Norihisa Tatarazako

List of Publications by Year
in descending order

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71 papers	1,964 citations	257450 24 h-index	265206 42 g-index
72 all docs	72 docs citations	72 times ranked	2245 citing authors

#	Article	IF	Citations
1	Juvenile hormone agonists affect the occurrence of male Daphnia. Chemosphere, 2003, 53, 827-833.	8.2	167
2	The water flea Daphnia magna (Crustacea, Cladocera) as a test species for screening and evaluation of chemicals with endocrine disrupting effects on crustaceans. Ecotoxicology, 2007, 16, 197-203.	2.4	112
3	Acute toxicity of 50 metals to Daphnia magna. Journal of Applied Toxicology, 2015, 35, 824-830.	2.8	103
4	A mutation in the receptor Methoprene-tolerant alters juvenile hormone response in insects and crustaceans. Nature Communications, 2013, 4, 1856.	12.8	100
5	Methyl farnesoate synthesis is necessary for the environmental sex determination in the water flea Daphnia pulex. Journal of Insect Physiology, 2015, 80, 22-30.	2.0	96
6	Comparative responsiveness to natural and synthetic estrogens of fish species commonly used in the laboratory and field monitoring. Aquatic Toxicology, 2012, 109, 250-258.	4.0	88
7	Cloning and characterization of the ecdysone receptor and ultraspiracle protein from the water flea Daphnia magna. Journal of Endocrinology, 2007, 193, 183-194.	2.6	87
8	Differing Species Responsiveness of Estrogenic Contaminants in Fish Is Conferred by the Ligand Binding Domain of the Estrogen Receptor. Environmental Science & Technology, 2014, 48, 5254-5263.	10.0	77
9	Chronic toxicity of an environmentally relevant mixture of pharmaceuticals to three aquatic organisms (alga, daphnid, and fish). Environmental Toxicology and Chemistry, 2016, 35, 996-1006.	4.3	76
10	Contribution of pharmaceuticals and personal care products (PPCPs) to whole toxicity of water samples collected in effluent-dominated urban streams. Ecotoxicology and Environmental Safety, 2017, 144, 338-350.	6.0	75
11	Understanding the Molecular Basis for Differences in Responses of Fish Estrogen Receptor Subtypes to Environmental Estrogens. Environmental Science & Technology, 2015, 49, 7439-7447.	10.0	53
12	Genetic differences in the production of male neonates in Daphnia magna exposed to juvenile hormone analogs. Chemosphere, 2006, 63, 1477-1484.	8.2	48
13	Functional distinctions associated with the diversity of sex steroid hormone receptors ESR and AR. Journal of Steroid Biochemistry and Molecular Biology, 2018, 184, 38-46.	2.5	48
14	Assessment of the lethal and sublethal effects of 20 environmental chemicals in zebrafish embryos and larvae by using OECD TG 212. Journal of Applied Toxicology, 2017, 37, 1245-1253.	2.8	41
15	Chronic toxicity of parabens and their chlorinated byâ€products in Ceriodaphnia dubia. Environmental Toxicology, 2015, 30, 664-673.	4.0	38
16	Strain difference in sensitivity to 3,4-dichloroaniline and insect growth regulator, fenoxycarb, in Daphnia magna. Ecotoxicology and Environmental Safety, 2007, 67, 399-405.	6.0	36
17	Medaka extended oneâ€generation reproduction test evaluating 4â€nonylphenol. Environmental Toxicology and Chemistry, 2017, 36, 3254-3266.	4.3	35
18	Bmp7 and Lef1 Are the Downstream Effectors of Androgen Signaling in Androgen-Induced Sex Characteristics Development in Medaka. Endocrinology, 2014, 155, 449-462.	2.8	34

