Sue J Nichols

List of Publications by Year
in descending order

33 papers	694 citations	566801 15 h-index	580395 25 g-index
34 all docs	34 docs citations	34 times ranked	901 citing authors

#	Article	IF	Citations
1	Single‐species acute lethal toxicity tests are not predictive of relative population and community effects of two salinity types. Limnology and Oceanography Letters, 2023, 8, 181-189.	1.6	5
2	The Effects of Road De-icing Salts on Water Quality and Macroinvertebrates in Australian Alpine Areas. Archives of Environmental Contamination and Toxicology, 2022, 82, 266-280.	2.1	9
3	Assessing the Relative Toxicity of Different Road Salts and Effect of Temperature on Salinity Toxicity: LCx Values versus No-Effect Concentration (NEC) Values. Archives of Environmental Contamination and Toxicology, 2022, 82, 281-293.	2.1	4
4	Exploring the interplay of biotic interactions and salinity stress in freshwater invertebrate assemblages: reply to Chessman (2022). Marine and Freshwater Research, 2022, , .	0.7	0
5	Assemblage-based biomonitoring of freshwater ecosystem health via multimetric indices: A critical review and suggestions for improving their applicability. , 2022, 1, 100054.		22
6	Can SPEcies At Risk of pesticides (SPEAR) indices detect effects of target stressors among multiple interacting stressors?. Science of the Total Environment, 2021, 763, 142997.	3.9	11
7	Sub-organism (acetylcholinesterase activity), population (survival) and chemical concentration responses reinforce mechanisms of antagonism associated with malathion toxicity. Science of the Total Environment, 2021, 778, 146087.	3.9	5
8	Sensitivity and specificity of macroinvertebrate responses to gradients of multiple agricultural stressors. Environmental Pollution, 2021, 291, 118092.	3.7	9
9	The Biological Assessment and Rehabilitation of the World's Rivers: An Overview. Water (Switzerland), 2021, 13, 371.	1.2	88
10	Understanding salt-tolerance and biota–stressor interactions in freshwater invertebrate communities. Marine and Freshwater Research, 2021, 73, 140-146.	0.7	4
11	Towards routine DNA metabarcoding of macroinvertebrates using bulk samples for freshwater bioassessment: Effects of debris and storage conditions on the recovery of target taxa. Freshwater Biology, 2020, 65, 607-620.	1.2	14
12	Stressor dominance and sensitivity‐dependent antagonism: Disentangling the freshwater effects of an insecticide among co‐occurring agricultural stressors. Journal of Applied Ecology, 2019, 56, 2020-2033.	1.9	17
13	Timely delivery of scientific knowledge for environmental management: a *Freshwater Science* initiative. Freshwater Science, 2018, 37, 205-207.	0.9	3
14	Cutting through the complexity to aid evidence synthesis. A response to Haddaway and Dicks. Biological Conservation, 2018, 218, 291-292.	1.9	1
15	Using Systematic Review and Evidence Banking to Increase Uptake and Use of Aquatic Science in Decision‐Making. Limnology and Oceanography Bulletin, 2018, 27, 103-109.	0.2	4
16	Challenges for evidence-based environmental management: what is acceptable and sufficient evidence of causation?. Freshwater Science, 2017, 36, 240-249.	0.9	15
17	The imperative need for nationally coordinated bioassessment of rivers and streams. Marine and Freshwater Research, 2017, 68, 599.	0.7	26
18	Creating institutional flexibility for adaptive water management: insights from two management agencies. Journal of Environmental Management, 2017, 202, 188-197.	3.8	23

#	ARTICLE	IF	CITATIONS
19	Simplifying the selection of evidence synthesis methods to inform environmental decisions: A guide for decision makers and scientists. Biological Conservation, 2017, 213, 135-145.	1.9	42
20	An evidence-based approach for integrating ecological, hydrological and consumptive models to optimize flow management: a proof of concept. Policy Studies, 2017, 38, 432-446.	1.1	4
21	Weaving common threads in environmental causal assessment methods: toward an ideal method for rapid evidence synthesis. Freshwater Science, 2017, 36, 250-256.	0.9	21
22	An online database and desktop assessment software to simplify systematic reviews in environmental science. Environmental Modelling and Software, 2015, 64, 72-79.	1.9	20
23	Evaluating AUSRIVAS predictive model performance for detecting simulated eutrophication effects on invertebrate assemblages. Freshwater Science, 2014, 33, 1212-1224.	0.9	8
24	Contribution of national bioassessment approaches for assessing ecological water security: an AUSRIVAS case study. Frontiers of Environmental Science and Engineering, 2013, 7, 669-687.	3.3	21
25	Analyzing cause and effect in environmental assessments: using weighted evidence from the literature. Freshwater Science, 2012, 31, 5-21.	0.9	94
26	Ecological Responses to Flow Alteration: Assessing Causal Relationships with Eco Evidence. Wetlands, 2012, 32, 203-213.	0.7	28
27	More for less: a study of environmental flows during drought in two Australian rivers. Freshwater Biology, 2012, 57, 858-873.	1.2	13
28	Using the reference condition maintains the integrity of a bioassessment program in a changing climate. Journal of the North American Benthological Society, 2010, 29, 1459-1471.	3.0	20
29	The influence of extreme climatic events and human disturbance on macroinvertebrate community patterns of a Mediterranean stream over 15Ây. Journal of the North American Benthological Society, 2010, 29, 1397-1409.	3.0	41
30	Water quality assessment of Portuguese streams: Regional or national predictive models?. Ecological Indicators, 2009, 9, 791-806.	2.6	32
31	Ecological Effects of Serial Impoundment on the Cotter River, Australia. Hydrobiologia, 2006, 572, 255-273.	1.0	47
32	Sample Variability Influences on the Precision of Predictive Bioassessment. Hydrobiologia, 2006, 572, 215-233.	1.0	21
33	River condition assessment may depend on the sub-sampling method: field live-sort versus laboratory sub-sampling of invertebrates for bioassessment. Hydrobiologia, 2006, 572, 195-213.	1.0	22