

Daniel Karp

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

4,775
citations

172457

29
h-index

133252

59
g-index

65
all docs

65
docs citations

65
times ranked

6320
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	When natural habitat fails to enhance biological pest control – Five hypotheses. <i>Biological Conservation</i> , 2016, 204, 449-458.	4.1	388
4	Hydraulic diversity of forests regulates ecosystem resilience during drought. <i>Nature</i> , 2018, 561, 538-541.	27.8	332
5	Forest bolsters bird abundance, pest control and coffee yield. <i>Ecology Letters</i> , 2013, 16, 1339-1347.	6.4	322
6	Functional traits in agriculture: agrobiodiversity and ecosystem services. <i>Trends in Ecology and Evolution</i> , 2015, 30, 531-539.	8.7	274
7	Predicting biodiversity change and averting collapse in agricultural landscapes. <i>Nature</i> , 2014, 509, 213-217.	27.8	263
8	Intensive agriculture erodes biodiversity at large scales. <i>Ecology Letters</i> , 2012, 15, 963-970.	6.4	262
9	Loss of avian phylogenetic diversity in neotropical agricultural systems. <i>Science</i> , 2014, 345, 1343-1346.	12.6	197
10	Key knowledge gaps to achieve global sustainability goals. <i>Nature Sustainability</i> , 2019, 2, 1115-1121.	23.7	193
11	Bird and bat predation services in tropical forests and agroforestry landscapes. <i>Biological Reviews</i> , 2016, 91, 1081-1101.	10.4	182
12	Climate change and habitat conversion favour the same species. <i>Ecology Letters</i> , 2016, 19, 1081-1090.	6.4	118
13	Resilience and stability in bird guilds across tropical countryside. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 21134-21139.	7.1	86
14	Cascading effects of insectivorous birds and bats in tropical coffee plantations. <i>Ecology</i> , 2014, 95, 1065-1074.	3.2	83
15	Comanaging fresh produce for nature conservation and food safety. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11126-11131.	7.1	79
16	The eco-evolutionary impacts of domestication and agricultural practices on wild species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160033.	4.0	65
17	Agriculture erases climate-driven biodiversity in Neotropical bird communities. <i>Global Change Biology</i> , 2018, 24, 338-349.	9.5	60
18	Landscape simplification increases vineyard pest outbreaks and insecticide use. <i>Ecology Letters</i> , 2021, 24, 73-83.	6.4	56

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19	Agricultural practices for food safety threaten pest control services for fresh produce. <i>Journal of Applied Ecology</i> , 2016, 53, 1402-1412.	4.0	51
20	The Unintended Ecological and Social Impacts of Food Safety Regulations in California's Central Coast Region. <i>BioScience</i> , 2015, 65, 1173-1183.	4.9	47
21	Sound the stressor: how Hoatzins (<i>Opisthocomus hoazin</i>) react to ecotourist conversation. <i>Biodiversity and Conservation</i> , 2009, 18, 3733-3742.	2.6	45
22	Bird services and disservices to strawberry farming in Californian agricultural landscapes. <i>Journal of Applied Ecology</i> , 2019, 56, 1948-1959.	4.0	43
23	Approaching human-animal relationships from multiple angles: A synthetic perspective. <i>Biological Conservation</i> , 2018, 224, 50-62.	4.1	35
24	Measuring What Matters: Actionable Information for Conservation Biocontrol in Multifunctional Landscapes. <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, .	3.9	34
25	Organic farming promotes biotic resistance to foodborne human pathogens. <i>Journal of Applied Ecology</i> , 2019, 56, 1117-1127.	4.0	34
26	The Good, the Bad, and the Risky: Can Birds Be Incorporated as Biological Control Agents into Integrated Pest Management Programs?. <i>Journal of Integrated Pest Management</i> , 2020, 11, .	2.0	33
27	Confronting and resolving competing values behind conservation objectives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11132-11137.	7.1	32
28	Understanding the pathways from biodiversity to agro-ecological outcomes: A new, interactive approach. <i>Agriculture, Ecosystems and Environment</i> , 2020, 301, 107053.	5.3	32
29	Inconsistent food safety pressures complicate environmental conservation for California produce growers. <i>California Agriculture</i> , 2016, 70, 142-151.	0.8	32
30	Species traits elucidate crop pest response to landscape composition: a global analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202116.	2.6	30
31	Role of soil in the regulation of human and plant pathogens: soils' contributions to people. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200179.	4.0	30
32	Shifts in species interactions and farming contexts mediate net effects of birds in agroecosystems. <i>Ecological Applications</i> , 2020, 30, e02115.	3.8	29
33	Can avian functional traits predict cultural ecosystem services?. <i>People and Nature</i> , 2020, 2, 138-151.	3.7	28
34	Experimental field enclosure of birds and bats in agricultural systems – Methodological insights, potential improvements, and cost-benefit trade-offs. <i>Basic and Applied Ecology</i> , 2019, 35, 1-12.	2.7	26
35	Natural habitat increases natural pest control in olive groves: economic implications. <i>Journal of Pest Science</i> , 2019, 92, 1111-1121.	3.7	25
36	Evolving Food Safety Pressures in California's Central Coast Region. <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, .	3.9	25

