Monica G Turner

List of Publications by Year
in descending order

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265 papers	30,994 citations	5558 82 h-index	6282 158 g-index
271 all docs	271 docs citations	271 times ranked	23014 citing authors

#	Article	IF	Citations
1	Cross-scale Drivers of Natural Disturbances Prone to Anthropogenic Amplification: The Dynamics of Bark Beetle Eruptions. BioScience, 2008, 58, 501-517.	2.2	1,410
2	The Report of the Ecological Society of America Committee on the Scientific Basis for Ecosystem Management. , 1996, 6, 665-691.		1,080
3	Disturbance and landscape dynamics in a changing world. Ecology, 2010, 91, 2833-2849.	1.5	1,060
4	Changing disturbance regimes, ecological memory, and forest resilience. Frontiers in Ecology and the Environment, 2016, 14, 369-378.	1.9	947
5	Ecological Thresholds: The Key to Successful Environmental Management or an Important Concept with No Practical Application?. Ecosystems, 2006, 9, 1-13.	1.6	829
6	Effects of changing spatial scale on the analysis of landscape pattern. Landscape Ecology, 1989, 3, 153-162.	1.9	819
7	Landscape Ecology: What Is the State of the Science?. Annual Review of Ecology, Evolution, and Systematics, 2005, 36, 319-344.	3.8	701
8	Factors Influencing Succession: Lessons from Large, Infrequent Natural Disturbances. Ecosystems, 1998, 1, 511-523.	1.6	614
9	Pervasive shifts in forest dynamics in a changing world. Science, 2020, 368, .	6.0	576
10	Continued warming could transform Greater Yellowstone fire regimes by mid-21st century. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13165-13170.	3.3	536
11	Adapt to more wildfire in western North American forests as climate changes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4582-4590.	3.3	536
12	Spatial and temporal analysis of landscape patterns. Landscape Ecology, 1990, 4, 21-30.	1.9	497
13	Landscape dynamics in crown fire ecosystems. Landscape Ecology, 1994, 9, 59-77.	1.9	482
14	Effects of fire on landscape heterogeneity in Yellowstone National Park, Wyoming. Journal of Vegetation Science, 1994, 5, 731-742.	1.1	453
15	Landscape Connectivity and Population Distributions in Heterogeneous Environments. Oikos, 1997, 78, 151.	1.2	441
16	ECOLOGY: Ecology for a Crowded Planet. Science, 2004, 304, 1251-1252.	6.0	440
17	A revised concept of landscape equilibrium: Disturbance and stability on scaled landscapes. Landscape Ecology, 1993, 8, 213-227.	1.9	433
18	EFFECTS OF FIRE SIZE AND PATTERN ON EARLY SUCCESSION IN YELLOWSTONE NATIONAL PARK. Ecological Monographs, 1997, 67, 411-433.	2.4	429

#	Article	IF	Citations
19	Filling key gaps in population and community ecology. Frontiers in Ecology and the Environment, 2007, 5, 145-152.	1.9	401
20	Managing Forests and Fire in Changing Climates. Science, 2013, 342, 41-42.	6.0	378
21	Scale-dependent interactions between tree canopy cover and impervious surfaces reduce daytime urban heat during summer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7575-7580.	3.3	348
22	Spatial interactions among ecosystem services in an urbanizing agricultural watershed. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12149-12154.	3.3	342
23	Landscape Ecology in Theory and Practice. , 2015, , .		338
24	Climate change and ecosystems: threats, opportunities and solutions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190104.	1.8	333
25	Landscape indicators of human impacts to riverine systems. , 2002, 64, 118-128.		325
26	Predicting across scales: Theory development and testing. Landscape Ecology, 1989, 3, 245-252.	1.9	313
27	Scale and heterogeneity in habitat selection by elk in Yellowstone National Park. Ecoscience, 2003, 10, 421-431.	0.6	295
28	Surprises and lessons from the 1988 Yellowstone fires. Frontiers in Ecology and the Environment, 2003, 1, 351-358.	1.9	284
29	Surrogates for Resilience of Socialâ€“Ecological Systems. Ecosystems, 2005, 8, 941-944.	1.6	281
30	Predicting the Spread of Disturbance across Heterogeneous Landscapes. Oikos, 1989, 55, 121.	1.2	278
31	Prefire heterogeneity, fire severity, and early postfire plant reestablishment in subalpine forests of Yellowstone National Park, Wyoming. International Journal of Wildland Fire, 1999, 9, 21.	1.0	271
32	Aspen, Elk, and Fire in Northern Yellowstone Park. Ecology, 1995, 76, 2097-2106.	1.5	264
33	Land Ownership and Land-Cover Change in the Southern Appalachian Highlands and the Olympic Peninsula. , 1996, 6, 1150-1172.		253
34	Consequences of spatial heterogeneity for ecosystem services in changing forest landscapes: priorities for future research. Landscape Ecology, 2013, 28, 1081-1097.	1.9	245
35	DISSOLVED ORGANIC CARBON AS AN INDICATOR OF THE SCALE OF WATERSHED INFLUENCE ON LAKES AND RIVERS. , 1999, 9, 1377-1390.		241
36	Do mountain pine beetle outbreaks change the probability of active crown fire in lodgepole pine forests?. Ecological Monographs, 2011, 81, 3-24.	2.4	237

