Mary L Cadenasso

List of Publications by Year
in descending order

68 papers	5,943 citations	159525 30 h-index	138417 58 g-index
72 all docs	72 docs citations	72 times ranked	5699 citing authors

#	Article	IF	Citations
1	Coproduction of place and knowledge for ecology with the city. Urban Ecosystems, 2022, 25, 765-771.	1.1	10
2	Urban runoff and stream channel incision interact to influence riparian soils and understory vegetation. Ecological Applications, 2022, 32, e2556.	1.8	2
3	Stormwater utility fees and household affordability of urban water services. Water Policy, 2022, 24, 998-1013.	0.7	5
4	An expanded framework for wildlandâ€“urban interfaces and their management. Frontiers in Ecology and the Environment, 2022, 20, 516-523.	1.9	7
5	Unearthing the entangled roots of urban agriculture. Agriculture and Human Values, 2021, 38, 205-220.	1.7	5
6	Valuing the Role of Time in Urban Ecology. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	12
7	The Benefits and Limits of Urban Tree Planting for Environmental and Human Health. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	83
8	Ecosystems in a Heterogeneous World. , 2021, , 227-248.		1
9	Testing urban drivers of riparian woody vegetation composition in a precipitationâ€limited system. Journal of Ecology, 2020, 108, 470-484.	1.9	6
10	Theoretical Perspectives of the Baltimore Ecosystem Study: Conceptual Evolution in a Socialâ€“Ecological Research Project. BioScience, 2020, 70, 297-314.	2.2	20
11	Urban channel incision and stream flow subsidies have contrasting effects on the water status of riparian trees. Urban Ecosystems, 2020, 23, 419-430.	1.1	2
12	Cross-scale controls on the in-stream dynamics of nitrate and turbidity in semiarid agricultural waterway networks. Journal of Environmental Management, 2020, 262, 110307.	3.8	1
13	Changes in vegetation structure and composition of urban and rural forest patches in Baltimore from 1998 to 2015. Forest Ecology and Management, 2019, 454, 117665.	1.4	21
14	From feedbacks to coproduction: toward an integrated conceptual framework for urban ecosystems. Urban Ecosystems, 2019, 22, 65-76.	1.1	30
15	Principles of Urban Ecological Science:. , 2019, , 251-286.		2
16	Controls on denitrification potential in nitrateâ€rich waterways and riparian zones of an irrigated agricultural setting. Ecological Applications, 2018, 28, 1055-1067.	1.8	15
17	Riparian canopy expansion in an urban landscape: Multiple drivers of vegetation change along headwater streams near Sacramento, California. Landscape and Urban Planning, 2018, 172, 37-46.	3.4	18
18	Human and biophysical legacies shape contemporary urban forests: A literature synthesis. Urban Forestry and Urban Greening, 2018, 31, 157-168.	2.3	141

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19	Weaving Community-University Research and Action Partnerships for environmental justice. Action Research, 2018, 16, 173-189.	0.8	18
20	Democratization of ecosystem servicesâ€"a radical approach for assessing natureâ€™s benefits in the face of urbanization. Ecosystem Health and Sustainability, 2018, 4, 115-131.	1.5	22
21	Effects of the spatial configuration of trees on urban heat mitigation: A comparative study. Remote Sensing of Environment, 2017, 195, 1-12.	4.6	333
22	How many principles of urban ecology are there?. Landscape Ecology, 2017, 32, 699-705.	1.9	18
23	Does the ecological concept of disturbance have utility in urban socialâ€"ecologicalâ€"technological systems?. Ecosystem Health and Sustainability, 2017, 3, .	1.5	98
24	Nitrogen retention and loss in unfertilized lawns across a light gradient. Urban Ecosystems, 2017, 20, 1319-1330.	1.1	5
25	Moving dirt: soil, lead, and the dynamic spatial politics of urban gardening. Local Environment, 2017, 22, 998-1018.	1.1	13
26	Moving Towards a New Urban Systems Science. Ecosystems, 2017, 20, 38-43.	1.6	63
27	Shifting concepts of urban spatial heterogeneity and their implications for sustainability. Landscape Ecology, 2017, 32, 15-30.	1.9	128
28	Growing Gardens in Shrinking Cities: A Solution to the Soil Lead Problem?. Sustainability, 2016, 8, 141.	1.6	26
29	The Effect of Nitrogen Deposition on Plant Performance and Community Structure: Is It Life Stage Specific?. PLoS ONE, 2016, 11, e0156685.	1.1	16
30	Linking Nitrogen Export to Landscape Heterogeneity: The Role of Infrastructure and Storm Flows in a Mediterranean Urban System. Journal of the American Water Resources Association, 2016, 52, 456-472.	1.0	12
31	Evolution and future of urban ecological science: ecology in, of, and for the city. Ecosystem Health and Sustainability, 2016, 2, .	1.5	177
32	Media Frames and Shifting Places of Environmental (In)Justice: A Qualitative Historical Geographic Information System Method. Environmental Justice, 2016, 9, 23-28.	0.8	3
33	Using realistic nitrogen deposition levels to test the impact of deposition relative to other interacting factors on the germination and establishment of grasses in the California oak savanna. Plant Ecology, 2016, 217, 43-55.	0.7	6
34	Nitrogen deposition across scales: hotspots and gradients in a California savanna landscape. Ecosphere, 2015, 6, 1-12.	1.0	17
35	The New Global Urban Realm: Complex, Connected, Diffuse, and Diverse Social-Ecological Systems. Sustainability, 2015, 7, 5211-5240.	1.6	124
36	Trees Grow on Money: Urban Tree Canopy Cover and Environmental Justice. PLoS ONE, 2015, 10, e0122051.	1.1	329

