

# 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

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times ranked

2245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Summary of 17 chemicals evaluated by OECD TG229 using Japanese Medaka, <i>Oryzias latipes</i> in EXTEND 2016. <i>Journal of Applied Toxicology</i> , 2022, 42, 750-777.	2.8	14
2	Juvenile hormone synthesis and signaling disruption triggering male offspring induction and population decline in cladocerans (water flea): Review and adverse outcome pathway development. <i>Aquatic Toxicology</i> , 2022, 243, 106058.	4.0	7
3	Laterally biased diffusion of males of the water flea <i>Daphnia magna</i> . <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2022, 337, 626-638.	1.9	0
4	<i>Gonadal Soma-Derived Factor</i> Expression is a Potential Biomarker for Predicting the Effects of Endocrine-Disrupting Chemicals on Gonadal Differentiation in Japanese Medaka ( <i>Oryzias Latipes</i> ). <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1875-1884.	4.3	7
5	Chronic toxicity of 50 metals to <i>Ceriodaphnia dubia</i> . <i>Journal of Applied Toxicology</i> , 2021, 41, 375-386.	2.8	5
6	Influence of triphenyltin on morphologic abnormalities and the thyroid hormone system in early-stage zebrafish ( <i>Danio rerio</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 242, 108948.	2.6	4
7	Exposure to 4-nonylphenol induces a shift in the gene expression of <i>gsdf</i> and <i>testis</i> ova formation and sex reversal in Japanese medaka ( <i>Oryzias latipes</i> ). <i>Journal of Applied Toxicology</i> , 2021, 41, 399-409.	2.8	12
8	Toxicity assessment of typical polycyclic aromatic hydrocarbons to <i>Daphnia magna</i> and <i>Hyalella azteca</i> in water-only and sediment-water exposure systems. <i>Science of the Total Environment</i> , 2021, 784, 147156.	8.0	9
9	Summary of reference chemicals evaluated by the fish short-term reproduction assay, OECD TG229, using Japanese Medaka, <i>Oryzias latipes</i> . <i>Journal of Applied Toxicology</i> , 2021, 41, 1200-1221.	2.8	13
10	Production of genome-edited <i>Daphnia</i> for heavy metal detection by fluorescence. <i>Scientific Reports</i> , 2020, 10, 21490.	3.3	7
11	Molecular Insights into Structural and Ligand Binding Features of Methoprene-Tolerant in Daphnids. <i>Chemical Research in Toxicology</i> , 2020, 33, 2785-2792.	3.3	7
12	Bisphenol A induces a shift in sex differentiation gene expression with <i>testis</i> ova or sex reversal in Japanese medaka ( <i>Oryzias latipes</i> ). <i>Journal of Applied Toxicology</i> , 2020, 40, 804-814.	2.8	20
13	The non-steroidal anti-inflammatory drug diclofenac sodium induces abnormal embryogenesis and delayed lethal effects in early life stage zebrafish ( <i>Danio rerio</i> ). <i>Journal of Applied Toxicology</i> , 2019, 39, 622-629.	2.8	11
14	Estimation of population-level effect of the endocrine disruptor pyriproxyfen in <i>Daphnia magna</i> by using changes in sex ratio and reproductive output. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 463-475.	6.0	11
15	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 <i>Daphnia magna</i> . <i>Chemosphere</i> , 2018, 195, 810-816.	8.2	14
16	Effects of tributyltin on early life-stage, reproduction, and gonadal sex differentiation in Japanese medaka ( <i>Oryzias latipes</i> ). <i>Chemosphere</i> , 2018, 203, 418-425.	8.2	15
17	Effects of triclosan on Japanese medaka ( <i>Oryzias latipes</i> ) during embryo development, early life stage and reproduction. <i>Journal of Applied Toxicology</i> , 2018, 38, 544-551.	2.8	25
18	Evaluation of the toxicity of leaches from hydrothermal sulfide deposits by means of a delayed fluorescence-based bioassay with the marine cyanobacterium <i>Cyanobium</i> sp. NIES-981. <i>Ecotoxicology</i> , 2018, 27, 1303-1309.	2.4	9

