Ryan W Mcewan

List of Publications by Year
in descending order

59 papers	2,054 citations	236925 25 h-index	243625 44 g-index
59 all docs	59 docs citations	59 times ranked	2493 citing authors

#	Article	IF	Citations
1	Multiple interacting ecosystem drivers: toward an encompassing hypothesis of oak forest dynamics across eastern North America. Ecography, 2011, 34, 244-256.	4.5	323
2	The legacy of episodic climatic events in shaping temperate, broadleaf forests. Ecological Monographs, 2014, 84, 599-620.	5.4	140
3	Climate remains an important driver of postâ€European vegetation change in the eastern United States. Global Change Biology, 2015, 21, 2105-2110.	9.5	96
4	Leaf phenology and freeze tolerance of the invasive shrub Amur honeysuckle and potential native competitors. Journal of the Torrey Botanical Society, 2009, 136, 212-220.	0.3	89
5	Local spatial structure of forest biomass and its consequences for remote sensing of carbon stocks. Biogeosciences, 2014, 11, 6827-6840.	3.3	89
6	Functional composition drives ecosystem function through multiple mechanisms in a broadleaved subtropical forest. Oecologia, 2016, 182, 829-840.	2.0	89
7	The influence of the invasive shrub, Lonicera maackii, on leaf decomposition and microbial community dynamics. Plant Ecology, 2012, 213, 1571-1582.	1.6	86
8	Topographic and biotic regulation of aboveground carbon storage in subtropical broad-leaved forests of Taiwan. Forest Ecology and Management, 2011, 262, 1817-1825.	3.2	80
9	Temporal and spatial patterns in fire occurrence during the establishment of mixedâ€oak forests in eastern North America. Journal of Vegetation Science, 2007, 18, 655-664.	2.2	75
10	A review on the invasion ecology of Amur honeysuckle (Lonicera maackii, Caprifoliaceae) a case study of ecological impacts at multiple scales. Journal of the Torrey Botanical Society, 2016, 143, 367-385.	0.3	57
11	Microbial Biofilm Community Variation in Flowing Habitats: Potential Utility as Bioindicators of Postmortem Submersion Intervals. Microorganisms, 2016, 4, 1.	3.6	49
12	A multi-assay comparison of seed germination inhibition by Lonicera maackii and co-occurring native shrubs. Flora: Morphology, Distribution, Functional Ecology of Plants, 2010, 205, 475-483.	1.2	47
13	Dendroecology of American chestnut in a disjunct stand of oakÂ–chestnut forest. Canadian Journal of Forest Research, 2006, 36, 1-11.	1.7	46
14	Spatial and temporal dynamics in canopy dominance of an old-growth central Appalachian forest. Canadian Journal of Forest Research, 2006, 36, 1536-1550.	1.7	45
15	Potential interactions between invasive woody shrubs and the gypsy moth (Lymantria dispar), an invasive insect herbivore. Biological Invasions, 2009, 11, 1053-1058.	2.4	43
16	Riparian forest invasion by a terrestrial shrub (Lonicera maackii) impacts aquatic biota and organic matter processing in headwater streams. Biological Invasions, 2012, 14, 1881-1893.	2.4	41
17	The effects of prescribed fire and silvicultural thinning on the aboveground carbon stocks and net primary production of overstory trees in an oak-hickory ecosystem in southern Ohio. Forest Ecology and Management, 2008, 255, 1584-1594.	3.2	40
18	Typhoon Disturbance Mediates Elevational Patterns of Forest Structure, but not Species Diversity, in Humid Monsoon Asia. Ecosystems, 2015, 18, 1410-1423.	3.4	38

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19	Flowering phenology change and climate warming in southwestern Ohio. Plant Ecology, 2011, 212, 55-61.	1.6	34
20	Throughfall Chemistry and Soil Nutrient Effects of the Invasive Shrub Lonicera maackii in Deciduous Forests. American Midland Naturalist, 2012, 168, 43-55.	0.4	34
21	Vegetation-Environment Relationships Among Woody Species in Four Canopy-Layers in an Old-Growth Mixed Mesophytic Forest. Castanea, 2005, 70, 32-46.	0.1	33
22	Long-term drought sensitivity of trees in second-growth forests in a humid region. Canadian Journal of Forest Research, 2012, 42, 1837-1850.	1.7	31
23	Anthropogenic disturbance and the formation of oak savanna in central Kentucky, USA. Journal of Biogeography, 2008, 35, 965-975.	3.0	30
24	Dynamics, diversity, and resource gradient relationships in the herbaceous layer of an old-growth Appalachian forest. Plant Ecology, 2011, 212, 1179-1191.	1.6	29
25	Fire and gap dynamics over 300Âyears in an oldâ€growth temperate forest. Applied Vegetation Science, 2014, 17, 312-322.	1.9	27
26	Abiotic autumnal organic matter deposition and grazing disturbance effects on epilithic biofilm succession. FEMS Microbiology Ecology, 2015, 91, fiv060.	2.7	26
27	Thirty Years of Compositional Change in an Old-Growth Temperate Forest: The Role of Topographic Gradients in Oak-Maple Dynamics. PLoS ONE, 2016, 11, e0160238.	2.5	25
28	Decadal effects of thinning on understory light environments and plant community structure in a subtropical forest. Ecosphere, 2018, 9, e02464.	2.2	24
29	An experimental evaluation of fire history reconstruction using dendrochronology in white oak (Quercus alba). Canadian Journal of Forest Research, 2007, 37, 806-816.	1.7	22
30	The effect of typhoonâ€related defoliation on the ecology of gap dynamics in a subtropical rain forest of <scp>T</scp>aiwan. Journal of Vegetation Science, 2015, 26, 145-154.	2.2	22
31	Prescribed fire and natural canopy gap disturbances: Impacts on upland oak regeneration. Forest Ecology and Management, 2020, 465, 118107.	3.2	20
32	The Role of Environmental Filtering in Structuring Appalachian Tree Communities: Topographic Influences on Functional Diversity Are Mediated through Soil Characteristics. Forests, 2018, 9, 19.	2.1	19
33	Removal of the Invasive Shrub, Lonicera maackii (Amur Honeysuckle), from a Headwater Stream Riparian Zone Shifts Taxonomic and Functional Composition of the Aquatic Biota. Invasive Plant Science and Management, 2017, 10, 232-246.	1.1	15
34	Temporal and spatial patterns in fire occurrence during the establishment of mixed-oak forests in eastern North America. Journal of Vegetation Science, 2007, 18, 655.	2.2	15
35	The vascular flora of an old-growth mixed mesophytic forest in southeastern Kentucky. Journal of the Torrey Botanical Society, 2005, 132, 618-627.	0.3	14
36	Site Characteristics as Predictors ofLonicera maackiiin Second-Growth Forests of Central Kentucky, USA. Natural Areas Journal, 2013, 33, 189-198.	0.5	14

