Mark J Mcdonnell

List of Publications by Year
in descending order

57 papers	5,441 citations	147566 31 h-index	223531 46 g-index
58 all docs	58 docs citations	58 times ranked	5064 citing authors

#	Article	IF	Citations
1	Global variation in contributions to human well-being from urban vegetation ecosystem services. One Earth, 2022, 5, 522-533.	3.6	17
2	A roadmap for urban evolutionary ecology. Evolutionary Applications, 2019, 12, 384-398.	1.5	161
3	Functional trait changes in the floras of 11 cities across the globe in response to urbanization. Ecography, 2017, 40, 875-886.	2.1	42
4	Biotic homogenization in an increasingly urbanized temperate grassland ecosystem. Journal of Vegetation Science, 2017, 28, 550-561.	1.1	49
5	The importance of small urban reserves for plant conservation. Biological Conservation, 2017, 213, 146-153.	1.9	42
6	The art and science of writing a publishable article. Journal of Urban Ecology, 2017, 3, .	0.6	1
7	The ecological future of cities. Science, 2016, 352, 936-938.	6.0	190
8	Moving beyond biotic homogenization: searching for new insights into vegetation dynamics. Journal of Vegetation Science, 2016, 27, 439-440.	1.1	4
9	Evolution and future of urban ecological science: ecology in, of, and for the city. Ecosystem Health and Sustainability, 2016, 2, .	1.5	177
10	Journal of Urban Ecology: Linking and promoting research and practice in the evolving discipline of urban ecology: Figure 1.. Journal of Urban Ecology, 2015, 1, juv003.	0.6	14
11	Adaptation and Adaptedness of Organisms to Urban Environments. Annual Review of Ecology, Evolution, and Systematics, 2015, 46, 261-280.	3.8	228
12	Extinction debt of cities and ways to minimise their realisation: a focus on <scp>M</scp>elbourne. Ecological Management and Restoration, 2014, 15, 102-110.	0.7	15
13	The effect of urban ground covers on arthropods: An experiment. Urban Ecosystems, 2014, 17, 77-99.	1.1	18
14	Composition of the soil seed bank in remnant patches of grassy woodland along an urbanization gradient in Melbourne, Australia. Plant Ecology, 2013, 214, 1247-1256.	0.7	4
15	The future of urban biodiversity research: Moving beyond the â€˜low-hanging fruitâ€™. Urban Ecosystems, 2013, 16, 397-409.	1.1	133
16	Local Assessment of Melbourne: The Biodiversity and Social-Ecological Dynamics of Melbourne, Australia. , 2013, , 385-407.		6
17	Exposing an urban ecology straw man: critique of Ramalho and Hobbs. Trends in Ecology and Evolution, 2012, 27, 255-256.	4.2	15
18	The importance of habitat design and aquatic connectivity in amphibian use of urban stormwater retention ponds. Urban Ecosystems, 2012, 15, 451-471.	1.1	55

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19	Plant traits and extinction in urban areas: a meta-analysis of 11 cities. Global Ecology and Biogeography, 2011, 20, 509-519.	2.7	122
20	The History of Urban Ecology. , 2011, , 5-13.		56
21	The response of herpetofauna to urbanization: Inferring patterns of persistence from wildlife databases. Austral Ecology, 2010, 35, 568-580.	0.7	64
22	A conceptual framework for predicting the effects of urban environments on floras. Journal of Ecology, 2009, 97, 4-9.	1.9	346
23	A global synthesis of plant extinction rates in urban areas. Ecology Letters, 2009, 12, 1165-1173.	3.0	253
24	Planting conditions improve translocation success of the endangered terrestrial orchid Diuris fragrantissima (Orchidaceae). Australian Journal of Botany, 2009, 57, 200.	0.3	26
25	Comparative urban ecology: challenges and possibilities. , 2009, , 9-24.		17
26	Investigative approaches to urban biogeochemical cycles: New York metropolitan area and Baltimore as case studies. , 2009, , 329-352.		22
27	A comparative ecology of cities and towns: synthesis of opportunities and limitations. , 2009, , 574-596.		8
28	Introduction: Scope of the book and need for developing a comparative approach to the ecological study of cities and towns. , 2009, , 1-6.		9
29	The use of gradient analysis studies in advancing our understanding of the ecology of urbanizing landscapes: current status and future directions. Landscape Ecology, 2008, 23, 1143-1155.	1.9	392
30	Amphibian ecology and conservation in the urbanising world: A review. Biological Conservation, 2008, 141, 2432-2449.	1.9	334
31	Restoring and managing biodiversity in an urbanizing world filled with tensions. Ecological Management and Restoration, 2007, 8, 83-84.	0.7	11
32	Abundance, species richness and feeding preferences of introduced molluscs in native grasslands of Victoria, Australia. Austral Ecology, 2007, 32, 626-634.	0.7	13
33	Composition of the plant community in remnant patches of grassy woodland along an urbanâ€“rural gradient in Melbourne, Australia. Urban Ecosystems, 2007, 10, 355-377.	1.1	23
34	LOCAL EXTINCTION OF GRASSLAND PLANTS: THE LANDSCAPE MATRIX IS MORE IMPORTANT THAN PATCH ATTRIBUTES. Ecology, 2006, 87, 3000-3006.	1.5	76
35	Selecting independent measures to quantify Melbourne's urbanâ€“rural gradient. Landscape and Urban Planning, 2006, 78, 435-448.	3.4	217
36	Range expansion due to urbanization: Increased food resources attract Grey-headed Flying-foxes (Pteropus poliocephalus) to Melbourne. Austral Ecology, 2006, 31, 190-198.	0.7	95

