

Michael C Newman

List of Publications by Year in Descending Order

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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.

68

papers

2,137

citations

25

h-index

44

g-index

69

ext. papers

2,302

ext. citations

4.4

avg, IF

4.68

L-index

#	Paper	IF	Citations
68	Human Reasoning: Within Scientific Traditions and Rules 2018 , 69-93		
67	Individual Scientist 2018 , 117-149		1
66	Social Processing of Evidence: Commonplace Dynamics and Foibles 2018 , 153-184		
65	Bayesian Networks Improve Causal Environmental Assessments for Evidence-Based Policy. <i>Environmental Science & Technology</i> , 2016 , 50, 13195-13205	10.3	23
64	Mercury exposure as a function of fish consumption in two Asian communities in coastal Virginia, USA. <i>Archives of Environmental Contamination and Toxicology</i> , 2015 , 68, 462-75	3.2	12
63	Addendum to the article: Misuse of null hypothesis significance testing: Would estimation of positive and negative predictive values improve certainty of chemical risk assessment?. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 3955-7	5.1	
62	Effects of two sorbents applied to mercury-contaminated river sediments on bioaccumulation in and detrital processing by <i>Hyalella azteca</i> . <i>Journal of Soils and Sediments</i> , 2015 , 15, 1265-1274	3.4	12
61	An ecologically framed mercury survey of finfish of the lower Chesapeake Bay. <i>Archives of Environmental Contamination and Toxicology</i> , 2013 , 65, 510-20	3.2	8
60	Misuse of null hypothesis significance testing: would estimation of positive and negative predictive values improve certainty of chemical risk assessment?. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 7341-7	5.1	5
59	Higher and more variable methylmercury biomagnification factors for floodplain than the contiguous river (South River, Virginia USA). <i>Ecotoxicology and Environmental Safety</i> , 2013 , 92, 191-8	7	5
58	Projected Hg dietary exposure of 3 bird species nesting on a contaminated floodplain (South River, Virginia, USA). <i>Integrated Environmental Assessment and Management</i> , 2013 , 9, 285-93	2.5	3
57	Expanding perceptions of subsistence fish consumption: evidence of high commercial fish consumption and dietary mercury exposure in an urban coastal community. <i>Science of the Total Environment</i> , 2012 , 416, 111-20	10.2	11
56	Reluctant comment on Fox et al. (2012): On being dragged into the NOEC squabble. <i>Integrated Environmental Assessment and Management</i> , 2012 , 8, 767	2.5	1
55	Influence diagrams as decision-making tools for pesticide risk management. <i>Integrated Environmental Assessment and Management</i> , 2012 , 8, 339-50	2.5	19
54	Floodplain methylmercury biomagnification factor higher than that of the contiguous river (South River, Virginia USA). <i>Environmental Pollution</i> , 2011 , 159, 2840-4	9.3	23
53	Mercury-contaminated sediments affect amphipod feeding. <i>Archives of Environmental Contamination and Toxicology</i> , 2011 , 60, 437-43	3.2	15
52	High mercury concentrations reflect trophic ecology of three deep-water chondrichthyans. <i>Archives of Environmental Contamination and Toxicology</i> , 2011 , 60, 618-25	3.2	25

