Bronwyn D Harch

List of Publications by Year
in descending order

35 papers	2,188 citations	279798 23 h-index	361022 35 g-index
35 all docs	35 docs citations	35 times ranked	2923 citing authors

#	Article	IF	Citations
1	An assessment framework for measuring agroecosystem health. Ecological Indicators, 2017, 79, 265-275.	6.3	19
2	Foundations for the future: A longâ€term plan for <scp>A</scp>ustralian ecosystem science. Austral Ecology, 2014, 39, 739-748.	1.5	17
3	Identifying the spatial scale of land use that most strongly influences overall river ecosystem health score. Ecological Applications, 2012, 22, 2188-2203.	3.8	88
4	Food price volatility and hunger alleviation â€“ can Cannes work?. Agriculture and Food Security, 2012, 1, .	4.2	14
5	A comparison of spatially explicit landscape representation methods and their relationship to stream condition. Freshwater Biology, 2011, 56, 590-610.	2.4	91
6	Terrestrial invertebrates of dry river beds are not simply subsets of riparian assemblages. Aquatic Sciences, 2011, 73, 551-566.	1.5	71
7	Multiphase Experiments with at Least One Later Laboratory Phase. I. Orthogonal Designs. Journal of Agricultural, Biological, and Environmental Statistics, 2011, 16, 422-450.	1.4	27
8	Integration of science and monitoring of river ecosystem health to guide investments in catchment protection and rehabilitation. Freshwater Biology, 2010, 55, 223-240.	2.4	170
9	Partitioning the variation in stream fish assemblages within a spatio-temporal hierarchy. Marine and Freshwater Research, 2007, 58, 675.	1.3	38
10	Estimating local stream fish assemblage attributes: sampling effort and efficiency at two spatial scales. Marine and Freshwater Research, 2006, 57, 635.	1.3	59
11	Spatial prediction on a river network. Journal of Agricultural, Biological, and Environmental Statistics, 2006, 11, 127-150.	1.4	101
12	Development and Application of a Predictive Model of Freshwater Fish Assemblage Composition to Evaluate River Health in Eastern Australia. Hydrobiologia, 2006, 572, 33-57.	2.0	57
13	Accurately Defining the Reference Condition for Summary Biotic Metrics: A Comparison of Four Approaches. Hydrobiologia, 2006, 572, 151-170.	2.0	34
14	Benthic Metabolism as an Indicator of Stream Ecosystem Health. Hydrobiologia, 2006, 572, 71-87.	2.0	145
15	Measures of Nutrient Processes as Indicators of Stream Ecosystem Health. Hydrobiologia, 2006, 572, 89-102.	2.0	50
16	Taxonomic Resolution and Quantification of Freshwater Macroinvertebrate Samples from an Australian Dryland River: The Benefits and Costs of Using Species Abundance Data. Hydrobiologia, 2006, 572, 171-194.	2.0	132
17	Non-linear principal components analysis: an alternative method for finding patterns in environmental data. Environmetrics, 2006, 17, 1-11.	1.4	24
18	Are alien fish a reliable indicator of river health?. Freshwater Biology, 2005, 50, 174-193.	2.4	147

#	Article	IF	Citations
19	Bioeconomic modelling and risk assessment of tiger prawn (Penaeus esculentus) stock enhancement in Exmouth Gulf, Australia. Fisheries Research, 2005, 73, 231-249.	1.7	28
20	A broad-scale analysis of links between coastal fisheries production and mangrove extent: A case-study for northeastern Australia. Fisheries Research, 2005, 74, 69-85.	1.7	101
21	The Use of Phospholipid Fatty Acid Analysis to Measure Impact of Acid Rock Drainage on Microbial Communities in Sediments. Microbial Ecology, 2004, 48, 300-315.	2.8	36
22	DDT Resistance and Transformation by Different Microbial Strains Isolated from DDT-Contaminated Soils and Compost Materials. Compost Science and Utilization, 2003, 11, 300-310.	1.2	11
23	Catchment-specific element signatures in estuarine crocodiles (Crocodylus porosus) from the Alligator Rivers Region, northern Australia. Science of the Total Environment, 2002, 287, 83-95.	8.0	12
24	Impact of a change in tillage and crop residue management practice on soil chemical and microbiological properties in a cereal-producing red duplex soil in NSW, Australia. Biology and Fertility of Soils, 2002, 35, 189-196.	4.3	95
25	Resistance of microbial populations in DDT-contaminated and uncontaminated soils. Applied Soil Ecology, 2001, 16, 85-90.	4.3	24
26	Capacity of fatty acid profiles and substrate utilization patterns to describe differences in soil microbial communities associated with increased salinity or alkalinity at three locations in South Australia. Biology and Fertility of Soils, 2001, 33, 204-217.	4.3	238
27	Hydrolysis of triasulfuron, metsulfuron-methyl and chlorsulfuron in alkaline soil and aqueous solutions. Pest Management Science, 2000, 56, 463-471.	3.4	58
28	Title is missing!. Euphytica, 1999, 105, 73-82.	1.2	2
29	Using the Gini coefficient with BIOLOG substrate utilisation data to provide an alternative quantitative measure for comparing bacterial soil communities. Journal of Microbiological Methods, 1997, 30, 91-101.	1.6	105
30	Statistical analysis of reduction in tensile strength of cotton strips as a measure of soil microbial activity. Journal of Microbiological Methods, 1997, 31, 9-17.	1.6	17
31	Wheat Breeding Nurseries, Target Environments, and Indirect Selection for Grain Yield. Crop Science, 1997, 37, 1168-1176.	1.8	134
32	Title is missing!. Genetic Resources and Crop Evolution, 1997, 44, 289-300.	1.6	15
33	Title is missing!. Euphytica, 1997, 95, 27-38.	1.2	3
34	Mixed data types and the use of pattern analysis on the Australian groundnut germplasm data. Genetic Resources and Crop Evolution, 1996, 43, 363-376.	1.6	8
35	Patterns of diversity in fatty acid composition in the Australian groundnut germplasm collection. Genetic Resources and Crop Evolution, 1995, 42, 243-256.	1.6	17