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37	Plant traits and local extinctions in natural grasslands along an urban-rural gradient. Journal of Ecology, 2005, 93, 1203-1213.	1.9	159
38	Factors influencing the loss of an endangered ecosystem in an urbanising landscape: a case study of native grasslands from Melbourne, Australia. Landscape and Urban Planning, 2005, 71, 35-49.	3.4	88
39	The habitat hectares approach to vegetation assessment: An evaluation and suggestions for improvement. Ecological Management and Restoration, 2004, 5, 24-27.	0.7	70
40	Title is missing!. Urban Ecosystems, 1998, 2, 43-59.	1.1	34
41	Ecosystem processes along an urban-to-rural gradient. Urban Ecosystems, 1997, 1, 21-36.	1.1	444
42	Title is missing!. Urban Ecosystems, 1997, 1, 117-131.	1.1	114
43	Soil Characteristics of Oak Stands along an Urban-Rural Land-Use Gradient. Journal of Environmental Quality, 1995, 24, 516-526.	1.0	122
44	CH4 uptake and N availability in forest soils along an urban to rural gradient. Soil Biology and Biochemistry, 1995, 27, 281-286.	4.2	125
45	Forest-Landscape Structure along an Urban-To-Rural Gradient*. Professional Geographer, 1995, 47, 159-168.	1.0	121
46	The Application of the Ecological Gradient Paradigm to the Study of Urban Effects. , 1993, , 175-189.		80
47	Spatial Heterogeneity During Succession: A Cyclic Model of Invasion and Exclusion. Ecological Studies, 1991, , 256-269.	0.4	47
48	Effects of Environment and Land-Use History on Upland Forests of the Cary Arboretum, Hudson Valley, New York. Bulletin of the Torrey Botanical Club, 1990, 117, 106.	0.6	109
49	Forty-Eight Years of Canopy Change in a Hardwood-Hemlock Forest in New York City. Bulletin of the Torrey Botanical Club, 1989, 116, 52.	0.6	63
50	Nitrogen cycling processes and soil characteristics in an urban versus rural forest. Biogeochemistry, 1988, 5, 243-262.	1.7	82
51	Old field Vegetation Height and the Dispersal Pattern of Bird-Disseminated Woody Plants. Bulletin of the Torrey Botanical Club, 1986, 113, 6.	0.6	78
52	BIRDâ€DISPERSAL OF PHYTOLACCA AMERICANA L. AND THE INFLUENCE OF FRUIT REMOVAL ON SUBSEQUENT FRUIT DEVELOPMENT. American Journal of Botany, 1984, 71, 895-901.	0.8	18
53	The structural complexity of old field vegetation and the recruitment of bird-dispersed plant species. Oecologia, 1983, 56, 109-116.	0.9	344
54	Invertebrate biodiversity in urban landscapes: assessing remnant habitat and its restoration. , 0, , 215-232.		3

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55	Comparative effects of urbanisation in marine and terrestrial habitats. , 0, , 51-70.		4
56	Frameworks for urban ecosystem studies: gradients, patch dynamics and the human ecosystem in the New York metropolitan area and Baltimore, USA. , 0, , 25-50.		7
57	Ecosystem Processes Along an Urban-to-Rural Gradient. , 0, , 299-313.		74