51	A community-based assessment of seafood consumption along the lower James River, Virginia, USA: potential sources of dietary mercury exposure. <i>Environmental Research</i> , 2010 , 110, 213-9	7.9	16
50	Modeling mercury biomagnification (South River, Virginia, USA) to inform river management decision making. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1013-20	3.8	20
49	"What exactly are you inferring?" A closer look at hypothesis testing. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 1013-9	3.8	80
48	Does Pesticide Risk Assessment in the European Union Assess Long-Term Effects?. <i>Reviews of Environmental Contamination and Toxicology</i> , 2006 , 1-65	3.5	3
47	Does Pesticide Risk Assessment in the European Union Assess Long-Term Effects?. <i>Reviews of Environmental Contamination and Toxicology</i> , 2006 , 1-65	3.5	2
46	Genetic structure and mtDNA diversity of <i>Fundulus heteroclitus</i> populations from polycyclic aromatic hydrocarbon-contaminated sites. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 671-677	3.8	36
45	Genetic and demographic responses of mercury-exposed mosquitofish (<i>Gambusia holbrooki</i>) populations: Temporal stability and reproductive components of fitness. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 2191-2197	3.8	12
44	Genetic structure of <i>Fundulus heteroclitus</i> from PAH-contaminated and neighboring sites in the Elizabeth and York Rivers. <i>Aquatic Toxicology</i> , 2002 , 61, 195-209	5.1	54
43	. <i>Environmental Toxicology and Chemistry</i> , 2002 , 21, 1897	3.8	48
42	Effect of mercury and Gpi-2 genotype on standard metabolic rate of eastern mosquitofish (<i>Gambusia holbrooki</i>). <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 782-786	3.8	19
41	Applying species-sensitivity distributions in ecological risk assessment: Assumptions of distribution type and sufficient numbers of species. <i>Environmental Toxicology and Chemistry</i> , 2000 , 19, 508-515	3.8	223
40	What level of effect is a no observed effect?. <i>Environmental Toxicology and Chemistry</i> , 2000 , 19, 516-519	3.8	141
39	The individual tolerance concept is not the sole explanation for the probit dose-effect model. <i>Environmental Toxicology and Chemistry</i> , 2000 , 19, 520-526	3.8	44
38	Genetic and demographic responses of mosquitofish (<i>Gambusia holbrooki</i>) populations exposed to mercury for multiple generations. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 2840-2845	3.8	22
37	. <i>Environmental Toxicology and Chemistry</i> , 1999 , 18, 2840	3.8	4
36	Allozymes Reflect the Population-Level Effect of Mercury: Simulations of the Mosquitofish (<i>Gambusia holbrooki</i> Girard) GPI-2 Response. <i>Ecotoxicology</i> , 1998 , 7, 141-150	2.9	13
35	Use of ion characteristics to predict relative toxicity of mono-, di- and trivalent metal ions: <i>Caenorhabditis elegans</i> LC50. <i>Aquatic Toxicology</i> , 1998 , 42, 255-269	5.1	84
34	Predicting relative metal toxicity with ion characteristics: <i>Caenorhabditis elegans</i> LC50. <i>Aquatic Toxicology</i> , 1997 , 39, 279-290	5.1	55

33	Bootstrap estimation of community NOEC values. <i>Ecotoxicology</i> , 1997 , 6, 293-306	2.9	31
32	Methyl mercury toxicokinetics in channel catfish (<i>Ictalurus punctatus</i>) and largemouth bass (<i>Micropterus salmoides</i>) after intravascular administration. <i>Environmental Toxicology and Chemistry</i> , 1997 , 16, 990-996	3.8	18
31	Predicting relative toxicity and interactions of divalent metal ions: Microtox [®] bioluminescence assay. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 275-281	3.8	70
30	Mercury contamination and population-level responses in chironomids: Can allozyme polymorphism indicate exposure?. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 1309-1316	3.8	11
29	Predicting the relative toxicity of metal ions using ion characteristics: Microtox [®] bioluminescence assay. <i>Environmental Toxicology and Chemistry</i> , 1996 , 15, 1730-1737	3.8	105
28	Time-to-event analyses of ecotoxicity data. <i>Ecotoxicology</i> , 1996 , 5, 187-96	2.9	64
27	Mercury contamination and population-level responses in chironomids: Can allozyme polymorphism indicate exposure? 1996 , 15, 1309		2
26	Genetic and demographic responses of mosquitofish (<i>Gambusia holbrooki</i> girard 1859) populations stressed by mercury. <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 1411-1418	3.8	33
25	Inhibition of glucosephosphate isomerase allozymes of the mosquitofish, <i>Gambusia holbrooki</i> , by Mercury. <i>Environmental Toxicology and Chemistry</i> , 1994 , 13, 9-14	3.8	14
24	Quantifying animal size effects on toxicity: a general approach. <i>Aquatic Toxicology</i> , 1994 , 28, 1-12	5.1	7
23	Regression analysis of log-transformed data: Statistical bias and its correction. <i>Environmental Toxicology and Chemistry</i> , 1993 , 12, 1129-1133	3.8	135
22	Regression analysis of log-transformed data: Statistical bias and its correction 1993 , 12, 1129		4
21	Enhancing toxicity data interpretation and prediction of ecological risk with survival time modeling: an illustration using sodium chloride toxicity to mosquitofish (<i>Gambusia holbrooki</i>). <i>Aquatic Toxicology</i> , 1992 , 23, 85-96	5.1	38
20	Zinc elimination kinetics in mosquitofish: a clarification. <i>Aquatic Toxicology</i> , 1992 , 24, 153-155	5.1	
19	Changes in concentrations of glycolysis and Krebs cycle metabolites in mosquitofish, <i>Gambusia holbrooki</i> , induced by mercuric chloride and starvation. <i>Environmental Biology of Fishes</i> , 1992 , 34, 315-320	1.6	10
18	Glycolysis and krebs cycle metabolites in mosquitofish, <i>Gambusia holbrooki</i> , Girard 1859, exposed to mercuric chloride: Allozyme genotype effects. <i>Environmental Toxicology and Chemistry</i> , 1992 , 11, 357-364	3.8	15
17	A statistical bias in the derivation of hardness-dependent metals criteria. <i>Environmental Toxicology and Chemistry</i> , 1991 , 10, 1295-1297	3.8	7
16	Prediction of contaminant accumulation by free-living organisms: Applications of a sigmoidal model. <i>Environmental Toxicology and Chemistry</i> , 1990 , 9, 141-149	3.8	15