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19	Verification of responses of Japanese medaka (Oryzias latipes) to antiâ€androgens, vinclozolin and flutamide, in shortâ€term assays. Journal of Applied Toxicology, 2014, 34, 545-553.	2.8	33
20	Diofenolan induces male offspring production through binding to the juvenile hormone receptor in Daphnia magna. Aquatic Toxicology, 2015, 159, 44-51.	4.0	32
21	Establishment of estrogen receptor 1 (ESR1)â€knockout medaka: <scp>ESR</scp>1 is dispensable for sexual development and reproduction in medaka, Oryzias latipes. Development Growth and Differentiation, 2017, 59, 552-561.	1.5	32
22	Cell reproductive patterns in the green alga Pseudokirchneriella subcapitata (=Selenastrum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T and 3,5-DCP. PLoS ONE, 2017, 12, e0171259.	2.5	32
23	Validation of a two-generational reproduction test in Daphnia magna: An interlaboratory exercise. Science of the Total Environment, 2017, 579, 1073-1083.	8.0	29
24	Effects of triphenyltin on reproduction in Japanese medaka (Oryzias latipes) across two generations. Aquatic Toxicology, 2017, 192, 16-23.	4.0	25
25	Effects of triclosan on Japanese medaka (<scp>Oryzias latipes</scp>) during embryo development, early life stage and reproduction. Journal of Applied Toxicology, 2018, 38, 544-551.	2.8	25
26	Summary of the development the US Environmental Protection Agency's Medaka Extended One Generation Reproduction Test (MEOGRT) using data from 9 multigenerational medaka tests. Environmental Toxicology and Chemistry, 2017, 36, 3387-3403.	4.3	24
27	Reduction in toxicity of coking wastewater to aquatic organisms by vertical tubular biological reactor. Ecotoxicology and Environmental Safety, 2015, 115, 217-222.	6.0	23
28	Lethal and sublethal effects of aniline and chlorinated anilines on zebrafish embryos and larvae. Journal of Applied Toxicology, 2017, 37, 836-841.	2.8	23
29	Comparative Developmental Staging of Female and Male Water Fleas Daphnia pulex and Daphnia magna During Embryogenesis. Zoological Science, 2016, 33, 31.	0.7	21
30	Bisphenol A induces a shift in sex differentiation gene expression with testisâ€ova or sex reversal in Japanese medaka (<scp>Oryzias latipes</scp>). Journal of Applied Toxicology, 2020, 40, 804-814.	2.8	20
31	Establishment of transactivation assay systems using fish, amphibian, reptilian and human thyroid hormone receptors. Journal of Applied Toxicology, 2013, 33, 991-1000.	2.8	18
32	Evolution of estrogen receptors in ray-finned fish and their comparative responses to estrogenic substances. Journal of Steroid Biochemistry and Molecular Biology, 2016, 158, 189-197.	2.5	18
33	Ecotoxicological Test Assay Using OECD TG 212 in Marine Java Medaka (Oryzias javanicus) and Freshwater Japanese Medaka (Oryzias latipes). Bulletin of Environmental Contamination and Toxicology, 2018, 101, 344-348.	2.7	16
34	Effects of tributyltin on early life-stage, reproduction, and gonadal sex differentiation in Japanese medaka (Oryzias latipes). Chemosphere, 2018, 203, 418-425.	8.2	15
35	Development of anin vivoanti-androgenic activity detection assay using fenitrothion in Japanese medaka (Oryzias latipes). Journal of Applied Toxicology, 2017, 37, 339-346.	2.8	14
36	Comparison of the effects of constant and pulsed exposure with equivalent time-weighted average concentrations of the juvenile hormone analog pyriproxyfen on the reproduction of Daphnia magna. Chemosphere, 2018, 195, 810-816.	8.2	14

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37	Summary of 17 chemicals evaluated by OECD TG229 using Japanese Medaka,Oryzias latipesin EXTEND 2016. Journal of Applied Toxicology, 2022, 42, 750-777.	2.8	14
38	Towards modelling of the environmental fate of pharmaceuticals using the QSPR-MM scheme. Environmental Modelling and Software, 2015, 72, 147-154.	4.5	13
39	Synergism between macrolide antibiotics and the azole fungicide ketoconazole in growth inhibition testing of the green alga Pseudokirchneriella subcapitata. Chemosphere, 2017, 174, 1-7.	8.2	13
40	Summary of reference chemicals evaluated by the fish shortâ€term reproduction assay, OECD TG229, using Japanese Medaka, <scp>Oryzias latipes</scp>. Journal of Applied Toxicology, 2021, 41, 1200-1221.	2.8	13
41	Exposure to 4â€nonylphenol induces a shift in the gene expression of gsdf and testisâ€ova formation and sex reversal in Japanese medaka (<scp>Oryzias latipes</scp>). Journal of Applied Toxicology, 2021, 41, 399-409.	2.8	12
42	Validation of an Enzyme-Linked Immunosorbent Assay Method for Vitellogenin in the Medaka. Journal of Health Science, 2004, 50, 301-308.	0.9	11
43	Rapid ecotoxicological bioassay using delayed fluorescence in the marine cyanobacterium Cyanobium sp. (NIES-981). Ecotoxicology, 2016, 25, 1751-1758.	2.4	11
44	Estimation of population-level effect of the endocrine disruptor pyriproxyfen in Daphnia magna by using changes in sex ratio and reproductive output. Ecotoxicology and Environmental Safety, 2018, 156, 463-475.	6.0	11
45	The nonâ€steroidal antiâ€inflammatory drug diclofenac sodium induces abnormal embryogenesis and delayed lethal effects in early life stage zebrafish (<scp>Danio rerio</scp>). Journal of Applied Toxicology, 2019, 39, 622-629.	2.8	11
46	Comparative ovarian microarray analysis of juvenile hormone-responsive genes in water fleaDaphnia magna: potential targets for toxicity. Journal of Applied Toxicology, 2017, 37, 374-381.	2.8	10
47	Protein kinase C is involved with upstream signaling of methyl farnesoate for photoperiod-dependent sex determination in the water flea Daphnia pulex. Biology Open, 2017, 6, 161-164.	1.2	9
48	Validation of rapid algal bioassay using delayed fluorescence in an interlaboratory ring study. Science of the Total Environment, 2017, 605-606, 842-851.	8.0	9
49	Evaluation of the toxicity of leaches from hydrothermal sulfide deposits by means of a delayed fluorescence-based bioassay with the marine cyanobacterium Cyanobium sp. NIES-981. Ecotoxicology, 2018, 27, 1303-1309.	2.4	9
50	Toxicity assessment of typical polycyclic aromatic hydrocarbons to Daphnia magna and Hyalella azteca in water-only and sedimentâ€“water exposure systems. Science of the Total Environment, 2021, 784, 147156.	8.0	9
51	Bioconcentration of perfluorinated compounds in wild medaka is related to octanol/water partition coefficient. Fundamental Toxicological Sciences, 2015, 2, 201-208.	0.6	7
52	Complete Genome Sequence of Cyanobium sp. NIES-981, a Marine Strain Potentially Useful for Ecotoxicological Bioassays. Genome Announcements, 2016, 4, .	0.8	7
53	Ecological risk assessment of herbicides in Japan: Integrating spatiotemporal variation in exposure and effects using a multimedia model and algal density dynamics models. Environmental Toxicology and Chemistry, 2016, 35, 233-240.	4.3	7
54	Production of genome-edited Daphnia for heavy metal detection by fluorescence. Scientific Reports, 2020, 10, 21490.	3.3	7

