

# Louis A Tremblay

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

93  
papers

2,118  
citations

25  
h-index

43  
g-index

99  
ext. papers

2,527  
ext. citations

5.2  
avg, IF

4.82  
L-index

#	Paper	IF	Citations
93	Characterization of the effects of triclosan on sperm and embryos of Mytilus and Perna mussel species.. <i>Aquatic Toxicology</i> , <b>2022</b> , 245, 106107	5.1	2
92	Medicating the environment? A critical review on the risks of carbamazepine, diclofenac and ibuprofen to aquatic organisms. <i>Environmental Advances</i> , <b>2022</b> , 7, 100164	3.5	2
91	The relationship of feed intake, growth, nutrient retention, and oxygen consumption to feed conversion ratio of farmed saltwater Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ). <i>Aquaculture</i> , <b>2022</b> , 554, 738184	4.4	0
90	Disentangling the influence of microplastics and their chemical additives on a model detritivore system. <i>Environmental Pollution</i> , <b>2022</b> , 307, 119558	9.3	0
89	First transcriptome of the copepod <i>Gladioferens pectinatus</i> subjected to chronic contaminant exposures.. <i>Aquatic Toxicology</i> , <b>2021</b> , 243, 106069	5.1	0
88	Trace Metal Residues in Marine Mussels: A Global Survey. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 3434-3440	3.8	0
87	Plastic additives: challenges in ecotox hazard assessment. <i>PeerJ</i> , <b>2021</b> , 9, e11300	3.1	14
86	Characterisation of the expression of select genes in response to key marine pollutants in the triplefin <i>Forsterygion capito</i> . <i>New Zealand Journal of Marine and Freshwater Research</i> , <b>2021</b> , 55, 486-496 <sup>1.3</sup>	1.3	1
85	Induction of metallothionein in the common bully ( <i>Gobiomorphus cotidianus</i> ) from the Motueka River. <i>New Zealand Journal of Marine and Freshwater Research</i> , <b>2021</b> , 55, 497-503	1.3	1
84	Biosecurity implications of drifting marine plastic debris: Current knowledge and future research. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 162, 111835	6.7	14
83	The role of emerging organic contaminants in the development of antimicrobial resistance. <i>Emerging Contaminants</i> , <b>2021</b> , 7, 160-171	5.8	3
82	Effects of pristine microplastics and nanoplastics on soil invertebrates: A systematic review and meta-analysis of available data. <i>Science of the Total Environment</i> , <b>2021</b> , 788, 147784	10.2	9
81	Towards more ecologically relevant investigations of the impacts of microplastic pollution in freshwater ecosystems. <i>Science of the Total Environment</i> , <b>2021</b> , 792, 148507	10.2	8
80	Per- and polyfluoroalkyl substances (PFAS), trace elements and life history parameters of mass-stranded common dolphins ( <i>Delphinus delphis</i> ) in New Zealand. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 173, 112896	6.7	5
79	Assessment of the efficacy of an advanced tertiary sewage treatment plant to remove biologically active chemicals using endocrine and genotoxicity bioassays. <i>Emerging Contaminants</i> , <b>2021</b> , 7, 124-131	5.8	1
78	Assessment of the Impacts of Anthropogenic Activities on a Large River Using Longfin Eel as a Bioindicator. <i>Sustainability</i> , <b>2020</b> , 12, 8412	3.6	1
77	Assessing the Efficacy of a Sediment Remediation Program Using Benthic and Pelagic Copepod Bioassays. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> , 39, 492-499	3.8	