15	Variation of ¹³⁷ Cs levels between sexes, body sizes and collection localities of mosquitofish, <i>Gambusia holbrooki</i> (Girard 1859), inhabiting a reactor cooling reservoir. <i>Journal of Environmental Radioactivity</i> , 1990 , 12, 131-141	2.4	13
14	Allozyme genotype and time to death of mosquitofish, <i>Gambusia affinis</i> (Baird and Girard), during acute exposure to inorganic mercury. <i>Environmental Toxicology and Chemistry</i> , 1989 , 8, 613-622	3.8	56
13	Size-dependence of mercury (II) accumulation kinetics in the mosquitofish, <i>Gambusia affinis</i> (Baird and Girard). <i>Archives of Environmental Contamination and Toxicology</i> , 1989 , 18, 819-25	3.2	43
12	ESTIMATING MEAN AND VARIANCE FOR ENVIRONMENTAL SAMPLES WITH BELOW DETECTION LIMIT OBSERVATIONS ¹ . <i>Journal of the American Water Resources Association</i> , 1989 , 25, 905-916	2.1	81
11	Appropriateness of Aufwuchs as a monitor of bioaccumulation. <i>Environmental Pollution</i> , 1989 , 60, 83-100.	0.3	59
10	Allozyme genotype and time to death of mosquitofish, <i>Gambusia affinis</i> (Baird and Girard) during acute toxicant exposure: a comparison of arsenate and inorganic mercury. <i>Aquatic Toxicology</i> , 1989 , 15, 141-156	5.1	52
9	. <i>Environmental Toxicology and Chemistry</i> , 1989 , 8, 613	3.8	44
8	Size dependence of zinc elimination and uptake from water by mosquitofish <i>Gambusia affinis</i> (Baird and Girard). <i>Aquatic Toxicology</i> , 1988 , 12, 17-32	5.1	36
7	Seasonal variations of trace elements in dissolved and suspended loads for coal ash ponds and pond effluents. <i>Water, Air, and Soil Pollution</i> , 1985 , 26, 111-128	2.6	24
6	Geochemical factors complicating the use of aufwuchs to monitor bioaccumulation of arsenic, cadmium, chromium, copper and zinc. <i>Water Research</i> , 1985 , 19, 1157-1165	12.5	45
5	Lead elimination and size effects on accumulation by two freshwater gastropods. <i>Archives of Environmental Contamination and Toxicology</i> , 1983 , 12, 25-29	3.2	9
4	Slow accumulation of lead from contaminated food sources by the freshwater gastropods, <i>Physa integra</i> and <i>Campeloma decisum</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 1983 , 12, 685-691	3.3	10
3	Geochemical factors complicating the use of aufwuchs as a biomonitor for lead levels in two New Jersey reservoirs. <i>Water Research</i> , 1983 , 17, 625-630	12.5	15
2	The influence of lead in components of a freshwater ecosystem on molluscan tissue lead concentrations. <i>Aquatic Toxicology</i> , 1982 , 2, 1-19	5.1	22
1	Quantitative Ecotoxicology		10