

# Ryan W Mcewan

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The influence of riparian invasion by the terrestrial shrub <i>Lonicera maackii</i> on aquatic macroinvertebrates in temperate forest headwater streams. <i>Biological Invasions</i> , 2021, 23, 25-35.	2.4	5
2	Resprouting of the woody plant <i>Pyrus calleryana</i> influences soil ecology during invasion of grasslands in the American Midwest. <i>Applied Soil Ecology</i> , 2021, 166, 103989.	4.3	7
3	Assessing the influence of riparian invasion by the shrub <i>Lonicera maackii</i> on terrestrial subsidies to headwater streams. <i>Acta Oecologica</i> , 2020, 105, 103580.	1.1	2
4	Herb-Layer Dynamics in an Old-Growth Forest: Vegetation-Environment Relationships and Response to Invasion-Related Perturbations. <i>Forests</i> , 2020, 11, 1069.	2.1	1
5	Assessing Seed Handling Processes to Facilitate a Community-Engaged Approach to Regional Forest Restoration. <i>Forests</i> , 2020, 11, 474.	2.1	3
6	Prescribed fire and natural canopy gap disturbances: Impacts on upland oak regeneration. <i>Forest Ecology and Management</i> , 2020, 465, 118107.	3.2	20
7	Development of a New Habitat Mimicking Tool for Assessing Larval Salamanders in Temperate Forest Streams. <i>Natural Areas Journal</i> , 2020, 40, .	0.5	0
8	Assessing the Efficacy of Seedling Planting as a Forest Restoration Technique in Temperate Hardwood Forests Impacted by Invasive Species. <i>Forests</i> , 2019, 10, 699.	2.1	3
9	Lethal effects of leaf leachate from the non-native invasive shrub <i>Amur honeysuckle</i> ( <i>Lonicera</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1.4 13	1.4	13
10	Decadal effects of thinning on understory light environments and plant community structure in a subtropical forest. <i>Ecosphere</i> , 2018, 9, e02464.	2.2	24
11	Riparian invasion of <i>Lonicera maackii</i> influences throughfall chemistry and rainwater availability. <i>Ecological Research</i> , 2018, 33, 1021-1030.	1.5	2
12	The Role of Environmental Filtering in Structuring Appalachian Tree Communities: Topographic Influences on Functional Diversity Are Mediated through Soil Characteristics. <i>Forests</i> , 2018, 9, 19.	2.1	19
13	Topography and Vegetation Patterns in an Old-Growth Appalachian Forest: Lucy Braun, You Were Right!. , 2018, , 83-98.		1
14	Lethal and sublethal effects of novel terrestrial subsidies from an invasive shrub ( <i>Lonicera</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 1.8 12	1.8	12
15	Removal of the Invasive Shrub, <i>Lonicera maackii</i> (Amur Honeysuckle), from a Headwater Stream Riparian Zone Shifts Taxonomic and Functional Composition of the Aquatic Biota. <i>Invasive Plant Science and Management</i> , 2017, 10, 232-246.	1.1	15
16	Tropical cyclones disrupt the relationship between tree height and species diversity: Comment. <i>Ecosphere</i> , 2017, 8, e01938.	2.2	4
17	Predicting the Influence of Multi-Scale Spatial Autocorrelation on Soil-Landform Modeling. <i>Soil Science Society of America Journal</i> , 2016, 80, 409-419.	2.2	13
18	Microbial Biofilm Community Variation in Flowing Habitats: Potential Utility as Bioindicators of Postmortem Submersion Intervals. <i>Microorganisms</i> , 2016, 4, 1.	3.6	49

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19	Recovery of forest floor diversity after removal of the nonnative, invasive plant <i>Euonymus fortunei</i> . <i>Journal of the Torrey Botanical Society</i> , 2016, 143, 103-116.	0.3	14
20	Functional composition drives ecosystem function through multiple mechanisms in a broadleaved subtropical forest. <i>Oecologia</i> , 2016, 182, 829-840.	2.0	89
21	A review on the invasion ecology of Amur honeysuckle ( <i>Lonicera maackii</i> , Caprifoliaceae) a case study of ecological impacts at multiple scales. <i>Journal of the Torrey Botanical Society</i> , 2016, 143, 367-385.	0.3	57
22	Thirty Years of Compositional Change in an Old-Growth Temperate Forest: The Role of Topographic Gradients in Oak-Maple Dynamics. <i>PLoS ONE</i> , 2016, 11, e0160238.	2.5	25
23	Spatiotemporal Dynamics of Coarse Woody Debris in an Old-Growth Temperate Deciduous Forest. <i>Forest Science</i> , 2015, 61, 680-688.	1.0	6
24	Abiotic autumnal organic matter deposition and grazing disturbance effects on epilithic biofilm succession. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv060.	2.7	26
25	Beyond bivariate correlations: three-block partial least squares illustrated with vegetation, soil, and topography. <i>Ecosphere</i> , 2015, 6, 1-32.	2.2	3
26	Climate remains an important driver of post-European vegetation change in the eastern United States. <i>Global Change Biology</i> , 2015, 21, 2105-2110.	9.5	96
27	Typhoon Disturbance Mediates Elevational Patterns of Forest Structure, but not Species Diversity, in Humid Monsoon Asia. <i>Ecosystems</i> , 2015, 18, 1410-1423.	3.4	38
28	Edge Effects, Invasion, and the Spatial Pattern of Herb-Layer Biodiversity in an Old-Growth Deciduous Forest Fragment. <i>Natural Areas Journal</i> , 2015, 35, 439-451.	0.5	10
29	The effect of typhoon-related defoliation on the ecology of gap dynamics in a subtropical rain forest of Taiwan. <i>Journal of Vegetation Science</i> , 2015, 26, 145-154.	2.2	22
30	Local spatial structure of forest biomass and its consequences for remote sensing of carbon stocks. <i>Biogeosciences</i> , 2014, 11, 6827-6840.	3.3	89
31	The legacy of episodic climatic events in shaping temperate, broadleaf forests. <i>Ecological Monographs</i> , 2014, 84, 599-620.	5.4	140
32	Evidence for Facilitation of <i>Culex pipiens</i> (Diptera: Culicidae) Life History Traits by the Nonnative Invasive Shrub Amur Honeysuckle ( <i>Lonicera maackii</i> ). <i>Environmental Entomology</i> , 2014, 43, 1584-1593.	1.4	11
33	Fire and gap dynamics over 300 years in an old-growth temperate forest. <i>Applied Vegetation Science</i> , 2014, 17, 312-322.	1.9	27
34	Composition Shifts, Disturbance, and Canopy-Accession Strategy in an Oldgrowth Forest of Southwestern Ohio, USA. <i>Natural Areas Journal</i> , 2013, 33, 384-394.	0.5	10
35	Spatiotemporal dynamics of $\alpha$ - and $\beta$ -diversity across topographic gradients in the herbaceous layer of an old-growth deciduous forest. <i>Oikos</i> , 2013, 122, 1679-1686.	2.7	12
36	Site Characteristics as Predictors of <i>Lonicera maackii</i> in Second-Growth Forests of Central Kentucky, USA. <i>Natural Areas Journal</i> , 2013, 33, 189-198.	0.5	14