76	Development and Deployment of a Framework to Prioritize Environmental Contamination Issues. <i>Sustainability</i> , <b>2020</b> , 12, 9393	3.6	
75	Development of acute and chronic toxicity bioassays using the pelagic copepod <i>Gladioferens pectinatus</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 174, 611-617	7	3
74	Assessment of chemical and physical treatments to selectively kill non-indigenous freshwater zooplankton species. <i>New Zealand Journal of Marine and Freshwater Research</i> , <b>2019</b> , 53, 97-112	1.3	
73	Household preferences when purchasing handwashing liquid soap: A choice experiment application. <i>Journal of Cleaner Production</i> , <b>2019</b> , 235, 1515-1524	10.3	5
72	Epigenetic patterns associated with an ascidian invasion: a comparison of closely related clades in their native and introduced ranges. <i>Scientific Reports</i> , <b>2019</b> , 9, 14275	4.9	10
71	Towards Sustainable Environmental Quality: Priority Research Questions for the Australasian Region of Oceania. <i>Integrated Environmental Assessment and Management</i> , <b>2019</b> , 15, 917-935	2.5	11
70	Quinquelaophonte <i>Aurantius</i> sp. nov., a new harpacticoid species (Copepoda: Harpacticoida: Laophontidae: Quinquelaophonte) from New Zealand. <i>New Zealand Journal of Zoology</i> , <b>2019</b> , 46, 301-320	0.8	1
69	Assessment of endocrine disruption and oxidative potential of bisphenol-A, triclosan, nonylphenol, diethylhexyl phthalate, galaxolide, and carbamazepine, common contaminants of municipal biosolids. <i>Toxicology in Vitro</i> , <b>2018</b> , 48, 342-349	3.6	29
68	Histopathology, vitellogenin and chemical body burden in mosquitofish ( <i>Gambusia holbrooki</i> ) sampled from six river sites receiving a gradient of stressors. <i>Science of the Total Environment</i> , <b>2018</b> , 616-617, 1638-1648	10.2	13
67	Understanding the role of DNA methylation in successful biological invasions: a review. <i>Biological Invasions</i> , <b>2018</b> , 20, 2285-2300	2.7	29
66	Incorporating molecular-based functional and co-occurrence network properties into benthic marine impact assessments. <i>FEMS Microbiology Ecology</i> , <b>2018</b> , 94,	4.3	14
65	Effects of temperature and salinity stress on DNA methylation in a highly invasive marine invertebrate, the colonial ascidian. <i>PeerJ</i> , <b>2018</b> , 6, e5003	3.1	15
64	A cross-taxa study using environmental DNA/RNA metabarcoding to measure biological impacts of offshore oil and gas drilling and production operations. <i>Marine Pollution Bulletin</i> , <b>2018</b> , 127, 97-107	6.7	49
63	Steroid estrogens and estrogenic activity are ubiquitous in dairy farm watersheds regardless of effluent management practices. <i>Agriculture, Ecosystems and Environment</i> , <b>2018</b> , 253, 48-54	5.7	13
62	Effects of chronic exposure to benzophenone and diclofenac on DNA methylation levels and reproductive success in a marine copepod. <i>Journal of Xenobiotics</i> , <b>2018</b> , 8, 7674	1	7
61	Antifouling activity of portimine, select semisynthetic analogues, and other microalga-derived spirocyclic imines. <i>Biofouling</i> , <b>2018</b> , 34, 950-961	3.3	7
60	Assessment of the ecotoxicity of urban estuarine sediment using benthic and pelagic copepod bioassays. <i>PeerJ</i> , <b>2018</b> , 6, e4936	3.1	3
59	Assessment of cytotoxicity, genotoxicity and 7-ethoxyresorufin-O-deethylase (EROD) induction in sediment extracts from New Zealand urban estuaries. <i>Ecotoxicology</i> , <b>2017</b> , 26, 211-226	2.9	8

58	Assessing the potential for trace organic contaminants commonly found in Australian rivers to induce vitellogenin in the native rainbowfish ( <i>Melanotaenia fluviatilis</i> ) and the introduced mosquitofish ( <i>Gambusia holbrooki</i> ). <i>Aquatic Toxicology</i> , <b>2017</b> , 185, 105-120	5.1	7
57	Assessment of urban stream sediment pollutants entering estuaries using chemical analysis and multiple bioassays to characterise biological activities. <i>Science of the Total Environment</i> , <b>2017</b> , 593-594, 498-507	10.2	32
56	Integration of community structure data reveals observable effects below sediment guideline thresholds in a large estuary. <i>Environmental Sciences: Processes and Impacts</i> , <b>2017</b> , 19, 1134-1141	4.3	3
55	Acute toxicity of arsenic to larvae of four New Zealand freshwater insect taxa. <i>New Zealand Journal of Marine and Freshwater Research</i> , <b>2017</b> , 51, 443-454	1.3	1
54	Assessment of heat shock and laboratory virus challenges to selectively breed for ostreid herpesvirus 1 (OsHV-1) resistance in the Pacific oyster, <i>Crassostrea gigas</i> . <i>Aquaculture</i> , <b>2017</b> , 469, 50-58	4.4	24
53	Metabarcoding monitoring analysis: the pros and cons of using co-extracted environmental DNA and RNA data to assess offshore oil production impacts on benthic communities. <i>PeerJ</i> , <b>2017</b> , 5, e3347	3.1	50
52	First evaluation of foraminiferal metabarcoding for monitoring environmental impact from an offshore oil drilling site. <i>Marine Environmental Research</i> , <b>2016</b> , 120, 225-35	3.3	49
51	Green chemistry, green pharmacy, and life-cycle assessments <b>2016</b> , 229-242		
50	Disposal of unused medications <b>2016</b> , 59-76		
49	Regulatory practices to control the discharge of pharmaceuticals into the environment <b>2016</b> , 203-228		
48	Prescribing practices <b>2016</b> , 15-58		
47	Detection and presence of pharmaceuticals in the environment <b>2016</b> , 77-107		3
46	Degradation of pharmaceuticals in wastewater <b>2016</b> , 153-202		1
45	Impact of pharmaceuticals on the environment <b>2016</b> , 109-152		6
44	The impact of variations of influent loading on the efficacy of an advanced tertiary sewage treatment plant to remove endocrine disrupting chemicals. <i>Science of the Total Environment</i> , <b>2016</b> , 560-561, 101-9	10.2	8
43	Toxicity assessment of New Zealand and Pacific dinoflagellates <i>Ostreopsis</i> and <i>Gambierdiscus</i> (Dinophyceae) extracts using bioassays. <i>New Zealand Journal of Marine and Freshwater Research</i> , <b>2016</b> , 50, 444-456	1.3	13
42	Ecological impacts of long-term application of biosolids to a radiata pine plantation. <i>Science of the Total Environment</i> , <b>2015</b> , 530-531, 233-240	10.2	17
41	Development of acute and chronic sediment bioassays with the harpacticoid copepod <i>Quinquelaophonte</i> sp. <i>Ecotoxicology and Environmental Safety</i> , <b>2014</b> , 99, 82-91	7	11

