Douglas J Fort

List of Publications by Year
in descending order

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61 papers	1,529 citations	257450 24 h-index	330143 37 g-index
61 all docs	61 docs citations	61 times ranked	870 citing authors

#	Article	IF	Citations
1	Further Validation of Fetax: Evaluation of the Developmental Toxicity of Five Known Mammalian Teratogens and Non-Teratogens. Drug and Chemical Toxicology, 1990, 13, 267-282.	2.3	86
2	The Hypothalamic-Pituitary-Thyroid (HPT) Axis in Frogs and Its Role in Frog Development and Reproduction. Critical Reviews in Toxicology, 2007, 37, 117-161.	3.9	81
3	Development of a metabolic activation system for the frog embryo teratogenesis assay:Xenopus (FETAX). Teratogenesis, Carcinogenesis, and Mutagenesis, 1988, 8, 251-263.	0.8	67
4	Evaluation of the developmental toxicity of nicotine and cotinine with frog embryo teratogenesis assay:Xenopus. Teratogenesis, Carcinogenesis, and Mutagenesis, 1988, 8, 329-338.	0.8	61
5	Evaluation of the developmental toxicity of five compounds with the frog embryo teratogenesis assay:Xenopus (FETAX) and a metabolic activation system. Journal of Applied Toxicology, 1989, 9, 377-388.	2.8	61
6	Developmental Toxicity Testing with Fetax:Evaluation of Five Compounds. Drug and Chemical Toxicology, 1989, 12, 67-75.	2.3	59
7	Phase III interlaboratory study of FETAX part 3. FETAX validation using 12 compounds with and without an exogenous metabolic activation system. Journal of Applied Toxicology, 1999, 19, 447-472.	2.8	55
8	Phase III Interlaboratory Study of Fetax, Part 2: Interlaboratory Validation of an Exogenous Metabolic Activation System for Frog Embryo TeratogenesisAssay-Xenopus(Fetax). Drug and Chemical Toxicology, 1998, 21, 1-14.	2.3	46
9	Triclosan and Anuran Metamorphosis: No Effect on Thyroid-Mediated Metamorphosis in Xenopus laevis. Toxicological Sciences, 2010, 113, 392-400.	3.1	46
10	Effect of Methoxychlor on Various Life Stages of Xenopus laevis. Toxicological Sciences, 2004, 81, 454-466.	3.1	45
11	preliminary validation of a short-term morphological assay to evaluate adverse effects on amphibian metamorphosis and thyroid function usingxenopus laevis. Journal of Applied Toxicology, 2000, 20, 419-425.	2.8	43
12	Initial interlaboratory validation study of FETAX: Phase I testing. Journal of Applied Toxicology, 1994, 14, 213-223.	2.8	42
13	Evaluation of the Developmental and Reproductive Toxicity of Methoxychlor using an Anuran (Xenopus tropicalis) Chronic Exposure Model. Toxicological Sciences, 2004, 81, 443-453.	3.1	42
14	Comparative sensitivity ofXenopus tropicalis andXenopus laevis as test species for the FETAX model. Journal of Applied Toxicology, 2004, 24, 443-457.	2.8	42
15	Triclosan and Thyroid-Mediated Metamorphosis in Anurans: Differentiating Growth Effects from Thyroid-Driven Metamorphosis in Xenopus laevis. Toxicological Sciences, 2011, 121, 292-302.	3.1	40
16	FETAX Interlaboratory Validation Study: Phase III-Part 1 Testing. , 1996, 16, 517-528.		39
17	FETAX INTERLABORATORY VALIDATION STUDY: PHASE II TESTING. Environmental Toxicology and Chemistry, 1994, 13, 1629.	4.3	39
18	Evaluation of Acetaminophen-Induced Developmental Toxicity Using Fetax. Drug and Chemical Toxicology, 1992, 15, 329-350.	2.3	37

