i>Science of the Total Environment</i> , 2022 , 155862	10.2	0
266	Sinhcaf-dependent histone deacetylation is essential for primordial germ cell specification.. <i>EMBO Reports</i> , 2022 , e54387	6.5	
265	Brief Developmental Exposure to Fluoxetine Causes Life-Long Alteration of the Brain Transcriptome in Zebrafish.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 847322	5.7	
264	Conserved Functions of Hypothalamic Kisspeptin in Vertebrates.. <i>General and Comparative Endocrinology</i> , 2021 , 317, 113973	3	1
263	A half century of fish gonadotropin-releasing hormones: Breaking paradigms.. <i>Journal of Neuroendocrinology</i> , 2021 , e13069	3.8	2
262	Neuroendocrine Control of Reproduction in Teleost Fish: Concepts and Controversies. <i>Annual Review of Animal Biosciences</i> , 2021 ,	13.7	3
261	Applications of the SR4G Transgenic Zebrafish Line for Biomonitoring of Stress-Disrupting Compounds: A Proof-of-Concept Study. <i>Frontiers in Endocrinology</i> , 2021 , 12, 727777	5.7	1
260	Exposure to the synthetic phenolic antioxidant 4,4Rthiobis(6-t-butyl-m-cresol) disrupts early development in the frog <i>Silurana tropicalis</i> . <i>Chemosphere</i> , 2021 , 291, 132814	8.4	
259	A Review of the Effects of the Biopesticides <i>Bacillus thuringiensis</i> Serotypes <i>israelensis</i> (Bti) and <i>kurstaki</i> (Btk) in Amphibians. <i>Archives of Environmental Contamination and Toxicology</i> , 2021 , 80, 789-800	3.2	2
258	Mitochondria of teleost radial glia: A novel target of neuroendocrine disruption by environmental chemicals?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021 , 243, 108995	3.2	
257	Integrated analysis of petroleum biomarkers and polycyclic aromatic compounds in lake sediment cores from an oil sands region. <i>Environmental Pollution</i> , 2021 , 270, 116060	9.3	3
256	Amphibian reproductive technologies: approaches and welfare considerations 2021 , 9, coab011		2
255	Life history traits and reproductive ecology of North American chorus frogs of the genus <i>Pseudacris</i> (Hylidae). <i>Frontiers in Zoology</i> , 2021 , 18, 40	2.8	0
254	Disruptive effects of chlorpyrifos on predator-prey interactions of <i>Ceratophrys ornata</i> tadpoles: Consequences at the population level using computational modeling. <i>Environmental Pollution</i> , 2021 , 285, 117344	9.3	0
253	A cross-species comparative approach to assessing multi- and transgenerational effects of endocrine disrupting chemicals. <i>Environmental Research</i> , 2021 , 204, 112063	7.9	5
252	Secretoneurin is a secretogranin-2 derived hormonal peptide in vertebrate neuroendocrine systems. <i>General and Comparative Endocrinology</i> , 2020 , 299, 113588	3	4

251	Targeted mutation of secretogranin-2 disrupts sexual behavior and reproduction in zebrafish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12772-12783	11.5	17
250	Compensatory indirect effects of an herbicide on wetland communities. <i>Science of the Total Environment</i> , 2020 , 718, 137254	10.2	7
249	Profiling low molecular weight organic compounds from naphthenic acids, acid extractable organic mixtures, and oil sands process-affected water by SPME-GC-EIMS. <i>Journal of Hazardous Materials</i> , 2020 , 390, 122186	12.8	6
248	Multimodal hypothalamo-hypophysial communication in the vertebrates. <i>General and Comparative Endocrinology</i> , 2020 , 293, 113475	3	25
247	Agrochemicals disrupt multiple endocrine axes in amphibians. <i>Molecular and Cellular Endocrinology</i> , 2020 , 513, 110861	4.4	18
246	Gnrh3 Regulates PGC Proliferation and Sex Differentiation in Developing Zebrafish. <i>Endocrinology</i> , 2020 , 161,	4.8	17
