

Erik J Nelson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

6,827
citations

24
h-index

51
g-index

51
ext. papers

7,584
ext. citations

6.2
avg, IF

5.38
L-index

#	Paper	IF	Citations
40	Environmental, economic, and energetic costs and benefits of biodiesel and ethanol biofuels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 11206-10	11.5	1918
39	Modeling multiple ecosystem services, biodiversity conservation, commodity production, and tradeoffs at landscape scales. <i>Frontiers in Ecology and the Environment</i> , 2009 , 7, 4-11	5.5	1455
38	Where to put things? Spatial land management to sustain biodiversity and economic returns. <i>Biological Conservation</i> , 2008 , 141, 1505-1524	6.2	465
37	Projected land-use change impacts on ecosystem services in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7492-7	11.5	412
36	The Impact of Land-Use Change on Ecosystem Services, Biodiversity and Returns to Landowners: A Case Study in the State of Minnesota. <i>Environmental and Resource Economics</i> , 2011 , 48, 219-242	4.4	407
35	Efficiency of incentives to jointly increase carbon sequestration and species conservation on a landscape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 9471-6	11.5	262
34	Climate change and health costs of air emissions from biofuels and gasoline. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 2077-82	11.5	247
33	CONSERVING SPECIES IN A WORKING LANDSCAPE: LAND USE WITH BIOLOGICAL AND ECONOMIC OBJECTIVES 2005 , 15, 1387-1401		220
32	Bioenergy and Wildlife: Threats and Opportunities for Grassland Conservation. <i>BioScience</i> , 2009 , 59, 767-777	5.7	184
31	Preparing for and managing change: climate adaptation for biodiversity and ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2013 , 11, 502-510	5.5	152
30	Projecting global land-use change and its effect on ecosystem service provision and biodiversity with simple models. <i>PLoS ONE</i> , 2010 , 5, e14327	3.7	144
29	Climate change impact on key ecosystem services and the human well-being they support in the US. <i>Frontiers in Ecology and the Environment</i> , 2013 , 11, 483-893	5.5	109
28	Economic-based projections of future land use in the conterminous United States under alternative policy scenarios 2012 , 22, 1036-49		102
27	Implementing the optimal provision of ecosystem services. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6248-53	11.5	100
26	Uncertainty in ecosystem services valuation and implications for assessing land use tradeoffs: An agricultural case study in the Minnesota River Basin. <i>Ecological Economics</i> , 2012 , 79, 71-79	5.6	93
25	The efficiency of voluntary incentive policies for preventing biodiversity loss. <i>Resources and Energy Economics</i> , 2011 , 33, 192-211	3.2	92
24	Conserving small natural features with large ecological roles: A synthetic overview. <i>Biological Conservation</i> , 2017 , 211, 88-95	6.2	73

23	Voting on open space: What explains the appearance and support of municipal-level open space conservation referenda in the United States?. <i>Ecological Economics</i> , 2007 , 62, 580-593	5.6	61
22	Maximising return on conservation investment in the conterminous USA. <i>Ecology Letters</i> , 2012 , 15, 1249-1256	6.0	60
21	Modelling ecosystem services in terrestrial systems. <i>F1000 Biology Reports</i> , 2010 , 2, 53		51
20	Cost-effective Land Use Planning: Optimizing Land Use and Land Management Patterns to Maximize Social Benefits. <i>Ecological Economics</i> , 2017 , 139, 75-90	5.6	43
19	Are investments to promote biodiversity conservation and ecosystem services aligned?. <i>Oxford Review of Economic Policy</i> , 2012 , 28, 139-163	6.3	39
18	Evaluating the return in ecosystem services from investment in public land acquisitions. <i>PLoS ONE</i> , 2013 , 8, e62202	3.7	38
17	Future fire emissions associated with projected land use change in Sumatra. <i>Global Change Biology</i> , 2015 , 21, 345-62	11.4	24
16	Voluntary sustainability standards could significantly reduce detrimental impacts of global agriculture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 2130-2137	11.5	13
15	Managing small natural features: A synthesis of economic issues and emergent opportunities. <i>Biological Conservation</i> , 2017 , 211, 80-87	6.2	11
14	Identifying the impacts of critical habitat designation on land cover change. <i>Resources and Energy Economics</i> , 2017 , 47, 89-125	3.2	7
13	Using landscape metrics to characterize towns along an urban-rural gradient. <i>Landscape Ecology</i> , 2021 , 36, 2937-2956	4.3	6
12	CARBON CREDITS COMPETE POORLY WITH AGRICULTURAL COMMODITIES IN AN OPTIMIZED MODEL OF LAND USE IN NORTHERN CALIFORNIA. <i>Climate Change Economics</i> , 2016 , 07, 1650009	0.9	5
11	Commercial Plant Production and Consumption Still Follow the Latitudinal Gradient in Species Diversity despite Economic Globalization. <i>PLoS ONE</i> , 2016 , 11, e0163002	3.7	5
10	The provisioning value of timber and non-timber forest products 2011 , 129-149		5
9	Estimating the Impact of Ride-Hailing App Company Entry on Public Transportation Use in Major US Urban Areas. <i>B E Journal of Economic Analysis and Policy</i> , 2019 , 19,	0.7	5
8	Nature-based tourism and recreation 2011 , 188-205		4
7	Poverty and the distribution of ecosystem services 2011 , 278-295		3
6	Provisioning and regulatory ecosystem service values in agriculture 2011 , 150-167		2

- 5 The distributional impact of a green payment policy for organic fruit. *PLoS ONE*, **2019**, 14, e0211199 3.7 1
- 4 The hidden value of trees: Quantifying the ecosystem services of tree lineages and their major threats across the contiguous US **2022**, 1, e0000010 0
- 3 Modeling Terrestrial Ecosystem Services **2013**, 347-361
- 2 Conserving species in a working landscape: land use with biological and economic objectives **2001**, 501-530
- 1 Measuring the relative importance of different agricultural inputs to global and regional crop yield growth since 1975. *F1000Research*, **5**, 2930 3.6