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37	ENVIRONMENTAL AND SOCIAL FACTORS INFLUENCING WILDFIRES IN THE UPPER MIDWEST, UNITED STATES. , 2001, 11, 111-127.		235
38	Unpacking ecosystem service bundles: Towards predictive mapping of synergies and trade-offs between ecosystem services. Global Environmental Change, 2017, 47, 37-50.	3.6	229
39	Large, Infrequent Disturbances: Comparing Large, Infrequent Disturbances: What Have We Learned?. Ecosystems, 1998, 1, 493-496.	1.6	222
40	Simulating fire patterns in heterogeneous landscapes. Ecological Modelling, 2000, 135, 243-263.	1.2	220
41	High and dry: postâ€fire tree seedling establishment in subalpine forests decreases with postâ€fire drought and large standâ€replacing burn patches. Global Ecology and Biogeography, 2016, 25, 655-669.	2.7	213
42	Carbon Storage on Landscapes with Stand-replacing Fires. BioScience, 2006, 56, 598.	2.2	206
43	Crossâ€“Scale Interactions and Changing Patternâ€“Process Relationships: Consequences for System Dynamics. Ecosystems, 2007, 10, 790-796.	1.6	205
44	EFFECTS OF PAST LAND USE ON SPATIAL HETEROGENEITY OF SOIL NUTRIENTS IN SOUTHERN APPALACHIAN FORESTS. Ecological Monographs, 2005, 75, 215-230.	2.4	197
45	LANDSCAPE ECOLOGY IN NORTH AMERICA: PAST, PRESENT, AND FUTURE. Ecology, 2005, 86, 1967-1974.	1.5	184
46	Abrupt Change in Ecological Systems: Inference and Diagnosis. Trends in Ecology and Evolution, 2018, 33, 513-526.	4.2	178
47	Usefulness of Spatially Explicit Population Models in Land Management. , 1995, 5, 12-16.		169
48	Fires, Hurricanes, and Volcanoes: Comparing Large Disturbances. BioScience, 1997, 47, 758-768.	2.2	169
49	Climate change, ecosystems and abrupt change: science priorities. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190105.	1.8	169
50	Patterns and drivers of recent disturbances across the temperate forest biome. Nature Communications, 2018, 9, 4355.	5.8	167
51	Postfire Soil N Cycling in Northern Conifer Forests Affected by Severe, Stand-Replacing Wildfires. Ecosystems, 2005, 8, 163-181.	1.6	165
52	Spatial Extrapolation: The Science of Predicting Ecological Patterns and Processes. BioScience, 2004, 54, 310.	2.2	163
53	Short-interval severe fire erodes the resilience of subalpine lodgepole pine forests. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11319-11328.	3.3	156
54	Integrating aquatic and terrestrial components to construct a complete carbon budget for a north temperate lake district. Global Change Biology, 2011, 17, 1193-1211.	4.2	151