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19	Ecotoxicological Test Assay Using OECD TG 212 in Marine Java Medaka ( <i>Oryzias javanicus</i> ) and Freshwater Japanese Medaka ( <i>Oryzias latipes</i> ). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 344-348.	2.7	16
20	Functional distinctions associated with the diversity of sex steroid hormone receptors ESR and AR. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 184, 38-46.	2.5	48
21	Relationship between Occurrences of Perfluoroalkyl Acids in Medaka, Environmental Water, and Sediment in Its Habitat and Bioconcentration. <i>Journal of Japan Society on Water Environment</i> , 2018, 41, 61-71.	0.4	0
22	Protein kinase C is involved with upstream signaling of methyl farnesoate for photoperiod-dependent sex determination in the water flea <i>Daphnia pulex</i> . <i>Biology Open</i> , 2017, 6, 161-164.	1.2	9
23	Lethal and sublethal effects of aniline and chlorinated anilines on zebrafish embryos and larvae. <i>Journal of Applied Toxicology</i> , 2017, 37, 836-841.	2.8	23
24	Synergism between macrolide antibiotics and the azole fungicide ketoconazole in growth inhibition testing of the green alga <i>Pseudokirchneriella subcapitata</i> . <i>Chemosphere</i> , 2017, 174, 1-7.	8.2	13
25	Validation of a two-generational reproduction test in <i>Daphnia magna</i> : An interlaboratory exercise. <i>Science of the Total Environment</i> , 2017, 579, 1073-1083.	8.0	29
26	Medaka extended one-generation reproduction test evaluating 4-nonylphenol. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3254-3266.	4.3	35
27	Assessment of the lethal and sublethal effects of 20 environmental chemicals in zebrafish embryos and larvae by using OECD TG 212. <i>Journal of Applied Toxicology</i> , 2017, 37, 1245-1253.	2.8	41
28	Summary of the development the US Environmental Protection Agency's Medaka Extended One Generation Reproduction Test (MEOGRT) using data from 9 multigenerational medaka tests. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3387-3403.	4.3	24
29	Effects of triphenyltin on reproduction in Japanese medaka ( <i>Oryzias latipes</i> ) across two generations. <i>Aquatic Toxicology</i> , 2017, 192, 16-23.	4.0	25
30	Establishment of estrogen receptor 1 (ESR1) knockout medaka: <i>ESR1</i> is dispensable for sexual development and reproduction in medaka, <i>Oryzias latipes</i> . <i>Development Growth and Differentiation</i> , 2017, 59, 552-561.	1.5	32
31	Photoperiodism of Male Offspring Production in the Water Flea <i>Daphnia pulex</i> . <i>Zoological Science</i> , 2017, 34, 312.	0.7	6
32	Contribution of pharmaceuticals and personal care products (PPCPs) to whole toxicity of water samples collected in effluent-dominated urban streams. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 338-350.	6.0	75
33	Validation of rapid algal bioassay using delayed fluorescence in an interlaboratory ring study. <i>Science of the Total Environment</i> , 2017, 605-606, 842-851.	8.0	9
34	Development of an in vivo anti-androgenic activity detection assay using fenitrothion in Japanese medaka ( <i>Oryzias latipes</i> ). <i>Journal of Applied Toxicology</i> , 2017, 37, 339-346.	2.8	14
35	Comparative ovarian microarray analysis of juvenile hormone-responsive genes in water flea <i>Daphnia magna</i> : potential targets for toxicity. <i>Journal of Applied Toxicology</i> , 2017, 37, 374-381.	2.8	10
36	Cell reproductive patterns in the green alga <i>Pseudokirchneriella subcapitata</i> (= <i>Selenastrum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td and 3,5-DCP. <i>PLoS ONE</i> , 2017, 12, e0171259.	2.5	32

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37	Chronic toxicity of an environmentally relevant mixture of pharmaceuticals to three aquatic organisms (alga, daphnid, and fish). <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 996-1006.	4.3	76
38	Complete Genome Sequence of <i>Cyanobium</i> sp. NIES-981, a Marine Strain Potentially Useful for Ecotoxicological Bioassays. <i>Genome Announcements</i> , 2016, 4, .	0.8	7
39	Ecological risk assessment of herbicides in Japan: Integrating spatiotemporal variation in exposure and effects using a multimedia model and algal density dynamics models. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 233-240.	4.3	7
40	Rapid ecotoxicological bioassay using delayed fluorescence in the marine cyanobacterium <i>Cyanobium</i> sp. (NIES-981). <i>Ecotoxicology</i> , 2016, 25, 1751-1758.	2.4	11
41	Evolution of estrogen receptors in ray-finned fish and their comparative responses to estrogenic substances. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 158, 189-197.	2.5	18
42	Comparative Developmental Staging of Female and Male Water Fleas <i>Daphnia pulex</i> and <i>Daphnia magna</i> During Embryogenesis. <i>Zoological Science</i> , 2016, 33, 31.	0.7	21
43	Bioconcentration of perfluorinated compounds in wild medaka is related to octanol/water partition coefficient. <i>Fundamental Toxicological Sciences</i> , 2015, 2, 201-208.	0.6	7
44	Validation of a Draft Protocol of Bioassays for Effluent Testing and a Toxicity Survey of Industrial Effluent. <i>Journal of Environmental Chemistry</i> , 2015, 25, 43-53.	0.2	1
45	Case Study of the Estimate of the Toxic Factor in Effluent and those Improvement using WET at the Metal Manufacturing Plant. <i>Journal of Environmental Chemistry</i> , 2015, 25, 35-42.	0.2	0
46	Whole Effluent Toxicity (WET) Test in Industrial Effluent Management: Toxicity Reduction Evaluations in Chemical Industry. <i>Journal of Environmental Chemistry</i> , 2015, 25, 27-33.	0.2	2
47	Current Trends and Future Perspectives on Evaluation and Control of Toxic Chemicals in Effluents using Bioassay. <i>Journal of Environmental Chemistry</i> , 2015, 25, 3-10.	0.2	4
48	A Comparison of Sensitivity on Chronic Effects of <i>Daphnia magna</i> and <i>Ceriodaphnia dubia</i> to Several Kinds of Organic Chemicals. <i>Journal of Environmental Chemistry</i> , 2015, 25, 55-60.	0.2	1
49	Case Study of Toxicity Identification Evaluation (TIE) Applied to the Selected Factory Effluents in Tokushima, Japan. <i>Journal of Environmental Chemistry</i> , 2015, 25, 11-17.	0.2	0
50	Reduction in toxicity of coking wastewater to aquatic organisms by vertical tubular biological reactor. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 217-222.	6.0	23
51	Methyl farnesoate synthesis is necessary for the environmental sex determination in the water flea <i>Daphnia pulex</i> . <i>Journal of Insect Physiology</i> , 2015, 80, 22-30.	2.0	96
52	Understanding the Molecular Basis for Differences in Responses of Fish Estrogen Receptor Subtypes to Environmental Estrogens. <i>Environmental Science &amp; Technology</i> , 2015, 49, 7439-7447.	10.0	53
53	Towards modelling of the environmental fate of pharmaceuticals using the QSPR-MM scheme. <i>Environmental Modelling and Software</i> , 2015, 72, 147-154.	4.5	13
54	Diofenolan induces male offspring production through binding to the juvenile hormone receptor in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2015, 159, 44-51.	4.0	32