245	Kisspeptin and GnRH interactions in the reproductive brain of teleosts. <i>General and Comparative Endocrinology</i> , 2020 , 298, 113568	3	21
244	Ancestral Fluoxetine Exposure Sensitizes Zebrafish to Venlafaxine-Induced Reductions in Cortisol and Spawning. <i>Endocrinology</i> , 2019 , 160, 2137-2142	4.8	11
243	Transcriptome Analysis Reveals That Naphthenic Acids Perturb Gene Networks Related to Metabolic Processes, Membrane Integrity, and Gut Function in <i>Silurana</i> (<i>Xenopus</i>) tropicalis Embryos. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	4
242	Assessment of Sublethal Effects of Neonicotinoid Insecticides on the Life-History Traits of 2 Frog Species. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 1967-1977	3.8	14
241	Developmental fluoxetine exposure in zebrafish reduces offspring basal cortisol concentration via life stage-dependent maternal transmission. <i>PLoS ONE</i> , 2019 , 14, e0212577	3.7	11
240	Fluoxetine Exposure During Sexual Development Disrupts the Stress Axis and Results in Sex- and Time- Dependent Effects on the Exploratory Behavior in Adult Zebrafish. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1015	5.1	8
239	Cortisol disruption and transgenerational alteration in the expression of stress-related genes in zebrafish larvae following fluoxetine exposure. <i>Toxicology and Applied Pharmacology</i> , 2019 , 382, 114742	4.6	13
238	Naphthenic Acid Mixtures and Acid-Extractable Organics from Oil Sands Process-Affected Water Impair Embryonic Development of <i>Silurana</i> (<i>Xenopus</i>) tropicalis. <i>Environmental Science & Technology</i> , 2019 , 53, 2095-2104	10.3	17
237	Toxicokinetics and bioaccumulation of polycyclic aromatic compounds in wood frog tadpoles (<i>Lithobates sylvaticus</i>) exposed to Athabasca oil sands sediment. <i>Aquatic Toxicology</i> , 2019 , 207, 217-225	5.1	9
236	Tadpoles of the horned frog <i>Ceratophrys ornata</i> exhibit high sensitivity to chlorpyrifos for conventional ecotoxicological and novel bioacoustic variables. <i>Environmental Pollution</i> , 2018 , 235, 938-947	9.3	8
235	Cloning, partial sequencing and expression analysis of the neural form of P450 aromatase (<i>cyp19a1b</i>) in the South America catfish <i>Rhamdia quelen</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018 , 221-222, 11-17	2.3	5
234	Mutation Disrupts Gamete Maturation and Reduces Fertility in Zebrafish. <i>Genetics</i> , 2018 , 208, 729-743	4	39

233	Secretoneurin-A inhibits aromatase B (cyp19a1b) expression in female goldfish (<i>Carassius auratus</i>) radial glial cells. <i>General and Comparative Endocrinology</i> , 2018 , 257, 106-112	3	5
232	Secretoneurin A Directly Regulates the Proteome of Goldfish Radial Glial Cells. <i>Frontiers in Endocrinology</i> , 2018 , 9, 68	5.7	1
231	Growth Hormone Overexpression Disrupts Reproductive Status Through Actions on Leptin. <i>Frontiers in Endocrinology</i> , 2018 , 9, 131	5.7	19
230	Steroid Transport, Local Synthesis, and Signaling within the Brain: Roles in Neurogenesis, Neuroprotection, and Sexual Behaviors. <i>Frontiers in Neuroscience</i> , 2018 , 12, 84	5.1	72
229	Facing the Challenges of Neuropeptide Gene Knockouts: Why Do They Not Inhibit Reproduction in Adult Teleost Fish?. <i>Frontiers in Neuroscience</i> , 2018 , 12, 302	5.1	43
228	Differential success in obtaining gametes between male and female Australian temperate frogs by hormonal induction: A review. <i>General and Comparative Endocrinology</i> , 2018 , 265, 141-148	3	17
227	Neuronal regeneration in the goldfish telencephalon following 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) insult. <i>Facets</i> , 2018 , 3, 358-374	2.3	2