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55	STATEâ€“SPACE MODELS LINK ELK MOVEMENT PATTERNS TO LANDSCAPE CHARACTERISTICS IN YELLOWSTONE NATIONAL PARK. Ecological Monographs, 2007, 77, 285-299.	2.4	148
56	Implications of Global Climate Change for Biogeographic Patterns in the Greater Yellowstone Ecosystem. Conservation Biology, 1991, 5, 373-386.	2.4	145
57	Disturbance Dynamics and Ecological Response: The Contribution of Long-Term Ecological Research. BioScience, 2003, 53, 46.	2.2	143
58	A FUTURE PERSPECTIVE ON NORTH AMERICA'S FRESHWATER ECOSYSTEMS. , 2000, 10, 958-970.		141
59	Landscape Patterns of Sapling Density, Leaf Area, and Aboveground Net Primary Production in Postfire Lodgepole Pine Forests, Yellowstone National Park (USA). Ecosystems, 2004, 7, 751-775.	1.6	140
60	Methods to evaluate the performance of spatial simulation models. Ecological Modelling, 1989, 48, 1-18.	1.2	139
61	Hares and Tortoises: Interactions of Fast and Slow Variablesin Ecosystems. Ecosystems, 2000, 3, 495-497.	1.6	136
62	Inorganic nitrogen availability after severe stand-replacing fire in the Greater Yellowstone ecosystem. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4782-4789.	3.3	134
63	Understanding Regional Change: A Comparison of Two Lake Districts. BioScience, 2007, 57, 323-335.	2.2	129
64	Simulating Winter Interactions Among Ungulates, Vegetation, and Fire in Northern Yellowstone Park. , 1994, 4, 472-496.		128
65	Ecological science and sustainability for the 21st century. Frontiers in Ecology and the Environment, 2005, 3, 4-11.	1.9	127
66	MICROBIAL COMMUNITY VARIATION AND ITS RELATIONSHIP WITH NITROGEN MINERALIZATION IN HISTORICALLY ALTERED FORESTS. Ecology, 2006, 87, 570-579.	1.5	127
67	Twenty Years After the 1988 Yellowstone Fires: Lessons About Disturbance and Ecosystems. Ecosystems, 2011, 14, 1196-1215.	1.6	126
68	Factors influencing female home range sizes in elk (Cervus elaphus) in North American landscapes. Landscape Ecology, 2005, 20, 257-271.	1.9	125
69	THE INFLUENCE OF FIRE INTERVAL AND SEROTINY ON POSTFIRE LODGEPOLE PINE DENSITY IN YELLOWSTONE NATIONAL PARK. Ecology, 2003, 84, 2967-2978.	1.5	124
70	A landscape simulation model of winter foraging by large ungulates. Ecological Modelling, 1993, 69, 163-184.	1.2	122
71	Aquatic and terrestrial drivers of dragonfly (Odonata) assemblages within and among north-temperate lakes. Journal of the North American Benthological Society, 2009, 28, 44-56.	3.0	122
72	Fish Community and Food Web Responses to a Whole-lake Removal of Coarse Woody Habitat. Fisheries, 2006, 31, 321-330.	0.6	120

