

Bronwyn D Harch

List of Publications by Year in descending order

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Version: 2024-02-01

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	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. <i>Biology and Fertility of Soils</i> , 2001, 33, 204-217.	4.3	238
2	Integration of science and monitoring of river ecosystem health to guide investments in catchment protection and rehabilitation. <i>Freshwater Biology</i> , 2010, 55, 223-240.	2.4	170
3	Are alien fish a reliable indicator of river health?. <i>Freshwater Biology</i> , 2005, 50, 174-193.	2.4	147
4	Benthic Metabolism as an Indicator of Stream Ecosystem Health. <i>Hydrobiologia</i> , 2006, 572, 71-87.	2.0	145
5	Wheat Breeding Nurseries, Target Environments, and Indirect Selection for Grain Yield. <i>Crop Science</i> , 1997, 37, 1168-1176.	1.8	134
6	Taxonomic Resolution and Quantification of Freshwater Macroinvertebrate Samples from an Australian Dryland River: The Benefits and Costs of Using Species Abundance Data. <i>Hydrobiologia</i> , 2006, 572, 171-194.	2.0	132
7	Using the Gini coefficient with BIOLOG substrate utilisation data to provide an alternative quantitative measure for comparing bacterial soil communities. <i>Journal of Microbiological Methods</i> , 1997, 30, 91-101.	1.6	105
8	A broad-scale analysis of links between coastal fisheries production and mangrove extent: A case-study for northeastern Australia. <i>Fisheries Research</i> , 2005, 74, 69-85.	1.7	101
9	Spatial prediction on a river network. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2006, 11, 127-150.	1.4	101
10	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. <i>Biology and Fertility of Soils</i> , 2002, 35, 189-196.	4.3	95
11	A comparison of spatially explicit landscape representation methods and their relationship to stream condition. <i>Freshwater Biology</i> , 2011, 56, 590-610.	2.4	91
12	Identifying the spatial scale of land use that most strongly influences overall river ecosystem health score. <i>Ecological Applications</i> , 2012, 22, 2188-2203.	3.8	88
13	Terrestrial invertebrates of dry river beds are not simply subsets of riparian assemblages. <i>Aquatic Sciences</i> , 2011, 73, 551-566.	1.5	71
14	Estimating local stream fish assemblage attributes: sampling effort and efficiency at two spatial scales. <i>Marine and Freshwater Research</i> , 2006, 57, 635.	1.3	59
15	Hydrolysis of triasulfuron, metsulfuron-methyl and chlorsulfuron in alkaline soil and aqueous solutions. <i>Pest Management Science</i> , 2000, 56, 463-471.	3.4	58
16	Development and Application of a Predictive Model of Freshwater Fish Assemblage Composition to Evaluate River Health in Eastern Australia. <i>Hydrobiologia</i> , 2006, 572, 33-57.	2.0	57
17	Measures of Nutrient Processes as Indicators of Stream Ecosystem Health. <i>Hydrobiologia</i> , 2006, 572, 89-102.	2.0	50
18	Partitioning the variation in stream fish assemblages within a spatio-temporal hierarchy. <i>Marine and Freshwater Research</i> , 2007, 58, 675.	1.3	38

#	ARTICLE	IF	CITATIONS
19	The Use of Phospholipid Fatty Acid Analysis to Measure Impact of Acid Rock Drainage on Microbial Communities in Sediments. <i>Microbial Ecology</i> , 2004, 48, 300-315.	2.8	36
20	Accurately Defining the Reference Condition for Summary Biotic Metrics: A Comparison of Four Approaches. <i>Hydrobiologia</i> , 2006, 572, 151-170.	2.0	34
21	Bioeconomic modelling and risk assessment of tiger prawn (<i>Penaeus esculentus</i>) stock enhancement in Exmouth Gulf, Australia. <i>Fisheries Research</i> , 2005, 73, 231-249.	1.7	28
22	Multiphase Experiments with at Least One Later Laboratory Phase. I. Orthogonal Designs. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2011, 16, 422-450.	1.4	27
23	Resistance of microbial populations in DDT-contaminated and uncontaminated soils. <i>Applied Soil Ecology</i> , 2001, 16, 85-90.	4.3	24
24	Non-linear principal components analysis: an alternative method for finding patterns in environmental data. <i>Environmetrics</i> , 2006, 17, 1-11.	1.4	24
25	An assessment framework for measuring agroecosystem health. <i>Ecological Indicators</i> , 2017, 79, 265-275.	6.3	19
26	Patterns of diversity in fatty acid composition in the Australian groundnut germplasm collection. <i>Genetic Resources and Crop Evolution</i> , 1995, 42, 243-256.	1.6	17
27	Statistical analysis of reduction in tensile strength of cotton strips as a measure of soil microbial activity. <i>Journal of Microbiological Methods</i> , 1997, 31, 9-17.	1.6	17
28	Foundations for the future: A long-term plan for Australian ecosystem science. <i>Austral Ecology</i> , 2014, 39, 739-748.	1.5	17
29	Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 1997, 44, 289-300.	1.6	15
30	Food price volatility and hunger alleviation – can Cannes work?. <i>Agriculture and Food Security</i> , 2012, 1, .	4.2	14
31	Catchment-specific element signatures in estuarine crocodiles (<i>Crocodylus porosus</i>) from the Alligator Rivers Region, northern Australia. <i>Science of the Total Environment</i> , 2002, 287, 83-95.	8.0	12
32	DDT Resistance and Transformation by Different Microbial Strains Isolated from DDT-Contaminated Soils and Compost Materials. <i>Compost Science and Utilization</i> , 2003, 11, 300-310.	1.2	11
33	Mixed data types and the use of pattern analysis on the Australian groundnut germplasm data. <i>Genetic Resources and Crop Evolution</i> , 1996, 43, 363-376.	1.6	8
34	Title is missing!. <i>Euphytica</i> , 1997, 95, 27-38.	1.2	3
35	Title is missing!. <i>Euphytica</i> , 1999, 105, 73-82.	1.2	2