226	Transgenerational hypocortisolism and behavioral disruption are induced by the antidepressant fluoxetine in male zebrafish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E12435-E12442	11.5	64
225	Secretogranin-II plays a critical role in zebrafish neurovascular modeling. <i>Journal of Molecular Cell Biology</i> , 2018 , 10, 388-401	6.3	9
224	Can estrogens be considered as key elements of the challenge hypothesis? The case of intrasexual aggression in a cichlid fish. <i>Physiology and Behavior</i> , 2018 , 194, 481-490	3.5	12
223	Reproduction in Osteichthyes 2018 , 560-566		2
222	Role of aromatase and radial glial cells in neurotoxin-induced dopamine neuron degeneration and regeneration. <i>General and Comparative Endocrinology</i> , 2017 , 241, 69-79	3	6
221	Sublethal effects on wood frogs chronically exposed to environmentally relevant concentrations of two neonicotinoid insecticides. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 1101-1109	3.8	30
220	GABAergic Neurons and Their Modulatory Effects on GnRH3 in Zebrafish. <i>Endocrinology</i> , 2017 , 158, 874-886	4.8	17
219	Effects of hormonal stimulation on the concentration and quality of excreted spermatozoa in the critically endangered Panamanian golden frog (<i>Atelopus zeteki</i>). <i>Theriogenology</i> , 2017 , 91, 27-35	2.8	24
218	Time- and dose-related effects of a gonadotropin-releasing hormone agonist and dopamine antagonist on reproduction in the Northern leopard frog (<i>Lithobates pipiens</i>). <i>General and Comparative Endocrinology</i> , 2017 , 254, 86-96	3	17
217	Bioconcentration of polycyclic musks in fathead minnows caged in a wastewater effluent plume. <i>Environmental Pollution</i> , 2017 , 231, 1593-1600	9.3	5
216	Endocrine disrupting effects of waterborne fluoxetine exposure on the reproductive axis of female goldfish, <i>Carassius auratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017 , 202, 70-78	3.2	19

215	Neuroendocrine disruption of organizational and activational hormone programming in poikilothermic vertebrates. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2017 , 20, 276-304	8.6	36
214	The nonapeptide isotocin in goldfish: Evidence for serotonergic regulation and functional roles in the control of food intake and pituitary hormone release. <i>General and Comparative Endocrinology</i> , 2017 , 254, 38-49	3	9
213	Secretoneurin A regulates neurogenic and inflammatory transcriptional networks in goldfish (<i>Carassius auratus</i>) radial glia. <i>Scientific Reports</i> , 2017 , 7, 14930	4.9	6
212	Analysis of naphthenic acid mixtures as pentafluorobenzyl derivatives by gas chromatography-electron impact mass spectrometry. <i>Talanta</i> , 2017 , 162, 440-452	6.2	13
211	A botanical extract of <i>Souroubea sympetala</i> and its active principle, betulinic acid, attenuate the cortisol response to a stressor in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture</i> , 2017 , 468, 26-31	4.4	13
210	Ranavirus infection in northern leopard frogs: the timing and number of exposures matter. <i>Journal of Zoology</i> , 2016 , 298, 30-36	2	8
209	Exploring Antipredator Mechanisms: New Findings in Ceratophryid Tadpoles. <i>Journal of Herpetology</i> , 2016 , 50, 233-238	1.1	5
208	Stimulatory effect of the secretogranin-II derived peptide secretoneurin on food intake and locomotion in female goldfish (<i>Carassius auratus</i>). <i>Peptides</i> , 2016 , 78, 42-50	3.8	10
207	Copper and nickel effects on survival and growth of northern leopard frog (<i>Lithobates pipiens</i>) tadpoles in field-collected smelting effluent water. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 687-94	3.8	10
