

Matthew G E Mitchell

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,871
citations

331670

21
h-index

434195

31
g-index

36
all docs

36
docs citations

36
times ranked

3813
citing authors

#	ARTICLE	IF	CITATIONS
1	A global synthesis reveals biodiversity-mediated benefits for crop production. <i>Science Advances</i> , 2019, 5, eaax0121.	10.3	524
2	Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7863-E7870.	7.1	401
3	Reframing landscape fragmentation's effects on ecosystem services. <i>Trends in Ecology and Evolution</i> , 2015, 30, 190-198.	8.7	354
4	Linking Landscape Connectivity and Ecosystem Service Provision: Current Knowledge and Research Gaps. <i>Ecosystems</i> , 2013, 16, 894-908.	3.4	299
5	Assessing ecosystem service trade-offs and synergies: The need for a more mechanistic approach. <i>Ambio</i> , 2019, 48, 1116-1128.	5.5	137
6	Forest fragments modulate the provision of multiple ecosystem services. <i>Journal of Applied Ecology</i> , 2014, 51, 909-918.	4.0	128
7	The role of socio-economic factors in planning and managing urban ecosystem services. <i>Ecosystem Services</i> , 2018, 31, 102-110.	5.4	119
8	Evidence that organic farming promotes pest control. <i>Nature Sustainability</i> , 2018, 1, 361-368.	23.7	117
9	Increasing decision relevance of ecosystem service science. <i>Nature Sustainability</i> , 2021, 4, 161-169.	23.7	108
10	Strong and nonlinear effects of fragmentation on ecosystem service provision at multiple scales. <i>Environmental Research Letters</i> , 2015, 10, 094014.	5.2	93
11	Towards a Threat Assessment Framework for Ecosystem Services. <i>Trends in Ecology and Evolution</i> , 2017, 32, 240-248.	8.7	79
12	Agricultural landscape structure affects arthropod diversity and arthropod-derived ecosystem services. <i>Agriculture, Ecosystems and Environment</i> , 2014, 192, 144-151.	5.3	58
13	Identifying key ecosystem service providing areas to inform national-scale conservation planning. <i>Environmental Research Letters</i> , 2021, 16, 014038.	5.2	55
14	The effects of urban greenspace characteristics and socio-demographics vary among cultural ecosystem services. <i>Urban Forestry and Urban Greening</i> , 2020, 49, 126641.	5.3	48
15	Variability in ecosystem service measurement: a pollination service case study. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 414-422.	4.0	41
16	Plant interactions are unimportant in a subarctic alpine plant community. <i>Ecology</i> , 2009, 90, 2360-2367.	3.2	37
17	Bright spots in agricultural landscapes: Identifying areas exceeding expectations for multifunctionality and biodiversity. <i>Journal of Applied Ecology</i> , 2018, 55, 2731-2743.	4.0	35
18	The Montgic Connection: linking landscapes, biodiversity, and ecosystem services to improve decision making. <i>Ecology and Society</i> , 2015, 20, .	2.3	34

#	ARTICLE	IF	CITATIONS
19	Identification of fine scale and landscape scale drivers of urban aboveground carbon stocks using high-resolution modeling and mapping. <i>Science of the Total Environment</i> , 2018, 622-623, 57-70.	8.0	32
20	Using high-resolution LiDAR data to quantify the three-dimensional structure of vegetation in urban green space. <i>Urban Ecosystems</i> , 2016, 19, 1749-1765.	2.4	29
21	The Scale-Dependent Role of Biological Traits in Landscape Ecology: A Review. <i>Current Landscape Ecology Reports</i> , 2018, 3, 12-22.	2.2	24
22	Landscape structure influences urban vegetation vertical structure. <i>Journal of Applied Ecology</i> , 2016, 53, 1477-1488.	4.0	19
23	Modeling Yields Response to Shading in the Field-to-Forest Transition Zones in Heterogeneous Landscapes. <i>Agriculture (Switzerland)</i> , 2019, 9, 6.	3.1	18
24	Woody perennial polycultures in the U.S. Midwest enhance biodiversity and ecosystem functions. <i>Ecosphere</i> , 2022, 13, e03890.	2.2	10
25	Modules of reproduction in females of the dioecious shrub <i>Oemleria cerasiformis</i> . <i>Canadian Journal of Botany</i> , 2004, 82, 393-400.	1.1	9
26	Correlations and variance among species traits explain contrasting impacts of fragmentation and habitat loss on functional diversity. <i>Landscape Ecology</i> , 2020, 35, 2239-2253.	4.2	9
27	Ecosystem service coproduction across the zones of biosphere reserves in Europe. <i>Ecosystems and People</i> , 2021, 17, 491-506.	3.2	8
28	A user-inspired framework and tool for restoring multifunctional landscapes: putting into practice stakeholder and scientific knowledge of landscape services. <i>Landscape Ecology</i> , 2020, 35, 2535-2548.	4.2	7
29	Landscape Fragmentation and Ecosystem Services: A Reply to Andrieu et al.. <i>Trends in Ecology and Evolution</i> , 2015, 30, 634-635.	8.7	6
30	Spatial Correlations Don't Predict Changes in Agricultural Ecosystem Services: A Canada-Wide Case Study. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	3.9	6
31	Contrasting responses of soybean aphids, primary parasitoids, and hyperparasitoids to forest fragments and agricultural landscape structure. <i>Agriculture, Ecosystems and Environment</i> , 2022, 326, 107752.	5.3	5
32	The MontÃ©grie Connection: Understanding How Ecosystems Can Provide Resilience to the Risk of Ecosystem Service Change. , 2019, , 291-300.		0