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73	Recent mountain pine beetle outbreaks, wildfire severity, and postfire tree regeneration in the US Northern Rockies. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15120-15125.	3.3	118
74	CONSEQUENCES OF HUMAN-ALTERED FLOODS: LEVEES, FLOODS, AND FLOODPLAIN FORESTS ALONG THE WISCONSIN RIVER. , 2002, 12, 1755-1770.		115
75	When, Where, and How Nature Matters for Ecosystem Services: Challenges for the Next Generation of Ecosystem Service Models. BioScience, 2017, 67, 820-833.	2.2	114
76	Title is missing!. Landscape Ecology, 2003, 18, 449-464.	1.9	112
77	VARIABILITY AND CONVERGENCE IN STAND STRUCTURAL DEVELOPMENT ON A FIRE-DOMINATED SUBALPINE LANDSCAPE. Ecology, 2005, 86, 643-654.	1.5	110
78	Ecosystem Management with Multiple Owners: Landscape Dynamics in a Southern Appalachian Watershed. , 1996, 6, 1173-1188.		104
79	Quantitative Methods in Landscape Ecology: An Introduction. Ecological Studies, 1991, , 3-14.	0.4	102
80	SCALE-DEPENDENT SUMMER RESOURCE SELECTION BY REINTRODUCED ELK IN WISCONSIN, USA. Journal of Wildlife Management, 2005, 69, 298-310.	0.7	101
81	Nitrogen cycling following mountain pine beetle disturbance in lodgepole pine forests of Greater Yellowstone. Forest Ecology and Management, 2011, 261, 1077-1089.	1.4	100
82	Postfire changes in forest carbon storage over a 300â€year chronosequence of Pinus contortaâ€dominated forests. Ecological Monographs, 2013, 83, 49-66.	2.4	100
83	Post-fire aspen seedling recruitment across the Yellowstone (USA) Landscape. Landscape Ecology, 2003, 18, 127-140.	1.9	97
84	How Increasing CO2and Climate Change Affect Forests. BioScience, 1990, 40, 575-587.	2.2	96
85	Landscape-scale heterogeneity in lodgepole pine serotiny. Canadian Journal of Forest Research, 1994, 24, 897-903.	0.8	95
86	Winter Habitat Use by Large Ungulates Following Fire in Northern Yellowstone National Park. , 1995, 5, 744-755.		93
87	Importance of landscape heterogeneity in sustaining hydrologic ecosystem services in an agricultural watershed. Ecosphere, 2015, 6, 1-19.	1.0	91
88	Influence of recent bark beetle outbreak on fire severity and postfire tree regeneration in montane Douglasâ€fir forests. Ecology, 2013, 94, 2475-2486.	1.5	90
89	Factors and Processes Shaping Land Cover and Land Cover Changes Along the Wisconsin River. Ecosystems, 2002, 5, 184-201.	1.6	89
90	Drivers and trends in landscape patterns of stand-replacing fire in forests of the US Northern Rocky Mountains (1984â€“2010). Landscape Ecology, 2016, 31, 2367-2383.	1.9	89

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91	Scale detection in real and artificial landscapes using semivariance analysis. Landscape Ecology, 1998, 13, 347-362.	1.9	88
92	ESTABLISHMENT, PERSISTENCE, AND GROWTH OF ASPEN (POPULUS TREMULOIDES) SEEDLINGS IN YELLOWSTONE NATIONAL PARK. Ecology, 2005, 86, 404-418.	1.5	88
93	Dynamic forest mosaics. , 1999, , 95-160.		87
94	Explaining Human Settlement Patterns in a Recreational Lake District: Vilas County, Wisconsin, USA. Environmental Management, 2002, 30, 24-34.	1.2	87
95	It takes a few to tango: changing climate and fire regimes can cause regeneration failure of two subalpine conifers. Ecology, 2018, 99, 966-977.	1.5	87
96	Interactions between the fractal geometry of landscapes and allometric herbivory. Theoretical Population Biology, 1992, 41, 337-353.	0.5	86
97	Landscape heterogeneity following large fires: insights from Yellowstone National Park, USA. International Journal of Wildland Fire, 2008, 17, 742.	1.0	83
98	Burn me twice, shame on who? Interactions between successive forest fires across a temperate mountain region. Ecology, 2016, 97, 2272-2282.	1.5	83
99	Variation in NH4+ mineralization and microbial communities with stand age in lodgepole pine (Pinus) Tj ETQq1 1 0.784314 rgBT /Ove	4.2	82
100	Regeneration of montane forests 24Âyears after the 1988 Yellowstone fires: A fireâ€catalyzed shift in lower treelines?. Ecosphere, 2016, 7, e01410.	1.0	82
101	RIPARIAN TREE SEEDLING DISTRIBUTION ON WISCONSIN RIVER SANDBARS: CONTROLS AT DIFFERENT SPATIAL SCALES. Ecological Monographs, 2002, 72, 465-485.	2.4	81
102	Natural and anthropogenic variation in coarse wood among and within lakes. Journal of Ecology, 2006, 94, 558-568.	1.9	80
103	Scale of heterogeneity of forage production and winter foraging by elk and bison. Landscape Ecology, 1995, 10, 75-83.	1.9	76
104	Understanding relationships among ecosystem services across spatial scales and over time. Environmental Research Letters, 2018, 13, 054020.	2.2	76
105	Simulated recruitment of riparian trees and shrubs under natural and regulated flow regimes on the Wisconsin River, USA. River Research and Applications, 2006, 22, 1057-1083.	0.7	75
106	Deterministic and stochastic processes lead to divergence in plant communities 25Âyears after the 1988 Yellowstone fires. Ecological Monographs, 2016, 86, 327-351.	2.4	75
107	Diversity in Current Ecological Thinking: Implications for Environmental Management. Environmental Management, 2009, 43, 17-27.	1.2	74
108	Bark beetle effects on fuel profiles across a range of stand structures in Douglasâ€fir forests of Greater Yellowstone. Ecological Applications, 2013, 23, 3-20.	1.8	73