206	Implication of microRNA deregulation in the response of vertebrates to endocrine disrupting chemicals. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 788-93	3.8	16
205	Anxiolytic activity and active principles of <i>Piper amalago</i> (Piperaceae), a medicinal plant used by the Q'eqchi' Maya to treat susto, a culture-bound illness. <i>Journal of Ethnopharmacology</i> , 2016 , 185, 147-54	5	13
204	Genotype-environment interactions for survival at low and sub-zero temperatures at varying salinity for channel catfish, hybrid catfish and transgenic channel catfish. <i>Aquaculture</i> , 2016 , 458, 140-148	4.4	16
203	Proteomic profiling reveals dopaminergic regulation of progenitor cell functions of goldfish radial glial cells in vitro. <i>Journal of Proteomics</i> , 2016 , 144, 123-32	3.9	7
202	Characterization and Developmental Expression Profile of the Steroidogenic Acute Regulatory Protein (StAR) in the Gonad-Mesonephros Complex of <i>Lithobates sylvaticus</i> . <i>Sexual Development</i> , 2016 , 10, 91-6	1.6	
201	Characterization of multiple nestin isoforms in the goldfish brain. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016 , 19, 8-17	2	1
200	Neuroendocrine control of spawning in amphibians and its practical applications. <i>General and Comparative Endocrinology</i> , 2016 , 234, 28-39	3	23
199	Dehydroabietic acid cytotoxicity in goldfish radial glial cells in vitro. <i>Aquatic Toxicology</i> , 2016 , 180, 78-83	5.1	4
198	Enediynyl peptides and iso-coumarinyl methyl sulfones as inhibitors of proprotein convertases PCSK8/SKI-1/S1P and PCSK4/PC4: Design, synthesis and biological evaluations. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2225-37	2.9	7

197	Kiss and tell: Deletion of kisspeptins and receptors reveal surprising results see article in <i>Endocrinology</i> February 2015;156: 589-599. <i>Endocrinology</i> , 2015 , 156, 769-71	4.8	10
196	The secretogranin-II derived peptide secretoneurin modulates electric behavior in the weakly pulse type electric fish, <i>Brachyhypopomus gauderio</i> . <i>General and Comparative Endocrinology</i> , 2015 , 222, 158-66	3	11
195	Development of an in vitro Ovary Culture System to Evaluate Endocrine Disruption in Wood Frog Tadpoles. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015 , 78, 1137-41	3.2	7
194	Co-storage and secretion of growth hormone and secretoneurin in retinal ganglion cells. <i>General and Comparative Endocrinology</i> , 2015 , 220, 124-32	3	7
193	Dopamine D1 receptor activation regulates the expression of the estrogen synthesis gene aromatase B in radial glial cells. <i>Frontiers in Neuroscience</i> , 2015 , 9, 310	5.1	22
192	Surface-Enhanced Raman Scattering Spectroscopy for the Detection of Glutamate and γ -Aminobutyric Acid in Serum by Partial Least Squares Analysis. <i>IEEE Photonics Journal</i> , 2015 , 7, 1-16	1.8	14
191	Sodium perchlorate disrupts development and affects metamorphosis- and growth-related gene expression in tadpoles of the wood frog (<i>Lithobates sylvaticus</i>). <i>General and Comparative Endocrinology</i> , 2015 , 222, 33-43	3	20
190	Direct Regulation of Aromatase B Expression by 17 β Estradiol and Dopamine D1 Receptor Agonist in Adult Radial Glial Cells. <i>Frontiers in Neuroscience</i> , 2015 , 9, 504	5.1	17
189	Current concepts in neuroendocrine disruption. <i>General and Comparative Endocrinology</i> , 2014 , 203, 158-173	3.7	92
188	Mechanisms of crosstalk between endocrine systems: regulation of sex steroid hormone synthesis and action by thyroid hormones. <i>General and Comparative Endocrinology</i> , 2014 , 203, 69-85	3	93