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37	Models of natural pest control: Towards predictions across agricultural landscapes. <i>Biological Control</i> , 2021, 163, 104761.	3.0	22
38	Iconic manakins and despicable grackles: Comparing cultural ecosystem services and disservices across stakeholders in Costa Rica. <i>Ecological Indicators</i> , 2019, 106, 105454.	6.3	19
39	Cascading effects of composts and cover crops on soil chemistry, bacterial communities and the survival of foodborne pathogens. <i>Journal of Applied Microbiology</i> , 2021, 131, 1564-1577.	3.1	18
40	Molecular diagnosis of bird-mediated pest consumption in tropical farmland. <i>SpringerPlus</i> , 2014, 3, 630.	1.2	16
41	Avian cultural services peak in tropical wet forests. <i>Conservation Letters</i> , 2021, 14, e12763.	5.7	16
42	The "Sweet Spot" in the Middle: Why Do Mid-Scale Farms Adopt Diversification Practices at Higher Rates?. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	16
43	Genetic variation reveals individual-level climate tracking across the annual cycle of a migratory bird. <i>Ecology Letters</i> , 2021, 24, 819-828.	6.4	15
44	Conversational Noise Reduction as a Win-Win for Ecotourists and Rain Forest Birds in Peru. <i>Biotropica</i> , 2011, 43, 122-130.	1.6	14
45	Species-specific responses to habitat conversion across scales synergistically restructure Neotropical bird communities. <i>Ecological Applications</i> , 2019, 29, e01910.	3.8	14
46	Semi-natural habitat surrounding farms promotes multifunctionality in avian ecosystem services. <i>Journal of Applied Ecology</i> , 2022, 59, 898-908.	4.0	13
47	Remnant forest in Costa Rican working landscapes fosters bird communities that are indistinguishable from protected areas. <i>Journal of Applied Ecology</i> , 2019, 56, 1839-1849.	4.0	12
48	Nonrandom extinction patterns can modulate pest control service decline. <i>Ecological Applications</i> , 2013, 23, 840-849.	3.8	11
49	Archetype models upscale understanding of natural pest control response to land-use change. <i>Ecological Applications</i> , 2022, 32, .	3.8	11
50	Do correlated responses to multiple environmental changes exacerbate or mitigate species loss?. <i>Oikos</i> , 2018, 127, 1724-1734.	2.7	8
51	Social-ecological feedbacks drive tipping points in farming system diversification. <i>One Earth</i> , 2022, 5, 283-292.	6.8	8
52	The causes and consequences of pest population variability in agricultural landscapes. <i>Ecological Applications</i> , 2022, 32, e2607.	3.8	8
53	Eco-xenophobia among rural populations: the Great-tailed Grackle as a contested species in Guanacaste, Costa Rica. <i>Human Dimensions of Wildlife</i> , 2019, 24, 332-348.	1.8	7
54	Complex landscapes stabilize farm bird communities and their expected ecosystem services. <i>Journal of Applied Ecology</i> , 2022, 59, 927-941.	4.0	7

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55	A trait-based framework for predicting foodborne pathogen risk from wild birds. <i>Ecological Applications</i> , 2022, 32, e2523.	3.8	7
56	Precipitation and tree cover gradients structure avian alpha diversity in North-western Costa Rica. <i>Diversity and Distributions</i> , 2019, 25, 1222-1233.	4.1	6
57	A hierarchical N-mixture model to estimate behavioral variation and a case study of Neotropical birds. <i>Ecological Applications</i> , 2022, 32, e2632.	3.8	5
58	Nature's bounties: reliance on pollinators for health. <i>Lancet, The</i> , 2015, 386, 1925-1927.	13.7	2
59	Interactive effects of multiscale diversification practices on farmland bird stress. <i>Conservation Biology</i> , 2022, 36, .	4.7	1
60	Reply to Kirchhoff: Homogenous and mutually exclusive conservation typologies are neither possible nor desirable. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5906-E5906.	7.1	0
61	Species-specific responses to habitat conversion across scales synergistically restructure Neotropical bird communities. <i>Bulletin of the Ecological Society of America</i> , 2019, 100, e01559.	0.2	0
62	Feedlot Association Increases Food Safety Risk Associated with Wild Birds. <i>Bulletin of the Ecological Society of America</i> , 2022, 103, .	0.2	0