

Felix Eigenbrod

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

7,170
citations

101543

36
h-index

76900

74
g-index

80
all docs

80
docs citations

80
times ranked

11228
citing authors

#	ARTICLE	IF	CITATIONS
1	Global hotspots of species richness are not congruent with endemism or threat. <i>Nature</i> , 2005, 436, 1016-1019.	27.8	993
2	Biodiversity and Resilience of Ecosystem Functions. <i>Trends in Ecology and Evolution</i> , 2015, 30, 673-684.	8.7	916
3	The impact of proxy-based methods on mapping the distribution of ecosystem services. <i>Journal of Applied Ecology</i> , 2010, 47, 377-385.	4.0	405
4	Is habitat fragmentation bad for biodiversity?. <i>Biological Conservation</i> , 2019, 230, 179-186.	4.1	329
5	Safe and just operating spaces for regional social-ecological systems. <i>Global Environmental Change</i> , 2014, 28, 227-238.	7.8	311
6	Spatial covariance between biodiversity and other ecosystem service priorities. <i>Journal of Applied Ecology</i> , 2009, 46, 888-896.	4.0	292
7	The impact of projected increases in urbanization on ecosystem services. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3201-3208.	2.6	229
8	Unpacking ecosystem service bundles: Towards predictive mapping of synergies and trade-offs between ecosystem services. <i>Global Environmental Change</i> , 2017, 47, 37-50.	7.8	229
9	The database of the <sc>PREDICTS</sc> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq1 1 0,784314 rgBT /Over 1.9 186	1.9	186
10	Balancing alternative land uses in conservation prioritization. , 2011, 21, 1419-1426.		183
11	Extinction filters mediate the global effects of habitat fragmentation on animals. <i>Science</i> , 2019, 366, 1236-1239.	12.6	164
12	The relative effects of road traffic and forest cover on anuran populations. <i>Biological Conservation</i> , 2008, 141, 35-46.	4.1	143
13	Quantifying the Road-Effect Zone: Threshold Effects of a Motorway on Anuran Populations in Ontario, Canada. <i>Ecology and Society</i> , 2009, 14, .	2.3	123
14	When, Where, and How Nature Matters for Ecosystem Services: Challenges for the Next Generation of Ecosystem Service Models. <i>BioScience</i> , 2017, 67, 820-833.	4.9	114
15	A framework for assessing threats and benefits to species responding to climate change. <i>Methods in Ecology and Evolution</i> , 2011, 2, 125-142.	5.2	109
16	Accessible habitat: an improved measure of the effects of habitat loss and roads on wildlife populations. <i>Landscape Ecology</i> , 2008, 23, 159-168.	4.2	107
17	Projected losses of global mammal and bird ecological strategies. <i>Nature Communications</i> , 2019, 10, 2279.	12.8	106
18	Ecosystem service benefits of contrasting conservation strategies in a human-dominated region. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2903-2911.	2.6	104