187	Canadian boreal pulp and paper feedstocks contain neuroactive substances that interact in vitro with GABA and dopaminergic systems in the brain. <i>Science of the Total Environment</i> , 2014 , 468-469, 315-325	10.2	23
186	Nanosilver cytotoxicity in rainbow trout (<i>Oncorhynchus mykiss</i>) erythrocytes and hepatocytes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014 , 159, 10-21	3.2	30
185	Silver nanoparticles stimulate glycogenolysis in rainbow trout (<i>Oncorhynchus mykiss</i>) hepatocytes. <i>Aquatic Toxicology</i> , 2014 , 147, 68-75	5.1	13
184	Predicting the environmental impact of nanosilver. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 38, 861-73	5.8	104
183	Ovulation but not milt production is inhibited in fathead minnows (<i>Pimephales promelas</i>) exposed to a reproductively inhibitory pulp mill effluent. <i>Reproductive Biology and Endocrinology</i> , 2014 , 12, 43	5	2
182	Radial glial cell: critical functions and new perspective as a steroid synthetic cell. <i>General and Comparative Endocrinology</i> , 2014 , 203, 181-5	3	33
181	Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frogs (<i>Lithobates sylvaticus</i>) tadpoles. I: chronic laboratory exposures to VisionMax ® . <i>Aquatic Toxicology</i> , 2014 , 154, 278-90	5.1	42
180	Early expression of aromatase and the membrane estrogen receptor GPER in neuromasts reveals a role for estrogens in the development of the frog lateral line system. <i>General and Comparative Endocrinology</i> , 2014 , 205, 242-50	3	10

179	Effects of glyphosate-based herbicides on survival, development, growth and sex ratios of wood frog (<i>Lithobates sylvaticus</i>) tadpoles. II: agriculturally relevant exposures to Roundup WeatherMax [®] and Vision [®] under laboratory conditions. <i>Aquatic Toxicology</i> , 2014 , 154, 291-303	5.1	52
178	Underwater sound emission as part of an antipredator mechanism in <i>Ceratophrys cranwelli</i> tadpoles. <i>Acta Zoologica</i> , 2014 , 95, 367-374	0.8	10
177	Profiling hepatic microRNAs in zebrafish: fluoxetine exposure mimics a fasting response that targets AMP-activated protein kinase (AMPK). <i>PLoS ONE</i> , 2014 , 9, e95351	3.7	27
176	Electrophysiological characterization of male goldfish (<i>Carassius auratus</i>) ventral preoptic area neurons receiving olfactory inputs. <i>Frontiers in Neuroscience</i> , 2014 , 8, 185	5.1	3
175	<i>Souroubea sympetala</i> (Marcgraviaceae): a medicinal plant that exerts anxiolysis through interaction with the GABAA benzodiazepine receptor. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014 , 92, 758-64	2.4	8
174	Saxitoxins induce cytotoxicity, genotoxicity and oxidative stress in teleost neurons in vitro. <i>Toxicol</i> , 2014 , 86, 8-15	2.8	21
173	Effects of growth hormone over-expression on reproduction in the common carp <i>Cyprinus carpio</i> L. <i>General and Comparative Endocrinology</i> , 2014 , 195, 47-57	3	23
172	Acute embryonic exposure to nanosilver or silver ion does not disrupt the stress response in zebrafish (<i>Danio rerio</i>) larvae and adults. <i>Science of the Total Environment</i> , 2014 , 478, 133-40	10.2	16
171	Amphibian declines in the twenty-first century: why we need assisted reproductive technologies. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 753, 275-316	3.6	26
170	Efficient induction of spawning of northern leopard frogs (<i>Lithobates pipiens</i>) during and outside the natural breeding season. <i>Reproductive Biology and Endocrinology</i> , 2013 , 11, 14	5	31