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109	Fire severity and tree regeneration following bark beetle outbreaks: the role of outbreak stage and burning conditions. Ecological Applications, 2014, 24, 1608-1625.	1.8	73
110	Species richness alone does not predict cultural ecosystem service value. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3774-3779.	3.3	73
111	Effects of land-use history and the contemporary landscape on non-native plant invasion at local and regional scales in the forest-dominated southern Appalachians. Landscape Ecology, 2010, 25, 1433-1445.	1.9	72
112	EFFECTS OF HISTORICAL LAND USE AND FOREST PATCH SIZE ON MYRMECOCHORES AND ANT COMMUNITIES. , 2002, 12, 1364-1377.		70
113	Plausible futures of a social-ecological system: Yahara watershed, Wisconsin, USA. Ecology and Society, 2015, 20, .	1.0	70
114	What explains landscape patterns of tree mortality caused by bark beetle outbreaks in Greater Yellowstone?. Global Ecology and Biogeography, 2012, 21, 556-567.	2.7	69
115	Origins of abrupt change? Postfire subalpine conifer regeneration declines nonlinearly with warming and drying. Ecological Monographs, 2019, 89, e01340.	2.4	69
116	Post-disturbance reorganization of forest ecosystems in a changing world. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	69
117	Ecological Dynamics at Broad Scales. BioScience, 1995, 45, S29-S35.	2.2	68
118	Twentyâ€four years after the Yellowstone Fires: Are postfire lodgepole pine stands converging in structure and function?. Ecology, 2016, 97, 1260-1273.	1.5	66
119	Distribution and abundance of trees in floodplain forests of the Wisconsin River: Environmental influences at different scales. Journal of Vegetation Science, 2004, 15, 729-738.	1.1	65
120	Spatial variability in tree regeneration after wildfire delays and dampens future bark beetle outbreaks. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13075-13080.	3.3	65
121	Linking terrestrial and aquatic ecosystems: The role of woody habitat in lake food webs. Ecological Modelling, 2007, 203, 439-452.	1.2	62
122	Modeling the effects of fire and climate change on carbon and nitrogen storage in lodgepole pine (Pinus contorta) stands. Global Change Biology, 2009, 15, 535-548.	4.2	61
123	Current and historical land use influence soilâ€based ecosystem services in an urban landscape. Ecological Applications, 2018, 28, 643-654.	1.8	61
124	RAPD markers reveal diversity within and among clonal and seedling stands of aspen in Yellowstone National Park, U.S.A.. Canadian Journal of Forest Research, 1996, 26, 2088-2098.	0.8	59
125	Annual precipitation regulates spatial and temporal drivers of lake water clarity. Ecological Applications, 2017, 27, 632-643.	1.8	59
126	LANDSCAPE CHANGE AND HABITAT AVAILABILITY IN THE SOUTHERN APPALACHIAN HIGHLANDS AND OLYMPIC PENINSULA. , 1999, 9, 1288-1304.		58