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55	Molecular Insights into Structural and Ligand Binding Features of Methoprene-Tolerant in Daphnids. Chemical Research in Toxicology, 2020, 33, 2785-2792.	3.3	7
56	Juvenile hormone synthesis and signaling disruption triggering male offspring induction and population decline in cladocerans (water flea): Review and adverse outcome pathway development. Aquatic Toxicology, 2022, 243, 106058.	4.0	7
57	Gonadal Somaâ€Derived Factor Expression is a Potential Biomarker for Predicting the Effects of Endocrineâ€Disrupting Chemicals on Gonadal Differentiation in Japanese Medaka (Oryzias Latipes). Environmental Toxicology and Chemistry, 2022, 41, 1875-1884.	4.3	7
58	Life History Characteristics of the Surf Clam Mactra veneriformis (Bivalvia: Veneroida:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.6	6
59	Photoperiodism of Male Offspring Production in the Water Flea Daphnia pulex. Zoological Science, 2017, 34, 312.	0.7	6
60	Chronic toxicity of 50 metals to Ceriodaphnia dubia. Journal of Applied Toxicology, 2021, 41, 375-386.	2.8	5
61	Current Trends and Future Perspectives on Evaluation and Control of Toxic Chemicals in Effluents using Bioassay . Journal of Environmental Chemistry, 2015, 25, 3-10.	0.2	4
62	Influence of triphenyltin on morphologic abnormalities and the thyroid hormone system in early-stage zebrafish (Danio rerio). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 242, 108948.	2.6	4
63	Subacute Toxicity of Wood Preservatives, DDAC and BAAC, in Several Aquatic Organisms.. Journal of Health Science, 2002, 48, 359-365.	0.9	2
64	Whole Effluent Toxicity (WET) Test in Industrial Effluent Management: Toxicity Reduction Evaluations in Chemical Industry . Journal of Environmental Chemistry, 2015, 25, 27-33.	0.2	2
65	Validation of a Draft Protocol of Bioassays for Effluent Testing and a Toxicity Survey of Industrial Effluent . Journal of Environmental Chemistry, 2015, 25, 43-53.	0.2	1
66	A Comparison of Sensitivity on Chronic Effects of Daphnia magna and Ceriodaphnia dubia to Several Kinds of Organic Chemicals . Journal of Environmental Chemistry, 2015, 25, 55-60.	0.2	1
67	Effects of in vivo Combined Exposure of Japanese Medaka (Oryzias latipes) to a Proestrogen, trans-Stilbene, and a CYP1A Inducer, .BETA.-naphthoflavone. Journal of Environmental Chemistry, 2009, 19, 371-380.	0.2	1
68	Case Study of the Estimate of the Toxic Factor in Effluent and those Improvement using WET at the Metal Manufacturing Plant . Journal of Environmental Chemistry, 2015, 25, 35-42.	0.2	0
69	Case Study of Toxicity Identification Evaluation (TIE) Applied to the Selected Factory Effluents in Tokushima, Japan . Journal of Environmental Chemistry, 2015, 25, 11-17.	0.2	0
70	Relationship between Occurrences of Perfluoroalkyl Acids in Medaka, Environmental Water, and Sediment in Its Habitat and Bioconcentration. Journal of Japan Society on Water Environment, 2018, 41, 61-71.	0.4	0
71	Laterally biased diffusion of males of the water flea Daphnia magna. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2022, 337, 626-638.	1.9	0