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55	Chronic toxicity of parabens and their chlorinated by-products in <i>Ceriodaphnia dubia</i> . <i>Environmental Toxicology</i> , 2015, 30, 664-673.	4.0	38
56	Acute toxicity of 50 metals to <i>Daphnia magna</i> . <i>Journal of Applied Toxicology</i> , 2015, 35, 824-830.	2.8	103
57	Bmp7 and Lef1 Are the Downstream Effectors of Androgen Signaling in Androgen-Induced Sex Characteristics Development in Medaka. <i>Endocrinology</i> , 2014, 155, 449-462.	2.8	34
58	Verification of responses of Japanese medaka ( <i>Oryzias latipes</i> ) to antiandrogens, vinclozolin and flutamide, in short-term assays. <i>Journal of Applied Toxicology</i> , 2014, 34, 545-553.	2.8	33
59	Differing Species Responsiveness of Estrogenic Contaminants in Fish Is Conferred by the Ligand Binding Domain of the Estrogen Receptor. <i>Environmental Science &amp; Technology</i> , 2014, 48, 5254-5263.	10.0	77
60	Establishment of transactivation assay systems using fish, amphibian, reptilian and human thyroid hormone receptors. <i>Journal of Applied Toxicology</i> , 2013, 33, 991-1000.	2.8	18
61	A mutation in the receptor Methoprene-tolerant alters juvenile hormone response in insects and crustaceans. <i>Nature Communications</i> , 2013, 4, 1856.	12.8	100
62	Life History Characteristics of the Surf Clam <i>Macra veneriformis</i> (Bivalvia: Veneroida:). <i>Journal of Shellfish Research</i> , 2013, 32, 462-469.	0.6	6
63	Comparative responsiveness to natural and synthetic estrogens of fish species commonly used in the laboratory and field monitoring. <i>Aquatic Toxicology</i> , 2012, 109, 250-258.	4.0	88
64	Effects of in vivo Combined Exposure of Japanese Medaka ( <i>Oryzias latipes</i> ) to a Proestrogen, trans-Stilbene, and a CYP1A Inducer, .BETA.-naphthoflavone. <i>Journal of Environmental Chemistry</i> , 2009, 19, 371-380.	0.2	1
65	Cloning and characterization of the ecdysone receptor and ultraspiracle protein from the water flea <i>Daphnia magna</i> . <i>Journal of Endocrinology</i> , 2007, 193, 183-194.	2.6	87
66	Strain difference in sensitivity to 3,4-dichloroaniline and insect growth regulator, fenoxycarb, in <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2007, 67, 399-405.	6.0	36
67	The water flea <i>Daphnia magna</i> (Crustacea, Cladocera) as a test species for screening and evaluation of chemicals with endocrine disrupting effects on crustaceans. <i>Ecotoxicology</i> , 2007, 16, 197-203.	2.4	112
68	Genetic differences in the production of male neonates in <i>Daphnia magna</i> exposed to juvenile hormone analogs. <i>Chemosphere</i> , 2006, 63, 1477-1484.	8.2	48
69	Validation of an Enzyme-Linked Immunosorbent Assay Method for Vitellogenin in the Medaka. <i>Journal of Health Science</i> , 2004, 50, 301-308.	0.9	11
70	Juvenile hormone agonists affect the occurrence of male <i>Daphnia</i> . <i>Chemosphere</i> , 2003, 53, 827-833.	8.2	167
71	Subacute Toxicity of Wood Preservatives, DDAC and BAAC, in Several Aquatic Organisms.. <i>Journal of Health Science</i> , 2002, 48, 359-365.	0.9	2