John P Sumpter

List of Publications by Year
in descending order

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49 papers	9,547 citations	136950 32 h-index	206112 48 g-index
49 all docs	49 docs citations	49 times ranked	6378 citing authors

#	Article	IF	Citations
1	Widespread Sexual Disruption in Wild Fish. Environmental Science & Technology, 1998, 32, 2498-2506.	10.0	1,723
2	Estrogenic activity of surfactants and some of their degradation products assessed using a recombinant yeast screen. Environmental Toxicology and Chemistry, 1996, 15, 241-248.	4.3	1,301
3	Inhibition of testicular growth in rainbow trout (Oncorhynchus mykiss) exposed to estrogenic alkylphenolic chemicals. Environmental Toxicology and Chemistry, 1996, 15, 194-202.	4.3	1,104
4	Egg quality in fish: what makes a good egg?. Reviews in Fish Biology and Fisheries, 1997, 7, 387-416.	4.9	638
5	Effects of the synthetic estrogen 17Î±â€ethinylestradiol on the lifeâ€cycle of the fathead minnow (Pimephales promelas). Environmental Toxicology and Chemistry, 2001, 20, 1216-1227.	4.3	577
6	Relative Potencies and Combination Effects of Steroidal Estrogens in Fish. Environmental Science & Technology, 2003, 37, 1142-1149.	10.0	427
7	Lessons from Endocrine Disruption and Their Application to Other Issues Concerning Trace Organics in the Aquatic Environment. Environmental Science & Technology, 2005, 39, 4321-4332.	10.0	362
8	A survey of estrogenic activity in United Kingdom inland waters. Environmental Toxicology and Chemistry, 1996, 15, 1993-2002.	4.3	350
9	Validation of Radioimmunoassays for Two Salmon Gonadotropins (GTH I and GTH II) and Their Plasma Concentrations Throughout the Reproductive Cycle in Male and Female Rainbow Trout (Oncorhynchus Mykiss)1. Biology of Reproduction, 1996, 54, 1375-1382.	2.7	291
10	Derivation of an Aquatic Predicted No-Effect Concentration for the Synthetic Hormone, 17Î±-Ethinyl Estradiol. Environmental Science & Technology, 2008, 42, 7046-7054.	10.0	221
11	The Read-Across Hypothesis and Environmental Risk Assessment of Pharmaceuticals. Environmental Science & Technology, 2013, 47, 11384-11395.	10.0	187
12	Evidence of Estrogenic Mixture Effects on the Reproductive Performance of Fish. Environmental Science & Technology, 2007, 41, 337-344.	10.0	170
13	Several Synthetic Progestins with Different Potencies Adversely Affect Reproduction of Fish. Environmental Science & Technology, 2013, 47, 2077-2084.	10.0	152
14	Learning from the past and considering the future of chemicals in the environment. Science, 2020, 367, 384-387.	12.6	146
15	Estrogenic potency of effluent from two sewage treatment works in the United Kingdom. Environmental Toxicology and Chemistry, 1999, 18, 932-937.	4.3	142
16	Exposure of female juvenile rainbow trout to alkylphenolic compounds results in modifications to growth and ovosomatic index. Environmental Toxicology and Chemistry, 1998, 17, 679-686.	4.3	135
17	Do Concentrations of Ethinylestradiol, Estradiol, and Diclofenac in European Rivers Exceed Proposed EU Environmental Quality Standards?. Environmental Science & Technology, 2013, 47, 12297-12304.	10.0	135
18	The consequences of exposure to mixtures of chemicals: Something from â€˜nothingâ€™ and â€˜a lot from a littleâ€™ when fish are exposed to steroid hormones. Science of the Total Environment, 2018, 619-620, 1482-1492.	8.0	135