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19	Sub-optimal study design has major impacts on landscape-scale inference. <i>Biological Conservation</i> , 2011, 144, 298-305.	4.1	101
20	Global impacts of energy demand on the freshwater resources of nations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6707-16.	7.1	98
21	Reconciling biodiversity and carbon conservation. <i>Ecology Letters</i> , 2013, 16, 39-47.	6.4	96
22	Global trade-offs of functional redundancy and functional dispersion for birds and mammals. <i>Global Ecology and Biogeography</i> , 2019, 28, 484-495.	5.8	95
23	A systematic map of research exploring the effect of greenspace on mental health. <i>Landscape and Urban Planning</i> , 2020, 201, 103823.	7.5	94
24	A synthesis of the ecosystem services impact of second generation bioenergy crop production. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 46, 30-40.	16.4	84
25	Effects of surrounding urbanization on non-native flora in small forest patches. <i>Landscape Ecology</i> , 2007, 22, 589-599.	4.2	79
26	Error propagation associated with benefits transfer-based mapping of ecosystem services. <i>Biological Conservation</i> , 2010, 143, 2487-2493.	4.1	75
27	Impacts of rising temperatures and farm management practices on global yields of 18 crops. <i>Nature Food</i> , 2020, 1, 562-571.	14.0	70
28	Harmonised global datasets of wind and solar farm locations and power. <i>Scientific Data</i> , 2020, 7, 130.	5.3	69
29	Spatial covariation between freshwater and terrestrial ecosystem services. , 2011, 21, 2034-2048.		65
30	Vulnerability of ecosystems to climate change moderated by habitat intactness. <i>Global Change Biology</i> , 2015, 21, 275-286.	9.5	61
31	Incorporating geodiversity in ecosystem service decisions. <i>Ecosystems and People</i> , 2020, 16, 151-159.	3.2	51
32	Unravelling the interrelationships between ecosystem services and human wellbeing in the Bangladesh delta. <i>International Journal of Sustainable Development and World Ecology</i> , 2017, 24, 120-134.	5.9	48
33	Operationalizing safe operating space for regional social-ecological systems. <i>Science of the Total Environment</i> , 2017, 584-585, 673-682.	8.0	48
34	What is macroecology?. <i>Biology Letters</i> , 2012, 8, 904-906.	2.3	47
35	Do ecosystem service maps and models meet stakeholders'™ needs? A preliminary survey across sub-Saharan Africa. <i>Ecosystem Services</i> , 2016, 18, 110-117.	5.4	47
36	Global evidence of positive impacts of freshwater biodiversity on fishery yields. <i>Global Ecology and Biogeography</i> , 2016, 25, 553-562.	5.8	44

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37	An analytical framework for spatially targeted management of natural capital. <i>Nature Sustainability</i> , 2019, 2, 90-97.	23.7	44
38	A simple landscape design framework for biodiversity conservation. <i>Landscape and Urban Planning</i> , 2015, 136, 13-27.	7.5	41
39	Bioenergy with Carbon Capture and Storage (BECCS): Finding the win-win size matters. <i>GCB Bioenergy</i> , 2020, 12, 586-604.	5.6	41
40	Forest damage by deer depends on cross-scale interactions between climate, deer density and landscape structure. <i>Journal of Applied Ecology</i> , 2020, 57, 1376-1390.	4.0	40
41	The influence of temporal variation on relationships between ecosystem services. <i>Biodiversity and Conservation</i> , 2011, 20, 3285-3294.	2.6	36
42	Redefining Landscape Structure for Ecosystem Services. <i>Current Landscape Ecology Reports</i> , 2016, 1, 80-86.	2.2	32
43	Implementing land-use and ecosystem service effects into an integrated bioenergy value chain optimisation framework. <i>Computers and Chemical Engineering</i> , 2016, 91, 392-406.	3.8	30
44	Participatory modelling for conceptualizing social-ecological system dynamics in the Bangladesh delta. <i>Regional Environmental Change</i> , 2020, 20, 1.	2.9	30
45	<scp>BIOFRAG</scp> â€“ a new database for analyzing <scp>BIO</scp>diversity responses to forest <scp>FRAG</scp>mentation. <i>Ecology and Evolution</i> , 2014, 4, 1524-1537.	1.9	29
46	Incorporating fine-scale environmental heterogeneity into broad-scale models. <i>Methods in Ecology and Evolution</i> , 2019, 10, 767-778.	5.2	29
47	Identifying Agricultural Frontiers for Modeling Global Cropland Expansion. <i>One Earth</i> , 2020, 3, 504-514.	6.8	29
48	A Continental-Scale Validation of Ecosystem Service Models. <i>Ecosystems</i> , 2019, 22, 1902-1917.	3.4	28
49	The influence of the global electric power system on terrestrial biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26078-26084.	7.1	27
50	Bridging the gap between energy and the environment. <i>Energy Policy</i> , 2016, 92, 181-189.	8.8	26
51	â€œphotosearcherâ€ package in R: An accessible and reproducible method for harvesting large datasets from Flickr. <i>SoftwareX</i> , 2020, 12, 100624.	2.6	26
52	The current and future uses of machine learning in ecosystem service research. <i>Science of the Total Environment</i> , 2021, 799, 149263.	8.0	25
53	Criminals by necessity: the risky life of charcoal transporters in Malawi. <i>Forests Trees and Livelihoods</i> , 2015, 24, 259-274.	1.2	24
54	Ensembles of ecosystem service models can improve accuracy and indicate uncertainty. <i>Science of the Total Environment</i> , 2020, 747, 141006.	8.0	23