#	Article	IF	Citations
19	Assessing the predictive validity of frog embryo teratogenesis assay?Xenopus (FETAX). Teratogenesis, Carcinogenesis, and Mutagenesis, 2000, 20, 87-98.	0.8	37
20	Fetax interlaboratory validation study: Phase II testing. Environmental Toxicology and Chemistry, 1994, 13, 1629-1637.	4.3	36
21	Assessing the Efficacy of an Aroclor 1254â€“Induced Exogenous Metabolic Activation System for Fetax. Drug and Chemical Toxicology, 1991, 14, 143-160.	2.3	33
22	Evaluation of a reproductive toxicity assay usingXenopus laevis: boric acid, cadmium and ethylene glycol monomethyl ether. Journal of Applied Toxicology, 2001, 21, 41-52.	2.8	33
23	Evaluation of the developmental toxicity of trichloroethylene and detoxification metabolites usingXenopus. Teratogenesis, Carcinogenesis, and Mutagenesis, 1993, 13, 35-45.	0.8	32
24	Effects of pond water, sediment and sediment extract samples from new hampshire, usa on earlyXenopus development and metamorphosis: comparison to native species. Journal of Applied Toxicology, 2001, 21, 199-209.	2.8	29
25	Analysis of the mechanism of isoniazid-induced developmental toxicity with frog embryo teratogenesis assay: Xenopus (FETAX). Teratogenesis, Carcinogenesis, and Mutagenesis, 1990, 10, 463-476.	0.8	25
26	Evaluation of the developmental toxicity of thalidomide using frog embryo teratogenesis assay?Xenopus (FETAX): biotransformation and detoxification. Teratogenesis, Carcinogenesis, and Mutagenesis, 2000, 20, 35-47.	0.8	25
27	Assessment of the Developmental Toxicity of Ascorbic Acid, Sodium Selenate, Coumarin, Serotonin, and 13â€“CIS Retlnolc Acid Using Fetax. Drug and Chemical Toxicology, 1991, 14, 127-141.	2.3	24
28	Evaluation of the Developmental Toxicity of Theophylline, Dimethyluric Acid, and Methylxanthine Metabolites UsingXenopus. Drug and Chemical Toxicology, 1996, 19, 267-278.	2.3	23
29	EFFECT OF ENDOCRINE DISRUPTING CHEMICALS ON GERMINAL VESICLE BREAKDOWN INXENOPUSIN VITRO*. Drug and Chemical Toxicology, 2002, 25, 293-308.	2.3	23
30	Chronic Boron or Copper Deficiency Induces Limb Teratogenesis in Xenopus. Biological Trace Element Research, 2000, 77, 173-188.	3.5	22
31	Evaluation ofXenopus tropicalisas an Alternative Test Organism for Frog Embryo Teratogenesis Assayâ€”Xenopus(FETAX). Drug and Chemical Toxicology, 2003, 26, 177-189.	2.3	22
32	Deformities in cane toad (Bufo marinus) populations in Bermuda: Part I. Frequencies and distribution of abnormalities. Applied Herpetology, 2006, 3, 39-65.	0.5	20
33	Comparative Developmental Toxicity of Nickel to Gastrophryne carolinensis, Bufo terrestris, and Xenopus laevis. Archives of Environmental Contamination and Toxicology, 2006, 51, 703-710.	4.1	19
34	Evaluation of the Developmental Toxicity of Benzo[Î±]Pyrene and 2-Acetylaminofluorene UsingXenopus: Modes of Biotransformation. Drug and Chemical Toxicology, 1997, 20, 45-61.	2.3	18
35	Toxicity of sulfate and chloride to early life stages of wild rice (Zizania palustris). Environmental Toxicology and Chemistry, 2014, 33, 2802-2809.	4.3	17
36	Effects of Multiple Chemical, Physical, and Biological Stressors on the Incidence and Types of Abnormalities Observed in Bermuda's Cane Toads (Rhinella marina). Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2013, 320, 218-237.	1.3	15