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19	Principles of Sound Ecotoxicology. Environmental Science & Technology, 2014, 48, 3100-3111.	10.0	133
20	Reproductive responses in fathead minnow and Japanese medaka following exposure to a synthetic progestin, Norethindrone. Aquatic Toxicology, 2010, 99, 256-262.	4.0	129
21	Quantitative Cross-Species Extrapolation between Humans and Fish: The Case of the Anti-Depressant Fluoxetine. PLoS ONE, 2014, 9, e110467.	2.5	116
22	An alternative approach to risk rank chemicals on the threat they pose to the aquatic environment. Science of the Total Environment, 2017, 599-600, 1372-1381.	8.0	100
23	The occurrence, causes, and consequences of estrogens in the aquatic environment. Environmental Toxicology and Chemistry, 2013, 32, 249-251.	4.3	87
24	Exposure assessment of 17Î±â€ethinylestradiol in surface waters of the United States and Europe. Environmental Toxicology and Chemistry, 2009, 28, 2725-2732.	4.3	86
25	Molecular Characterization and Expression of two Ovarian Lipoprotein Receptors in the Rainbow Trout, Oncorhynchus mykiss 1. Biology of Reproduction, 1998, 58, 1146-1153.	2.7	79
26	ESTROGENIC ACTIVITY OF SURFACTANTS AND SOME OF THEIR DEGRADATION PRODUCTS ASSESSED USING A RECOMBINANT YEAST SCREEN. Environmental Toxicology and Chemistry, 1996, 15, 241.	4.3	70
27	From single chemicals to mixturesâ€”Reproductive effects of levonorgestrel and ethinylestradiol on the fathead minnow. Aquatic Toxicology, 2015, 169, 152-167.	4.0	69
28	The development of a radioimmunoassay for carp, Cyprinus carpio, vitellogenin. Fish Physiology and Biochemistry, 1990, 8, 129-140.	2.3	65
29	Selectivity of protein sequestration by vitellogenic oocytes of the rainbow trout,Salmo gairdneri. The Journal of Experimental Zoology, 1988, 248, 199-206.	1.4	57
30	The purification and partial characterization of carp, Cyprinus carpio, vitellogenin. Fish Physiology and Biochemistry, 1990, 8, 111-120.	2.3	48
31	A restatement of the natural science evidence base on the effects of endocrine disrupting chemicals on wildlife. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182416.	2.6	37
32	Are we going about chemical risk assessment for the aquatic environment the wrong way?. Environmental Toxicology and Chemistry, 2016, 35, 1609-1616.	4.3	35
33	What Makes a Concentration Environmentally Relevant? Critique and a Proposal. Environmental Science & Technology, 2017, 51, 11520-11521.	10.0	29
34	Scientific integrity issues in Environmental Toxicology and Chemistry: Improving research reproducibility, credibility, and transparency. Integrated Environmental Assessment and Management, 2019, 15, 320-344.	2.9	29
35	Estrogenicity of alkylphenolic compounds: A 3â€Ð structureâ€”activity evaluation of gene activation. Environmental Toxicology and Chemistry, 2000, 19, 1727-1740.	4.3	27
36	Improving environmental risk assessments of chemicals: Steps towards evidence-based ecotoxicology. Environment International, 2019, 128, 210-217.	10.0	24

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37	Testing the â€œread-across hypothesisâ€•by investigating the effects of ibuprofen on fish. Chemosphere, 2016, 163, 592-600.	8.2	23
38	Environmental Occurrence and Predicted Pharmacological Risk to Freshwater Fish of over 200 Neuroactive Pharmaceuticals in Widespread Use. Toxics, 2022, 10, 233.	3.7	19
39	A SURVEY OF ESTROGENIC ACTIVITY IN UNITED KINGDOM INLAND WATERS. Environmental Toxicology and Chemistry, 1996, 15, 1993.	4.3	18
40	A comprehensive aquatic risk assessment of the beta-blocker propranolol, based on the results of over 600 research papers. Science of the Total Environment, 2021, 793, 148617.	8.0	17
41	Induction of Rainbow Trout Estradiol Receptor mRNA and Vitellogenin mRNA by Phytoestrogens in Hepatocyte Culturesa. Annals of the New York Academy of Sciences, 1998, 839, 600-601.	3.8	8
42	The Weightâ€ofâ€Evidence Approach and the Need for Greater International Acceptance of Its Use in Tackling Questions of Chemical Harm to the Environment. Environmental Toxicology and Chemistry, 2021, 40, 2968-2977.	4.3	8
43	ESTROGENIC POTENCY OF EFFLUENT FROM TWO SEWAGE TREATMENT WORKS IN THE UNITED KINGDOM. Environmental Toxicology and Chemistry, 1999, 18, 932.	4.3	8
44	Pharmaceuticals in the Aquatic Environment: No Answers Yet to the Major Questions. Environmental Toxicology and Chemistry, 2024, 43, 589-594.	4.3	8
45	Comments on Niemuth, N.J. and Klaper, R.D. 2015. Emerging wastewater contaminant metformin causes intersex and reduced fecundity in fish. Chemosphere 135, 38â€“45. Chemosphere, 2016, 165, 566-569.	8.2	6
46	EXPOSURE OF FEMALE JUVENILE RAINBOW TROUT TO ALKYLPHENOLIC COMPOUNDS RESULTS IN MODIFICATIONS TO GROWTH AND OVOSOMATIC INDEX. Environmental Toxicology and Chemistry, 1998, 17, 679.	4.3	6
47	Renewing and improving the environmental risk assessment of chemicals. Science of the Total Environment, 2022, 845, 157256.	8.0	6
48	What makes a good scientist? Karl Fent as an example. Journal of Hazardous Materials, 2019, 376, 233-238.	12.4	4
49	The Future of the Weightâ€ofâ€Evidence Approach: A Response to Suter's Comments. Environmental Toxicology and Chemistry, 2021, 40, 2947-2949.	4.3	0