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127	Heterogeneity and Spatial Hierarchies. Ecological Studies, 1991, , 85-96.	0.4	57
128	Spatial heterogeneity of lodgepole pine sapling densities following the 1988 fires in Yellowstone National Park, Wyoming, USA. Canadian Journal of Forest Research, 2004, 34, 2263-2276.	0.8	51
129	Simulating forest resilience: A review. Global Ecology and Biogeography, 2020, 29, 2082-2096.	2.7	51
130	RESPONSE OF AVIAN COMMUNITIES IN LARGE-RIVER FLOODPLAINS TO ENVIRONMENTAL VARIATION AT MULTIPLE SCALES. , 2004, 14, 1394-1410.		49
131	Agricultural land-use history increases non-native plant invasion in a southern Appalachian forest a century after abandonment. Canadian Journal of Forest Research, 2011, 41, 920-929.	0.8	49
132	Seeing the forest and the trees: multilevel models reveal both species and community patterns. Ecosphere, 2012, 3, 1-16.	1.0	49
133	Historical foundations and future directions in macrosystems ecology. Ecology Letters, 2017, 20, 147-157.	3.0	49
134	Long-Term Nitrogen Storage and Soil Nitrogen Availability in Post-Fire Lodgepole Pine Ecosystems. Ecosystems, 2009, 12, 792-806.	1.6	48
135	Variability in Leaf Area and Stemwood Increment Along a 300-year Lodgepole Pine Chronosequence. Ecosystems, 2005, 8, 48-61.	1.6	47
136	Spatial Heterogeneity and Soil Nitrogen Dynamics in a Burned Black Spruce Forest Stand: Distinct Controls at Different Scales. Biogeochemistry, 2005, 76, 517-537.	1.7	46
137	Interactions between past land use, life-history traits and understory spatial heterogeneity. Landscape Ecology, 2006, 21, 777-790.	1.9	46
138	Landscape configuration and flood frequency influence invasive shrubs in floodplain forests of the Wisconsin River (USA). Journal of Ecology, 2008, 96, 91-102.	1.9	46
139	Monitoring forest regrowth following large scale fire using satellite data-A case study of Yellowstone National Park, USA-. European Journal of Remote Sensing, 2013, 46, 551-569.	1.7	46
140	Epidemiology theory and disturbance spread on landscapes. Landscape Ecology, 1992, 7, 19-26.	1.9	44
141	From qualitative to quantitative environmental scenarios: Translating storylines into biophysical modeling inputs at the watershed scale. Environmental Modelling and Software, 2016, 85, 80-97.	1.9	44
142	Shifting ecological filters mediate postfire expansion of seedling aspen (Populus tremuloides) in Yellowstone. Forest Ecology and Management, 2016, 362, 218-230.	1.4	44
143	How do land-use legacies affect ecosystem services in United States cultural landscapes?. Landscape Ecology, 2017, 32, 2205-2218.	1.9	44
144	Previous land use alters plant allocation and growth in forest herbs. Journal of Ecology, 2006, 94, 548-557.	1.9	42

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145	Carbon and water cycling in lake-rich landscapes: Landscape connections, lake hydrology, and biogeochemistry. Journal of Geophysical Research, 2007, 112, .	3.3	42
146	Widespread regeneration failure in forests of Greater Yellowstone under scenarios of future climate and fire. Global Change Biology, 2021, 27, 4339-4351.	4.2	42
147	Decadal changes in fire frequencies shift tree communities and functional traits. Nature Ecology and Evolution, 2021, 5, 504-512.	3.4	41
148	Joint effects of habitat configuration and temporal stochasticity on population dynamics. Landscape Ecology, 2009, 24, 863-877.	1.9	40
149	ANALYSIS AND CONSERVATION IMPLICATIONS OF LANDSCAPE CHANGE IN THE WISCONSIN RIVER FLOODPLAIN, USA. , 2003, 13, 416-431.		38
150	Causes and Consequences of Spatial Heterogeneity in Ecosystem Function. , 2005, , 9-30.		38
151	Amount, position, and age of coarse wood influence litter decomposition in postfirePinus contortastands. Canadian Journal of Forest Research, 2006, 36, 2112-2123.	0.8	38
152	Market and nonmarket values of the Georgia landscape. Environmental Management, 1988, 12, 209-217.	1.2	37
153	Effects of non-native Asian earthworm invasion on temperate forest and prairie soils in the Midwestern US. Biological Invasions, 2017, 19, 73-88.	1.2	37
154	Tips and Traps in Interdisciplinary Research. Ecosystems, 1999, 2, 275-276.	1.6	36
155	Local Explanations of Landscape Patterns: Can Analytical Approaches Approximate Simulation Models of Spatial Processes?. Ecosystems, 1998, 1, 35-51.	1.6	35
156	LAND COVER ALONG AN URBANâ€“RURAL GRADIENT: IMPLICATIONS FOR WATER QUALITY. , 1998, 8, 619-630.		35
157	METALAND: Characterizing Spatial Patterns and Statistical Context of Landscape Metrics. BioScience, 2005, 55, 983.	2.2	35
158	Editorial: At Last: A Journal Devoted to Ecosystem Science. Ecosystems, 1998, 1, 1-5.	1.6	34
159	Ecosystem Function in Heterogeneous Landscapes. , 2005, , 1-4.		34
160	Cone production in young post-fire Pinus contorta stands in Greater Yellowstone (USA). Forest Ecology and Management, 2007, 242, 119-126.	1.4	34
161	Scenarios reveal pathways to sustain future ecosystem services in an agricultural landscape. Ecological Applications, 2018, 28, 119-134.	1.8	34
162	Filling holes in regional carbon budgets: Predicting peat depth in a north temperate lake district. Journal of Geophysical Research, 2010, 115, .	3.3	33