40	A national survey of trace organic contaminants in Australian rivers. <i>Journal of Environmental Quality</i> , <b>2014</b> , 43, 1702-12	3.4	49
39	An assessment of endocrine activity in Australian rivers using chemical and in vitro analyses. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 12951-67	5.1	55
38	Molecular genetic tools for environmental monitoring of New Zealand's aquatic habitats, past, present and the future. <i>New Zealand Journal of Marine and Freshwater Research</i> , <b>2013</b> , 47, 90-119	1.3	64
37	Effects of environmental gradients on the distribution of harpacticoid copepods in an intertidal flat, Portobello Bay, Otago Harbour, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , <b>2012</b> , 46, 385-397	1.3	5
36	Development of a harpacticoid copepod bioassay: selection of species and relative sensitivity to zinc, atrazine and phenanthrene. <i>Ecotoxicology and Environmental Safety</i> , <b>2012</b> , 80, 363-71	7	27
35	UV-induced photodegradation of oseltamivir (Tamiflu) in water. <i>Environmental Chemistry</i> , <b>2011</b> , 8, 182	3.2	8
34	Passive secondary biological treatment systems reduce estrogens in dairy shed effluent. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 7601-6	10.3	15
33	Comparison of five in vitro bioassays to measure estrogenic activity in environmental waters. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 3853-60	10.3	160
32	Benthic macroinvertebrate assemblages in remediated wetlands around Sydney, Australia. <i>Ecotoxicology</i> , <b>2010</b> , 19, 1589-600	2.9	9
31	Steroid estrogens, conjugated estrogens and estrogenic activity in farm dairy shed effluents. <i>Environmental Pollution</i> , <b>2010</b> , 158, 730-6	9.3	84
30	Bioactivity of POPs and their effects in mosquitofish in Sydney Olympic Park, Australia. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 3721-30	10.2	14
29	Identification and characterization of freshwater algae from a pollution gradient using rbcL sequencing and toxicity testing. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2009</b> , 57, 504-14 <sup>2</sup>	3.2	11
28	Contamination and screening level toxicity of sediments from remediated and unremediated wetlands near Sydney, Australia. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 2052-60	3.8	7
27	Distribution of inorganic and organic contaminants in sediments from Sydney Olympic Park and the surrounding Sydney metropolitan area. <i>Journal of Environmental Monitoring</i> , <b>2009</b> , 11, 1687-96		10
26	Kia pono te mahi putaiao—Doing science in the right spirit. <i>Journal of the Royal Society of New Zealand</i> , <b>2009</b> , 39, 239-242	2	16
25	Stir bar sorptive extraction and trace analysis of selected endocrine disruptors in water, biosolids and sludge samples by thermal desorption with gas chromatography-mass spectrometry. <i>Water Research</i> , <b>2008</b> , 42, 404-12	12.5	80
24	Toxicity of estuarine sediments using a full life-cycle bioassay with the marine copepod <i>Robertsonia propinqua</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2008</b> , 70, 469-74	7	22
23	Zinc sulfate and atrazine toxicity to the marine harpacticoid copepod <i>Robertsonia propinqua</i> . <i>New Zealand Journal of Marine and Freshwater Research</i> , <b>2008</b> , 42, 93-98	1.3	7

