# James Scott MacIvor

List of Publications by Year
in descending order



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|---|---|---|---|
| 38 papers | 3,513 citations | 236612 25 h-index | 315357 38 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 3743 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Urban biodiversity: State of the science and future directions. Urban Ecosystems, 2022, 25, 1083-1096. | 1.1 | 44 |
| 2 | Urban forest invertebrates: how they shape and respond to the urban environment. Urban Ecosystems, 2022, 25, 1589-1609. | 1.1 | 16 |
| 3 | A Research Agenda for Urban Biodiversity in the Global Extinction Crisis. BioScience, 2021, 71, 268-279. | 2.2 | 51 |
| 4 | Linking bacterial diversity to floral identity in the bumble bee pollen basket. Environmental DNA, 2021, 3, 669-680. | 3.1 | 8 |
| 5 | The direct and indirect effects of extreme climate events on insects. Science of the Total Environment, 2021, 769, 145161. | 3.9 | 34 |
| 6 | Reproductive trait differences drive offspring production in urban cavityâ€nesting bees and wasps. Ecology and Evolution, 2021, 11, 9932-9948. | 0.8 | 3 |
| 7 | Invasion theory as a management tool for increasing native biodiversity in urban ecosystems. Journal of Applied Ecology, 2021, 58, 2394-2403. | 1.9 | 4 |
| 8 | 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 |
| 9 | Urbanization and plant invasion alter the structure of litter microarthropod communities. Journal of Animal Ecology, 2020, 89, 2496-2507. | 1.3 | 14 |
| 10 | Designing wildlife-inclusive cities that support human-animal co-existence. Landscape and Urban Planning, 2020, 200, 103817. | 3.4 | 83 |
| 11 | 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 |
| 12 | A roadmap for urban evolutionary ecology. Evolutionary Applications, 2019, 12, 384-398. | 1.5 | 161 |
| 13 | 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 |
| 14 | Manipulating plant phylogenetic diversity for green roof ecosystem service delivery. Evolutionary Applications, 2018, 11, 2014-2024. | 1.5 | 21 |
| 15 | Inter-annual thermoregulation of extensive green roofs in warm and cool seasons: Plant selection matters. Ecological Engineering, 2018, 123, 10-18. | 1.6 | 10 |
| 16 | The Green Roof Microbiome: Improving Plant Survival for Ecosystem Service Delivery. Frontiers in Ecology and Evolution, 2018, 6, . | 1.1 | 36 |
| 17 | The Necessity of Multitrophic Approaches in Community Ecology. Trends in Ecology and Evolution, 2018, 33, 754-764. | 4.2 | 105 |
| 18 | Biodiversity in the city: key challenges for urban green space management. Frontiers in Ecology and the Environment, 2017, 15, 189-196. | 1.9 | 656 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Non-native species in urban environments: patterns, processes, impacts and challenges. Biological Invasions, 2017, 19, 3461-3469. | 1.2 | 190 |
| 20 | Are urban systems beneficial, detrimental, or indifferent for biological invasion?. Biological Invasions, 2017, 19, 3489-3503. | 1.2 | 117 |
| 21 | 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 |
| 22 | 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 |
| 23 | Cavity-nest boxes for solitary bees: a century of design and research. Apidologie, 2017, 48, 311-327. | 0.9 | 65 |
| 24 | Questioning public perception, conservation policy, and recovery actions for honeybees in North America. Conservation Biology, 2017, 31, 1202-1204. | 2.4 | 48 |
| 25 | Air temperature cooling by extensive green roofs in Toronto Canada. Ecological Engineering, 2016, 95, 36-42. | 1.6 | 56 |
| 26 | DNA barcoding to identify leaf preference of leafcutting bees. Royal Society Open Science, 2016, 3, 150623. | 1.1 | 26 |
| 27 | The Bees among Us: Modelling Occupancy of Solitary Bees. PLoS ONE, 2016, 11, e0164764. | 1.1 | 14 |
| 28 | â€˜Bee Hotelsâ€™ as Tools for Native Pollinator Conservation: A Premature Verdict?. PLoS ONE, 2015, 10, e0122126. | 1.1 | 97 |
| 29 | Exotics on exotics: Pollen analysis of urban bees visiting Sedum on a green roof. Urban Ecosystems, 2015, 18, 419-430. | 1.1 | 56 |
| 30 | Invertebrates on Green Roofs. Ecological Studies, 2015, , 333-355. | 0.4 | 24 |
| 31 | 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 |
| 32 | FORUM: Do green roofs help urban biodiversity conservation?. Journal of Applied Ecology, 2014, 51, 1643-1649. | 1.9 | 196 |
| 33 | Decoupling factors affecting plant diversity and cover on extensive green roofs. Journal of Environmental Management, 2013, 130, 297-305. | 3.8 | 68 |
| 34 | Bees collect polyurethane and polyethylene plastics as novel nest materials. Ecosphere, 2013, 4, 1-6. | 1.0 | 36 |
| 35 | Performance of dryland and wetland plant species on extensive green roofs. Annals of Botany, 2011, 107, 671-679. | 1.4 | 65 |
| 36 | Insect species composition and diversity on intensive green roofs and adjacent level-ground habitats. Urban Ecosystems, 2011, 14, 225-241. | 1.1 | 133 |

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|---|---|---|---|
| 37 | Performance evaluation of native plants suited to extensive green roof conditions in a maritime climate. Ecological Engineering, 2011, 37, 407-417. | 1.6 | 196 |
| 38 | Plant Species and Functional Group Combinations Affect Green Roof Ecosystem Functions. PLoS ONE, 2010, 5, e9677. | 1.1 | 263 |