169	Effects of naphthenic acid exposure on development and liver metabolic processes in anuran tadpoles. <i>Environmental Pollution</i> , 2013 , 177, 22-7	9.3	30
168	A multi-assay screening approach for assessment of endocrine-active contaminants in wastewater effluent samples. <i>Science of the Total Environment</i> , 2013 , 454-455, 132-40	10.2	27
167	Dynamics of uptake and elimination of 17 β -ethinylestradiol in male goldfish (<i>Carassius auratus</i>). <i>Aquatic Toxicology</i> , 2013 , 132-133, 134-40	5.1	18
166	Rapid modulation of gene expression profiles in the telencephalon of male goldfish following exposure to waterborne sex pheromones. <i>General and Comparative Endocrinology</i> , 2013 , 192, 204-13	3	12
165	Emerging trends for biobanking amphibian genetic resources: The hope, reality and challenges for the next decade. <i>Biological Conservation</i> , 2013 , 164, 10-21	6.2	41
164	Effects of the glyphosate-based herbicide Roundup WeatherMax [®] on metamorphosis of wood frogs (<i>Lithobates sylvaticus</i>) in natural wetlands. <i>Aquatic Toxicology</i> , 2013 , 140-141, 48-57	5.1	30
163	Assessment of nanosilver toxicity during zebrafish (<i>Danio rerio</i>) development. <i>Chemosphere</i> , 2013 , 92, 59-66	8.4	105
162	Estrogen-like effects in male goldfish co-exposed to fluoxetine and 17 alpha-ethinylestradiol. <i>Environmental Science & Technology</i> , 2013 , 47, 5372-82	10.3	35

161	Regeneration of breeding tubercles on zebrafish pectoral fins requires androgens and two waves of revascularization. <i>Development (Cambridge)</i> , 2013 , 140, 4323-34	6.6	17
160	Growth, development and incidence of deformities in amphibian larvae exposed as embryos to naphthenic acid concentrations detected in the Canadian oil sands region. <i>Environmental Pollution</i> , 2012 , 167, 178-83	9.3	41
159	Extracts from hardwood trees used in commercial paper mills contain biologically active neurochemical disruptors. <i>Science of the Total Environment</i> , 2012 , 414, 205-9	10.2	6
158	The occurrence of steroidal estrogens in south-eastern Ontario wastewater treatment plants. <i>Science of the Total Environment</i> , 2012 , 430, 119-25	10.2	63
157	Is secretoneurin a new hormone?. <i>General and Comparative Endocrinology</i> , 2012 , 175, 10-8	3	37
156	Quantitative proteomics in teleost fish: insights and challenges for neuroendocrine and neurotoxicology research. <i>General and Comparative Endocrinology</i> , 2012 , 176, 314-20	3	28
155	Developmental expression of sex steroid- and thyroid hormone-related genes and their regulation by triiodothyronine in the gonad-mesonephros of a Neotropical frog, <i>Physalaemus pustulosus</i> . <i>General and Comparative Endocrinology</i> , 2012 , 177, 195-204	3	15
154	Expression profiles of metamorphosis-related genes during natural transformations in tadpoles of wild Wood Frogs (<i>Lithobates sylvaticus</i>). <i>Canadian Journal of Zoology</i> , 2012 , 90, 1059-1071	1.5	17
153	Estradiol and triiodothyronine differentially modulate reproductive and thyroidal genes in male goldfish. <i>Fish Physiology and Biochemistry</i> , 2012 , 38, 283-96	2.7	22
152	Toxicity of naphthenic acids to wood frog tadpoles (<i>Lithobates sylvaticus</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012 , 75, 170-3	3.2	13
151	Evaluating the potential of effluents and wood feedstocks from pulp and paper mills in Brazil, Canada, and New Zealand to affect fish reproduction: chemical profiling and in vitro assessments. <i>Environmental Science & Technology</i> , 2012 , 46, 1849-58	10.3	24
150	Sexing frogs by real-time PCR: using aromatase (<i>cyp19</i>) as an early ovarian differentiation marker. <i>Sexual Development</i> , 2012 , 6, 303-15	1.6	24