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37	Throughfall Chemistry and Soil Nutrient Effects of the Invasive Shrub <i>Lonicera maackii</i> in Deciduous Forests. <i>American Midland Naturalist</i> , 2012, 168, 43-55.	0.4	34
38	Long-term drought sensitivity of trees in second-growth forests in a humid region. <i>Canadian Journal of Forest Research</i> , 2012, 42, 1837-1850.	1.7	31
39	Riparian forest invasion by a terrestrial shrub ( <i>Lonicera maackii</i> ) impacts aquatic biota and organic matter processing in headwater streams. <i>Biological Invasions</i> , 2012, 14, 1881-1893.	2.4	41
40	The influence of the invasive shrub, <i>Lonicera maackii</i> , on leaf decomposition and microbial community dynamics. <i>Plant Ecology</i> , 2012, 213, 1571-1582.	1.6	86
41	Changing flora of an old-growth mesophytic forest: Previously undetected taxa and first appearance of non-native invasive species <sup>1,2,3</sup> . <i>Journal of the Torrey Botanical Society</i> , 2012, 139, 206-210.	0.3	7
42	Tree regeneration ecology of an old-growth central Appalachian forest: Diversity, temporal dynamics, and disturbance response <sup>1,2</sup> . <i>Journal of the Torrey Botanical Society</i> , 2012, 139, 194-205.	0.3	8
43	Topographic and biotic regulation of aboveground carbon storage in subtropical broad-leaved forests of Taiwan. <i>Forest Ecology and Management</i> , 2011, 262, 1817-1825.	3.2	80
44	Multiple interacting ecosystem drivers: toward an encompassing hypothesis of oak forest dynamics across eastern North America. <i>Ecography</i> , 2011, 34, 244-256.	4.5	323
45	Flowering phenology change and climate warming in southwestern Ohio. <i>Plant Ecology</i> , 2011, 212, 55-61.	1.6	34
46	Dynamics, diversity, and resource gradient relationships in the herbaceous layer of an old-growth Appalachian forest. <i>Plant Ecology</i> , 2011, 212, 1179-1191.	1.6	29
47	A multi-assay comparison of seed germination inhibition by <i>Lonicera maackii</i> and co-occurring native shrubs. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2010, 205, 475-483.	1.2	47
48	Potential interactions between invasive woody shrubs and the gypsy moth ( <i>Lymantria dispar</i> ), an invasive insect herbivore. <i>Biological Invasions</i> , 2009, 11, 1053-1058.	2.4	43
49	Leaf phenology and freeze tolerance of the invasive shrub Amur honeysuckle and potential native competitors. <i>Journal of the Torrey Botanical Society</i> , 2009, 136, 212-220.	0.3	89
50	Anthropogenic disturbance and the formation of oak savanna in central Kentucky, USA. <i>Journal of Biogeography</i> , 2008, 35, 965-975.	3.0	30
51	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. <i>Forest Ecology and Management</i> , 2008, 255, 1584-1594.	3.2	40
52	An experimental evaluation of fire history reconstruction using dendrochronology in white oak ( <i>Quercus alba</i> ). <i>Canadian Journal of Forest Research</i> , 2007, 37, 806-816.	1.7	22
53	Temporal and spatial patterns in fire occurrence during the establishment of mixed-oak forests in eastern North America. <i>Journal of Vegetation Science</i> , 2007, 18, 655-664.	2.2	75
54	Temporal and spatial patterns in fire occurrence during the establishment of mixed-oak forests in eastern North America. <i>Journal of Vegetation Science</i> , 2007, 18, 655.	2.2	15

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55	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
56	Dendroecology of American chestnut in a disjunct stand of oak–chestnut forest. Canadian Journal of Forest Research, 2006, 36, 1-11.	1.7	46
57	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
58	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
59	Oak seedling performance and soil development across a forest restoration chronosequence following agriculture in the American Midwest – a greenhouse experiment. Restoration Ecology, 0, , e13587.	2.9	0