James Scott MacIvor

List of Publications by Year
in descending order

38	3,513	236612	315357
papers	citations	25 h-index	38 g-index

39	39	39	3743
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biodiversity in the city: key challenges for urban green space management. Frontiers in Ecology and the Environment, 2017, 15, 189-196.	1.9	656
2	Biodiversity in the City: Fundamental Questions for Understanding the Ecology of Urban Green Spaces for Biodiversity Conservation. BioScience, 2017, 67, 799-807.	2.2	406
3	Plant Species and Functional Group Combinations Affect Green Roof Ecosystem Functions. PLoS ONE, 2010, 5, e9677.	1.1	263
4	Performance evaluation of native plants suited to extensive green roof conditions in a maritime climate. Ecological Engineering, 2011, 37, 407-417.	1.6	196
5	FORUM: Do green roofs help urban biodiversity conservation?. Journal of Applied Ecology, 2014, 51, 1643-1649.	1.9	196
6	Non-native species in urban environments: patterns, processes, impacts and challenges. Biological Invasions, 2017, 19, 3461-3469.	1.2	190
7	A roadmap for urban evolutionary ecology. Evolutionary Applications, 2019, 12, 384-398.	1.5	161
8	Insect species composition and diversity on intensive green roofs and adjacent level-ground habitats. Urban Ecosystems, 2011, 14, 225-241.	1.1	133
9	Are urban systems beneficial, detrimental, or indifferent for biological invasion?. Biological Invasions, 2017, 19, 3489-3503.	1.2	117
10	The contribution of constructed green infrastructure to urban biodiversity: A synthesis and metaâ€analysis. Journal of Applied Ecology, 2019, 56, 2131-2143.	1.9	110
11	The Necessity of Multitrophic Approaches in Community Ecology. Trends in Ecology and Evolution, 2018, 33, 754-764.	4.2	105
12	â€˜Bee Hotelsâ€™ as Tools for Native Pollinator Conservation: A Premature Verdict?. PLoS ONE, 2015, 10, e0122126.	1.1	97
13	Designing wildlife-inclusive cities that support human-animal co-existence. Landscape and Urban Planning, 2020, 200, 103817.	3.4	83
14	Decoupling factors affecting plant diversity and cover on extensive green roofs. Journal of Environmental Management, 2013, 130, 297-305.	3.8	68
15	Performance of dryland and wetland plant species on extensive green roofs. Annals of Botany, 2011, 107, 671-679.	1.4	65
16	Cavity-nest boxes for solitary bees: a century of design and research. Apidologie, 2017, 48, 311-327.	0.9	65
17	Exotics on exotics: Pollen analysis of urban bees visiting Sedum on a green roof. Urban Ecosystems, 2015, 18, 419-430.	1.1	56
18	Air temperature cooling by extensive green roofs in Toronto Canada. Ecological Engineering, 2016, 95, 36-42.	1.6	56

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19	A Research Agenda for Urban Biodiversity in the Global Extinction Crisis. BioScience, 2021, 71, 268-279.	2.2	51
20	Questioning public perception, conservation policy, and recovery actions for honeybees in North America. Conservation Biology, 2017, 31, 1202-1204.	2.4	48
21	Urban biodiversity: State of the science and future directions. Urban Ecosystems, 2022, 25, 1083-1096.	1.1	44
22	Phylogenetic diversity and plant trait composition predict multiple ecosystem functions in green roofs. Science of the Total Environment, 2018, 628-629, 1017-1026.	3.9	40
23	Bees collect polyurethane and polyethylene plastics as novel nest materials. Ecosphere, 2013, 4, 1-6.	1.0	36
24	The Green Roof Microbiome: Improving Plant Survival for Ecosystem Service Delivery. Frontiers in Ecology and Evolution, 2018, 6, .	1.1	36
25	The direct and indirect effects of extreme climate events on insects. Science of the Total Environment, 2021, 769, 145161.	3.9	34
26	The managed-to-invasive species continuum in social and solitary bees and impacts on native bee conservation. Current Opinion in Insect Science, 2021, 46, 43-49.	2.2	28
27	DNA barcoding to identify leaf preference of leafcutting bees. Royal Society Open Science, 2016, 3, 150623.	1.1	26
28	Invertebrates on Green Roofs. Ecological Studies, 2015, , 333-355.	0.4	24
29	Manipulating plant phylogenetic diversity for green roof ecosystem service delivery. Evolutionary Applications, 2018, 11, 2014-2024.	1.5	21
30	Honey bees are the dominant diurnal pollinator of native milkweed in a large urban park. Ecology and Evolution, 2017, 7, 8456-8462.	0.8	19
31	Urban forest invertebrates: how they shape and respond to the urban environment. Urban Ecosystems, 2022, 25, 1589-1609.	1.1	16
32	Urbanization and plant invasion alter the structure of litter microarthropod communities. Journal of Animal Ecology, 2020, 89, 2496-2507.	1.3	14
33	The Bees among Us: Modelling Occupancy of Solitary Bees. PLoS ONE, 2016, 11, e0164764.	1.1	14
34	Bee Species-Specific Nesting Material Attracts a Generalist Parasitoid: Implications for Co-occurring Bees in Nest Box Enhancements. Environmental Entomology, 2014, 43, 1027-1033.	0.7	13
35	Inter-annual thermoregulation of extensive green roofs in warm and cool seasons: Plant selection matters. Ecological Engineering, 2018, 123, 10-18.	1.6	10
36	Linking bacterial diversity to floral identity in the bumble bee pollen basket. Environmental DNA, 2021, 3, 669-680.	3.1	8

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37	Invasion theory as a management tool for increasing native biodiversity in urban ecosystems. Journal of Applied Ecology, 2021, 58, 2394-2403.	1.9	4
38	Reproductive trait differences drive offspring production in urban cavityâ€nesting bees and wasps. Ecology and Evolution, 2021, 11, 9932-9948.	0.8	3