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163	Simulation of the Scale-Dependent Effects of Landscape Boundaries on Species Persistence and Dispersal. , 1991, , 76-89.		32
164	Modeling Landscape Disturbance. Ecological Studies, 1991, , 323-351.	0.4	32
165	Secondary Plant Compounds in Seedling and Mature Aspen (Populus tremuloides) in Yellowstone National Park, Wyoming. American Midland Naturalist, 2001, 145, 299-308.	0.2	30
166	The Effect of Military Training Activity on Eastern Lupine and the Karner Blue Butterfly at Fort McCoy, Wisconsin, USA. Environmental Management, 2002, 29, 102-115.	1.2	29
167	Changes to the N cycle following bark beetle outbreaks in two contrasting conifer forest types. Oecologia, 2012, 170, 551-565.	0.9	29
168	Topographic position amplifies consequences of short-interval stand-replacing fires on postfire tree establishment in subalpine conifer forests. Forest Ecology and Management, 2020, 478, 118523.	1.4	28
169	Nature, society and history in two contrasting landscapes in Wisconsin, USA. Land Use Policy, 2001, 18, 41-51.	2.5	27
170	Salvage harvest effects on advance tree regeneration, soil nitrogen, and fuels following mountain pine beetle outbreak in lodgepole pine. Forest Ecology and Management, 2013, 291, 228-239.	1.4	27
171	Evaluating post-outbreak management effects on future fuel profiles and stand structure in bark beetle-impacted forests of Greater Yellowstone. Forest Ecology and Management, 2013, 303, 160-174.	1.4	27
172	Logging Legacies Affect Insect Pollinator Communities in Southern Appalachian Forests. Southeastern Naturalist, 2014, 13, 317.	0.2	27
173	Spatial fit between water quality policies and hydrologic ecosystem services in an urbanizing agricultural landscape. Landscape Ecology, 2017, 32, 59-75.	1.9	27
174	The propagule doesnâ€™t fall far from the tree, especially after shortâ€interval, highâ€severity fire. Ecology, 2021, 102, e03194.	1.5	27
175	Post-Fire Spatial Patterns of Soil Nitrogen Mineralization and Microbial Abundance. PLoS ONE, 2012, 7, e50597.	1.1	27
176	Distribution and abundance of trees in floodplain forests of the Wisconsin River: Environmental influences at different scales. Journal of Vegetation Science, 2004, 15, 729.	1.1	27
177	The magnitude, direction, and tempo of forest change in Greater Yellowstone in a warmer world with more fire. Ecological Monographs, 2022, 92, e01485.	2.4	26
178	Aboveground Net Primary Production and Leaf-Area Index in Early Postfire Vegetation in Yellowstone National Park. Ecosystems, 1999, 2, 88-94.	1.6	25
179	Variation in Aboveground Cover Influences Soil Nitrogen Availability at Fine Spatial Scales Following Severe Fire in Subalpine Conifer Forests. Ecosystems, 2011, 14, 1081-1095.	1.6	25
180	Landscape dynamics of floral resources affect the supply of a biodiversity-dependent cultural ecosystem service. Landscape Ecology, 2017, 32, 415-428.	1.9	25

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181	Variation in foliar nitrogen and aboveground net primary production in young postfire lodgepole pine. Canadian Journal of Forest Research, 2009, 39, 1024-1035.	0.8	24
182	The response of understory herbaceous plants to nitrogen fertilization in forests of different land-use history. Forest Ecology and Management, 2009, 257, 2182-2188.	1.4	24
183	Integrating Sustainable Development and Environmental Vitality: A Landscape Ecology Approach. , 1992, , 499-521.		24
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