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55	Connecting governance interventions to ecosystem services provision: A social-ecological network approach. <i>People and Nature</i> , 2021, 3, 266-280.	3.7	23
56	Effects of methodology and stakeholder disaggregation on ecosystem service valuation. <i>Ecology and Society</i> , 2014, 19, .	2.3	22
57	Predicted wind and solar energy expansion has minimal overlap with multiple conservation priorities across global regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	22
58	Enriching social media data allows a more robust representation of cultural ecosystem services. <i>Ecosystem Services</i> , 2021, 50, 101328.	5.4	21
59	Ecological distinctiveness of birds and mammals at the global scale. <i>Global Ecology and Conservation</i> , 2020, 22, e00970.	2.1	19
60	Trade-off decisions in ecosystem management for poverty alleviation. <i>Ecological Economics</i> , 2021, 187, 107103.	5.7	19
61	Representation of ecosystem services by tiered conservation strategies. <i>Conservation Letters</i> , 2010, 3, 184-191.	5.7	18
62	Recent trends of human wellbeing in the Bangladesh delta. <i>Environmental Development</i> , 2016, 17, 21-32.	4.1	18
63	Scaling up from protected areas in England: The value of establishing large conservation areas. <i>Biological Conservation</i> , 2017, 212, 279-287.	4.1	17
64	Reddit: A novel data source for cultural ecosystem service studies. <i>Ecosystem Services</i> , 2021, 50, 101331.	5.4	16
65	Geodiversity Supports Cultural Ecosystem Services: an Assessment Using Social Media. <i>Geoheritage</i> , 2022, 14, 1.	2.8	15
66	A Synthesis is Emerging between Biodiversity-Ecosystem Function and Ecological Resilience Research: Reply to Mori. <i>Trends in Ecology and Evolution</i> , 2016, 31, 89-92.	8.7	14
67	Scale dependency in drivers of outdoor recreation in England. <i>People and Nature</i> , 2019, 1, 406-416.	3.7	14
68	Land-use change from food to energy: meta-analysis unravels effects of bioenergy on biodiversity and cultural ecosystem services. <i>Environmental Research Letters</i> , 2021, 16, 113005.	5.2	13
69	Reducing uncertainty in ecosystem service modelling through weighted ensembles. <i>Ecosystem Services</i> , 2022, 53, 101398.	5.4	12
70	Ecosystem service coproduction across the zones of biosphere reserves in Europe. <i>Ecosystems and People</i> , 2021, 17, 491-506.	3.2	8
71	Regional variability in landscape effects on forest bird communities. <i>Landscape Ecology</i> , 2020, 35, 1055-1071.	4.2	6
72	Applying the stress-gradient hypothesis to curb the spread of invasive bamboo. <i>Journal of Applied Ecology</i> , 2021, 58, 1993-2003.	4.0	5

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73	Spatial covariance of ecosystem services and poverty in China. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2017, 13, 422-433.	2.9	5
74	Ignoring the spatial structure of the sea cucumber <i>Isostichopus fuscus</i> distribution when granting quotas can be costly. <i>Ocean and Coastal Management</i> , 2019, 178, 104859.	4.4	4
75	Modelling tree growth to determine the sustainability of current off-take from miombo woodland: a case study from rural villages in Malawi. <i>Environmental Conservation</i> , 2017, 44, 66-73.	1.3	3
76	Assessing the Welfare Impacts of Forest Ecosystem Service Management Policies and Their Distributional Rules. <i>Frontiers in Forests and Global Change</i> , 2022, 5, .	2.3	1
77	Macroecology meets IPBES. <i>Frontiers of Biogeography</i> , 2016, 7, .	1.8	0
78	Response to Kabisch and Colleagues. <i>BioScience</i> , 2018, 68, 167-168.	4.9	0