149	Meta-type analysis of dopaminergic effects on gene expression in the neuroendocrine brain of female goldfish. <i>Frontiers in Endocrinology</i> , 2012 , 3, 130	5.7	9
148	Pharmaceuticals and personal care products in the environment: what are the big questions?. <i>Environmental Health Perspectives</i> , 2012 , 120, 1221-9	8.4	830
147	Detection of amino acid neurotransmitters by surface enhanced Raman scattering and hollow core photonic crystal fiber 2012 ,		5
146	Functional prediction and physiological characterization of a novel short trans-membrane protein 1 as a subunit of mitochondrial respiratory complexes. <i>Physiological Genomics</i> , 2012 , 44, 1133-40	3.6	8
145	Developmental profiles and thyroid hormone regulation of brain transcripts in frogs: a species comparison with emphasis on <i>Physalaemus pustulosus</i> . <i>Brain, Behavior and Evolution</i> , 2012 , 79, 98-112	1.5	9
144	Pharmaceuticals as neuroendocrine disruptors: lessons learned from fish on Prozac. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2011 , 14, 387-412	8.6	122

143	The development of an optimized sample preparation for trace level detection of 17 β -ethinylestradiol and estrone in whole fish tissue. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 3649-52	3.2	22
142	Transcript profiles and triiodothyronine regulation of sex steroid- and thyroid hormone-related genes in the gonad-mesonephros complex of <i>Silurana tropicalis</i> . <i>Molecular and Cellular Endocrinology</i> , 2011 , 331, 143-9	4.4	31
141	Demasculinization and feminization of male gonads by atrazine: consistent effects across vertebrate classes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011 , 127, 64-73	5.1	223
140	Lumiestrone is Photochemically Derived from Estrone and may be Released to the Environment without Detection. <i>Frontiers in Endocrinology</i> , 2011 , 2, 83	5.7	25
139	Underwater acoustic communication in the macrophagic carnivorous larvae of <i>Ceratophrys ornata</i> (Anura: Ceratophryidae). <i>Acta Zoologica</i> , 2011 , 92, 46-53	0.8	20
138	Dopamine D1 receptor blockage potentiates AMPA-stimulated luteinising hormone release in the goldfish. <i>Journal of Neuroendocrinology</i> , 2011 , 23, 302-9	3.8	15
137	Environmental factors affecting ultraviolet photodegradation rates and estrogenicity of estrone and ethinylestradiol in natural waters. <i>Archives of Environmental Contamination and Toxicology</i> , 2011 , 60, 1-7	3.2	37
136	β blockers as endocrine disruptors: the potential effects of human β blockers on aquatic organisms. <i>Journal of Experimental Zoology</i> , 2011 , 315, 251-65		57
135	Forebrain mapping of secretoneurin-like immunoreactivity and its colocalization with isotocin in the preoptic nucleus and pituitary gland of goldfish. <i>Journal of Comparative Neurology</i> , 2011 , 519, 3748-354	3.4	30
134	Neuroendocrine disruption: the emerging concept. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2011 , 14, 267-9	8.6	3
133	Fate and developmental effects of dietary uptake of methylmercury in <i>Silurana tropicalis</i> tadpoles. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011 , 74, 364-79	3.2	10
132	Expression profiles of reproduction- and thyroid hormone-related transcripts in the brains of chemically-induced intersex frogs. <i>Sexual Development</i> , 2011 , 5, 26-32	1.6	20
131	Analysis of sexually dimorphic expression of genes at early gonadogenesis of pejerrey <i>Odontesthes bonariensis</i> using a heterologous microarray. <i>Sexual Development</i> , 2011 , 5, 89-101	1.6	22
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