

Gretchen C Daily

List of Publications by Citations

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Version: 2024-04-28

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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.

104
papers

19,725
citations

56
h-index

110
g-index

110
ext. papers

23,536
ext. citations

11.8
avg. IF

6.63
L-index

#	Paper	IF	Citations
104	Biodiversity loss and its impact on humanity. <i>Nature</i> , 2012 , 486, 59-67	50.4	3613
103	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
102	Ecosystem services in decision making: time to deliver. <i>Frontiers in Ecology and the Environment</i> , 2009 , 7, 21-28	5.5	1215
101	The Nature and Value of Ecosystem Services: An Overview Highlighting Hydrologic Services. <i>Annual Review of Environment and Resources</i> , 2007 , 32, 67-98	17.2	793
100	Improvements in ecosystem services from investments in natural capital. <i>Science</i> , 2016 , 352, 1455-9	33.3	686
99	Natural capital and ecosystem services informing decisions: From promise to practice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7348-55	11.5	539
98	Ecosystem services: from theory to implementation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 9455-6	11.5	506
97	The impacts of nature experience on human cognitive function and mental health. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1249, 118-36	6.5	501
96	Ecosystem consequences of bird declines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 18042-7	11.5	497
95	Economic value of tropical forest to coffee production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 12579-82	11.5	492
94	Are We Consuming Too Much?. <i>Journal of Economic Perspectives</i> , 2004 , 18, 147-172	9.9	463
93	Integrating ecosystem-service tradeoffs into land-use decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 7565-70	11.5	437
92	Sustainable intensification of agriculture for human prosperity and global sustainability. <i>Ambio</i> , 2017 , 46, 4-17	6.5	424
91	Disappearance of insectivorous birds from tropical forest fragments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 263-7	11.5	392
90	Nature and mental health: An ecosystem service perspective. <i>Science Advances</i> , 2019 , 5, eaax0903	14.3	391
89	Social-ecological systems as complex adaptive systems: modeling and policy implications. <i>Environment and Development Economics</i> , 2013 , 18, 111-132	1.8	381
88	Notes from the field: Lessons learned from using ecosystem service approaches to inform real-world decisions. <i>Ecological Economics</i> , 2015 , 115, 11-21	5.6	357

87	Nature experience reduces rumination and subgenual prefrontal cortex activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8567-72	11.5	354
86	The benefits of nature experience: Improved affect and cognition. <i>Landscape and Urban Planning</i> , 2015 , 138, 41-50	7.7	339
85	Social norms as solutions. <i>Science</i> , 2016 , 354, 42-43	33.3	314
84	The Ecosystem Services Framework and Natural Capital Conservation. <i>Environmental and Resource Economics</i> , 2008 , 39, 25-35	4.4	303
83	COUNTRYSIDE BIOGEOGRAPHY: USE OF HUMAN-DOMINATED HABITATS BY THE AVIFAUNA OF SOUTHERN COSTA RICA 2001 , 11, 1-13		292
82	Strengthening protected areas for biodiversity and ecosystem services in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 1601-1606	11.5	283
81	Countryside Biogeography of Neotropical Mammals: Conservation Opportunities in Agricultural Landscapes of Costa Rica. <i>Conservation Biology</i> , 2003 , 17, 1814-1826	6	259
80	Countryside Biogeography of Moths in a Fragmented Landscape: Biodiversity in Native and Agricultural Habitats. <i>Conservation Biology</i> , 2001 , 15, 378-388	6	254
79	Forest bolsters bird abundance, pest control and coffee yield. <i>Ecology Letters</i> , 2013 , 16, 1339-47	10	235
78	Predicting biodiversity change and averting collapse in agricultural landscapes. <i>Nature</i> , 2014 , 509, 213-7	50.4	223
77	Persistence of forest birds in the Costa Rican agricultural countryside. <i>Conservation Biology</i> , 2007 , 21, 482-94	6	186
76	Social Norms and Global Environmental Challenges: The Complex Interaction of Behaviors, Values, and Policy. <i>BioScience</i> , 2013 , 63, 164-175	5.7	156
75	Conservation of tropical forest birds in countryside habitats. <i>Ecology Letters</i> , 2002 , 5, 121-129	10	153
74	Loss of avian phylogenetic diversity in neotropical agricultural systems. <i>Science</i> , 2014 , 345, 1343-6	33.3	152
73	Benefits, costs, and livelihood implications of a regional payment for ecosystem service program. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16681-6	11.5	148
72	Institutional incentives for managing the landscape: Inducing cooperation for the production of ecosystem services. <i>Ecological Economics</i> , 2007 , 64, 333-343	5.6	141
71	Global modeling of nature's contributions to people. <i>Science</i> , 2019 , 366, 255-258	33.3	137
70	Water funds and payments for ecosystem services: practice learns from theory and theory can learn from practice. <i>Oryx</i> , 2012 , 46, 55-63	1.5	129