22	Monitoring the effects of pulp and paper effluent is restricted in genetically distinct populations of common bully ( <i>Gobiomorphus cotidianus</i> ). <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 2602-8	10.3	15
21	Benthic meiofauna community composition at polluted and non-polluted sites in New Zealand intertidal environments. <i>Marine Pollution Bulletin</i> , <b>2007</b> , 54, 1801-12	6.7	19
20	Comprehensive study of endocrine disrupting compounds using grab and passive sampling at selected wastewater treatment plants in South East Queensland, Australia. <i>Environment International</i> , <b>2007</b> , 33, 654-69	12.9	149
19	Modelling of the fate of selected endocrine disruptors in a municipal wastewater treatment plant in South East Queensland, Australia. <i>Chemosphere</i> , <b>2007</b> , 69, 644-54	8.4	80
18	Anal fin morphology and gonadal histopathology in mosquitofish ( <i>Gambusia holbrooki</i> ) exposed to treated municipal sewage effluent. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2006</b> , 50, 562-74	3.2	26
17	A survey of endocrine disrupting chemicals (EDCs) in municipal sewage and animal waste effluents in the Waikato region of New Zealand. <i>Science of the Total Environment</i> , <b>2006</b> , 355, 135-44	10.2	102
16	Responses of shortfin eel ( <i>Anguilla australis</i> ) exposed in situ to pulp and paper effluent. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2006</b> , 69, 1763-79	3.2	16
15	Development of methods for extraction and in vitro quantification of estrogenic and androgenic activity of wastewater samples. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2006</b> , 143, 117-26	3.2	18
14	Bioassay-derived androgenic and estrogenic activity in municipal sewage in Australia and New Zealand. <i>Ecotoxicology and Environmental Safety</i> , <b>2006</b> , 65, 403-11	7	76
13	Cumulative impacts assessment along a large river, using brown bullhead catfish ( <i>Ameiurus nebulosus</i> ) populations. <i>Environmental Toxicology and Chemistry</i> , <b>2006</b> , 25, 1868-80	3.8	16
12	Quantification of vitellogenin mRNA induction in mosquitofish ( <i>Gambusia affinis</i> ) by reverse transcription real-time polymerase chain reaction (RT-PCR). <i>Biomarkers</i> , <b>2005</b> , 10, 429-38	2.6	11
11	Efficacy of an advanced sewage treatment plant in southeast Queensland, Australia, to remove estrogenic chemicals. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 5781-6	10.3	50
10	Short-term lab exposures of immature rainbow trout ( <i>Oncorhynchus mykiss</i> ) to sulfite and kraft pulp-mill effluents: effects on oxidative stress and circulating sex steroids. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 1451-61	3.8	15
9	Exposure of reproductively maturing rainbow trout to a New Zealand pulp and paper mill effluent. <i>Ecotoxicology and Environmental Safety</i> , <b>2002</b> , 51, 65-75	7	31
8	The use of biomarkers in ecological risk assessment: recommendations from the Christchurch conference on Biomarkers in Ecotoxicology. <i>Biomarkers</i> , <b>2001</b> , 6, 1-6	2.6	80
7	Comparison between the effects of the phytosterol $\beta$ -sitosterol and pulp and paper mill effluents on sexually immature rainbow trout. <i>Environmental Toxicology and Chemistry</i> , <b>1999</b> , 18, 329-336	3.8	100
6	Comparison between the effects of the phytosterol $\beta$ -sitosterol and pulp and paper mill effluents on sexually immature rainbow trout <b>1999</b> , 18, 329		9
5	Identification of the lampricide 3-trifluoromethyl-4-nitrophenol as an agonist for the rainbow trout estrogen receptor. <i>Environmental Toxicology and Chemistry</i> , <b>1998</b> , 17, 425-432	3.8	31

4	Use of a series of homologous in vitro and in vivo assays to evaluate the endocrine modulating actions of Ebitosterol in rainbow trout. <i>Aquatic Toxicology</i> , <b>1998</b> , 43, 149-162	5.1	82
3	Identification of the lampricide 3-trifluoromethyl-4-nitrophenol as an agonist for the rainbow trout estrogen receptor <b>1998</b> , 17, 425		1
2	The effects of a secondary-treated bleached kraft mill effluent on aquatic organisms as assessed by short-term and long-term laboratory tests. <i>Ecotoxicology and Environmental Safety</i> , <b>1995</b> , 31, 7-22	7	41
1	Effects of point source discharges on common bully ( <i>Gobiomorphus cotidianus</i> ) along the Waikato River, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1-17	1.3	