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37	An Ecology for Cities: A Transformational Nexus of Design and Ecology to Advance Climate Change Resilience and Urban Sustainability. Sustainability, 2015, 7, 3774-3791.	1.6	208
38	Quantifying Spatial Heterogeneity in Urban Landscapes: Integrating Visual Interpretation and Object-Based Classification. Remote Sensing, 2014, 6, 3369-3386.	1.8	56
39	Ecology and Environmental Justice: Understanding Disturbance Using Ecological Theory. , 2013, , 27-47.		3
40	Ecosystems in a Heterogeneous World. , 2013, , 191-213.		3
41	A comparison of three empirically based, spatially explicit predictive models of residential soil Pb concentrations in Baltimore, Maryland, USA: understanding the variability within cities. Environmental Geochemistry and Health, 2013, 35, 495-510.	1.8	24
42	Building an Urban LTSER: The Case of the Baltimore Ecosystem Study and the D.C./B.C. ULTRA-Ex Project. , 2013, , 369-408.		5
43	The effects of the urban built environment on the spatial distribution of lead inÂresidential soils. Environmental Pollution, 2012, 163, 32-39.	3.7	103
44	Does spatial configuration matter? Understanding the effects of land cover pattern on land surface temperature in urban landscapes. Landscape and Urban Planning, 2011, 102, 54-63.	3.4	668
45	Expanding the conceptual frameworks of plant invasion ecology. Perspectives in Plant Ecology, Evolution and Systematics, 2011, 13, 89-100.	1.1	44
46	Accumulation of Carbon and Nitrogen in Residential Soils with Different Land-Use Histories. Ecosystems, 2011, 14, 287-297.	1.6	180
47	Nitrate production and availability in residential soils. , 2011, 21, 2357-2366.		48
48	Landscape, vegetation characteristics, and group identity in an urban and suburban watershed: why the 60s matter. Urban Ecosystems, 2010, 13, 255-271.	1.1	166
49	Beyond Urban Legends: An Emerging Framework of Urban Ecology, as Illustrated by the Baltimore Ecosystem Study. BioScience, 2008, 58, 139-150.	2.2	288
50	Urban Principles for Ecological Landscape Design and Management: Scientific Fundamentals. Cities and the Environment, 2008, 1, 1-16.	0.1	88
51	Spatial heterogeneity in urban ecosystems: reconceptualizing land cover and a framework for classification. Frontiers in Ecology and the Environment, 2007, 5, 80-88.	1.9	439
52	Predicting Opportunities for Greening and Patterns of Vegetation on Private Urban Lands. Environmental Management, 2007, 40, 394-412.	1.2	244
53	Watersheds in Baltimore, Maryland: Understanding and Application of Integrated Ecological and Social Processes. Journal of Contemporary Water Research and Education, 2007, 136, 44-55.	0.7	18
54	Data and Methods Comparing Social Structure and Vegetation Structure of Urban Neighborhoods in Baltimore, Maryland. Society and Natural Resources, 2006, 19, 117-136.	0.9	113

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55	Land use context and natural soil controls on plant community composition and soil nitrogen and carbon dynamics in urban and rural forests. Forest Ecology and Management, 2006, 236, 177-192.	1.4	115
56	Integrative approaches to investigating human-natural systems: the Baltimore ecosystem study. Natures Sciences Societes, 2006, 14, 4-14.	0.1	47
57	The relationship between community diversity and exotic plants: cause or consequence of invasion?. , 2005, , 97-114.		5
58	Heterogeneity in Urban Ecosystems: Patterns and Process. , 2005, , 257-278.		22
59	Beyond biodiversity: individualistic controls of invasion in a self-assembled community. Ecology Letters, 2004, 7, 121-126.	3.0	82
60	An Interdisciplinary and Synthetic Approach to Ecological Boundaries. BioScience, 2003, 53, 717.	2.2	121
61	Plant colonization windows in a mesic old field succession. Applied Vegetation Science, 2003, 6, 205-212.	0.9	117
62	A Framework for a Theory of Ecological Boundaries. BioScience, 2003, 53, 750.	2.2	325
63	Plant colonization windows in a mesic old field succession. Applied Vegetation Science, 2003, 6, 205.	0.9	24
64	Exotic plant invasions over 40 years of old field successions: community patterns and associations. Ecography, 2002, 25, 215-223.	2.1	176
65	Forest Edges as Nutrient and Pollutant Concentrators: Potential Synergisms between Fragmentation, Forest Canopies, and the Atmosphere. Conservation Biology, 2001, 15, 1506-1514.	2.4	256
66	Effects of plant invasions on the species richness of abandoned agricultural land. Ecography, 2001, 24, 633-644.	2.1	83
67	Importance of Integrated Approaches and Perspectives. , 0, , 258-273.		4
68	Systems in Flames: Dynamic Coproduction of Socialâ€“Ecological Processes. BioScience, 0, , .	2.2	1