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37	Recovery of forest floor diversity after removal of the nonnative, invasive plantEuonymus fortunei¹. Journal of the Torrey Botanical Society, 2016, 143, 103-116.	0.3	14
38	Predicting the Influence of Multi-Scale Spatial Autocorrelation on Soil-Landform Modeling. Soil Science Society of America Journal, 2016, 80, 409-419.	2.2	13
39	Lethal effects of leaf leachate from the non-native invasive shrub Amur honeysuckle (Lonicera) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	13
40	Spatiotemporal dynamics of Î±â€•and Î²â€diversity across topographic gradients in the herbaceous layer of an oldâ€growth deciduous forest. Oikos, 2013, 122, 1679-1686.	2.7	12
41	Lethal and sublethal effects of novel terrestrial subsidies from an invasive shrub (Lonicera) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	12
42	Evidence for Facilitation of <I>Culex pipiens</I> (Diptera: Culicidae) Life History Traits by the Nonnative Invasive Shrub Amur Honeysuckle (<I>Lonicera maackii</I>). Environmental Entomology, 2014, 43, 1584-1593.	1.4	11
43	Composition Shifts, Disturbance, and Canopy-Accession Strategy in an Oldgrowth Forest of Southwestern Ohio, USA. Natural Areas Journal, 2013, 33, 384-394.	0.5	10
44	Edge Effects, Invasion, and the Spatial Pattern of Herb-Layer Biodiversity in an Old-Growth Deciduous Forest Fragment. Natural Areas Journal, 2015, 35, 439-451.	0.5	10
45	Tree regeneration ecology of an old-growth central Appalachian forest: Diversity, temporal dynamics, and disturbance response1,2. Journal of the Torrey Botanical Society, 2012, 139, 194-205.	0.3	8
46	Changing flora of an old-growth mesophytic forest: Previously undetected taxa and first appearance of non-native invasive species1,2,3. Journal of the Torrey Botanical Society, 2012, 139, 206-210.	0.3	7
47	Resprouting of the woody plant Pyrus calleryana influences soil ecology during invasion of grasslands in the American Midwest. Applied Soil Ecology, 2021, 166, 103989.	4.3	7
48	Spatiotemporal Dynamics of Coarse Woody Debris in an Old-Growth Temperate Deciduous Forest. Forest Science, 2015, 61, 680-688.	1.0	6
49	The influence of riparian invasion by the terrestrial shrub Lonicera maackii on aquatic macroinvertebrates in temperate forest headwater streams. Biological Invasions, 2021, 23, 25-35.	2.4	5
50	Tropical cyclones disrupt the relationship between tree height and species diversity: Comment. Ecosphere, 2017, 8, e01938.	2.2	4
51	Beyond bivariate correlations: threeâ€block partial least squares illustrated with vegetation, soil, and topography. Ecosphere, 2015, 6, 1-32.	2.2	3
52	Assessing the Efficacy of Seedling Planting as a Forest Restoration Technique in Temperate Hardwood Forests Impacted by Invasive Species. Forests, 2019, 10, 699.	2.1	3
53	Assessing Seed Handling Processes to Facilitate a Community-Engaged Approach to Regional Forest Restoration. Forests, 2020, 11, 474.	2.1	3
54	Riparian invasion of Lonicera maackii influences throughfall chemistry and rainwater availability. Ecological Research, 2018, 33, 1021-1030.	1.5	2

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55	Assessing the influence of riparian invasion by the shrub Lonicera maackii on terrestrial subsidies to headwater streams. Acta Oecologica, 2020, 105, 103580.	1.1	2
56	Herb-Layer Dynamics in an Old-Growth Forest: Vegetationâ€“Environment Relationships and Response to Invasion-Related Perturbations. Forests, 2020, 11, 1069.	2.1	1
57	Topography and Vegetation Patterns in an Old-Growth Appalachian Forest: Lucy Braun, You Were Right!. , 2018, , 83-98.		1
58	Oak seedling performance and soil development across a forest restoration chronosequence following agriculture in the American Midwest â€“ a greenhouse experiment. Restoration Ecology, 0, , e13587.	2.9	0
59	Development of a New Habitat Mimicking Tool for Assessing Larval Salamanders in Temperate Forest Streams. Natural Areas Journal, 2020, 40, .	0.5	0