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37	Deformities in cane toad (Bufo marinus) populations in Bermuda: Part II. Progress towards characterization of chemical stressors. Applied Herpetology, 2006, 3, 143-172.	0.5	13
38	Evaluation of the developmental toxicity of 4-Bromobenzene using frog embryo teratogenesis assay?Xenopus: Possible mechanisms of action. Teratogenesis, Carcinogenesis, and Mutagenesis, 1996, 16, 307-315.	0.8	12
39	Triclosan Does Not Affect Thyroid-Mediated Metamorphosis in Xenopus laevis--Additional Data. Toxicological Sciences, 2011, 119, 419-422.	3.1	12
40	Adverse Developmental and Reproductive Effects of Copper Deficiency in Xenopus laevis. Biological Trace Element Research, 2000, 77, 159-172.	3.5	11
41	Boric Acid Is Reproductively Toxic to AdultXenopus laevis, but Not Endocrine Active. Toxicological Sciences, 2016, 154, 16-26.	3.1	11
42	Effect of triclosan on anuran development and growth in a larval amphibian growth and development assay. Journal of Applied Toxicology, 2017, 37, 1182-1194.	2.8	10
43	Frog Embryo Teratogenesis Assayâ€"Xenopus (FETAX): Use in Alternative Preclinical Safety Assessment. Cold Spring Harbor Protocols, 2018, 2018, pdb.prot098319.	0.3	9
44	Deformities in cane toad (Bufo marinus) populations in Bermuda: Part III. Microcosm-based exposure pathway assessment. Applied Herpetology, 2006, 3, 257-277.	0.5	8
45	Toxicity of sulfide to early life stages of wild rice (Zizania palustris). Environmental Toxicology and Chemistry, 2017, 36, 2217-2226.	4.3	7
46	Evaluation of the developmental toxicity of perfluorooctanesulfonate in the Anuran, <scp>Silurana tropicalis</scp>. Journal of Applied Toxicology, 2019, 39, 365-374.	2.8	7
47	An examination of historical control histopathology metadata from 51 Amphibian Metamorphosis Assays. Critical Reviews in Toxicology, 2021, 51, 729-739.	3.9	7
48	Application of endocrine disruptor screening program fish shortâ€term reproduction assay: Reproduction and endocrine function in fathead minnow (Pimephales promelas) and killifish (Fundulus heteroclitus) exposed to Bermuda pond sediment. Environmental Toxicology and Chemistry, 2015, 34, 1283-1295.	4.3	6
49	Inhibition of germinal vesicle breakdown in Xenopus oocytes in vitro by a series of substituted glycol ethers. Journal of Applied Toxicology, 2018, 38, 628-637.	2.8	5
50	Is normalized hindlimb length measurement in assessment of thyroid disruption in the amphibian metamorphosis assay relevant?. Journal of Applied Toxicology, 2019, 39, 1164-1172.	2.8	5
51	Evaluation of an acute oral gavage method for assessment of pesticide toxicity in terrestrial amphibians. Environmental Toxicology and Chemistry, 2018, 37, 436-450.	4.3	4
52	Comment on â€œEffects of Triclocarban, Triclosan, and Methyl Triclosan on Thyroid Hormone Action and Stress in Frog and Mammalian Culture Systemsâ€• Environmental Science & Technology, 2011, 45, 10283-10284.	10.0	3
53	Triclosan Enhances Larval Amphibian Growth, but Does Not Alter Thyroid-Driven Metamorphosis in Xenopuslaevis. Toxicological Sciences, 2011, 123, 603-605.	3.1	3
54	Ecotoxicological assessment of diamondback terrapin (Malaclemys terrapin) pond habitat, prey and eggs in Bermuda. Marine Pollution Bulletin, 2016, 102, 36-43.	5.0	3

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55	Effect of perfluorooctanesulfonate exposure on steroid hormone levels and steroidogenic enzyme activities in juvenile Silurana tropicalis. Journal of Applied Toxicology, 2019, 39, 1066-1078.	2.8	3
56	Comment on â€œEffects of Triclocarban, Triclosan, And Methyl Triclosan on Thyroid Hormone Action and Stress in Frog and Mammalian Culture Systemsâ€• Environmental Science & Technology, 2011, 45, 7602-7602.	10.0	2
57	Splenic immunotoxicity in developing cane toads (Rhinella marina) from Bermuda. Environmental Toxicology and Chemistry, 2016, 35, 2604-2612.	4.3	2
58	Impact of Hydroponic Oxygen Control in Sulfide Toxicity to Early Life Stages of Wild Rice (Zizania) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.3	1
59	Enhanced frog embryo teratogenesis assay. , 2005, , .		1
60	Water Conservationâ€”Whole Effluent Toxicity Paradox. Water Environment Research, 2013, 85, 483-494.	2.7	0
61	Polybrominated Diphenylether (DE-71) Exposure Skews Phenotypic Sex Ratio, and Alters Steroid Hormone Levels and Steroidogenic Enzyme Activities in Juvenile Silurana tropicalis. Toxicological Sciences, 2019, 172, 63-74.	3.1	0