69	A protocol for eliciting nonmaterial values through a cultural ecosystem services frame. <i>Conservation Biology</i> , 2015 , 29, 575-86	6	109
68	Countryside Biogeography of Tropical Butterflies. <i>Conservation Biology</i> , 2003 , 17, 168-177	6	109
67	Using ecosystem service trade-offs to inform water conservation policies and management practices. <i>Frontiers in Ecology and the Environment</i> , 2016 , 14, 527-532	5.5	101
66	Predictive model for sustaining biodiversity in tropical countryside. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16313-6	11.5	87
65	Climate change and habitat conversion favour the same species. <i>Ecology Letters</i> , 2016 , 19, 1081-90	10	85
64	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	5.7	83
63	Optimal design of agricultural landscapes for pollination services. <i>Conservation Letters</i> , 2008 , 1, 27-36	6.9	81
62	Reply to Sridhar: Agricultural landscapes remain an essential front for biodiversity conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, E35-E35	11.5	78
61	Our future in the Anthropocene biosphere. <i>Ambio</i> , 2021 , 50, 834-869	6.5	78
60	Impacts of conservation and human development policy across stakeholders and scales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7396-401	11.5	76
59	Using gross ecosystem product (GEP) to value nature in decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 14593-14601	11.5	74
58	Using return-on-investment to guide restoration: a case study from Hawaii. <i>Conservation Letters</i> , 2008 , 1, 236-243	6.9	73
57	Role of economics in analyzing the environment and sustainable development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 5233-5238	11.5	72
56	Conservation of Insect Diversity: a Habitat Approach. <i>Conservation Biology</i> , 2000 , 14, 1788-1797	6	72
55	Thermal niche predicts tolerance to habitat conversion in tropical amphibians and reptiles. <i>Global Change Biology</i> , 2015 , 21, 3901-16	11.4	68
54	Realizing the values of natural capital for inclusive, sustainable development: Informing China's new ecological development strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 8623-8628	11.5	67
53	COUNTRYSIDE BIOGEOGRAPHY OF NEOTROPICAL HERBACEOUS AND SHRUBBY PLANTS 2005 , 15, 423-439		62
52	The diversity and conservation of plant reproductive and dispersal functional traits in human-dominated tropical landscapes. <i>Journal of Ecology</i> , 2006 , 94, 522-536	6	61

51	Forest structure influences on rainfall partitioning and cloud interception: A comparison of native forest sites in Kona, Hawaii. <i>Agricultural and Forest Meteorology</i> , 2010 , 150, 265-275	5.8	59
50	Quantifying and sustaining biodiversity in tropical agricultural landscapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14544-14551	11.5	57
49	Disease ecology, health and the environment: a framework to account for ecological and socio-economic drivers in the control of neglected tropical diseases. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	55
48	GLOBAL CHANGE AND HUMAN SUSCEPTIBILITY TO DISEASE. <i>Annual Review of Environment and Resources</i> , 1996 , 21, 125-144		43
47	Intensive farming drives long-term shifts in avian community composition. <i>Nature</i> , 2020 , 579, 393-396	50.4	41
46	A global test of ecoregions. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1889-1896	12.3	40
45	Long-term declines in bird populations in tropical agricultural countryside. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9903-9912	11.5	39
44	Business strategies for conservation on private lands: Koa forestry as a case study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10140-5	11.5	36
43	An ecosystem service perspective on urban nature, physical activity, and health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	34
42	Impacts of development and global change on the epidemiological environment. <i>Environment and Development Economics</i> , 1996 , 1, 311-346	1.8	32
41	Distribution of Ground-dwelling Arthropods in Tropical Countryside Habitats. <i>Journal of Insect Conservation</i> , 2002 , 6, 83-91	2.1	31
40	Seeking the great transition. <i>Nature</i> , 2000 , 403, 243-5	50.4	31
39	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, 11132-7	11.5	29
38	Land cover effects on groundwater recharge in the tropics: ecohydrologic mechanisms. <i>Ecohydrology</i> , 2012 , 5, 435-444	2.5	28
37	Increasing decision relevance of ecosystem service science. <i>Nature Sustainability</i> , 2021 , 4, 161-169	22.1	27
36	Potential evapotranspiration from forest and pasture in the tropics: A case study in Kona, Hawaii. <i>Journal of Hydrology</i> , 2012 , 440-441, 52-61	6	24
35	Assessing the conservation value of a human-dominated island landscape: Plant diversity in Hawaii. <i>Biodiversity and Conservation</i> , 2008 , 17, 1765-1781	3.4	23
34	Tropical countryside riparian corridors provide critical habitat and connectivity for seed-dispersing forest birds in a fragmented landscape. <i>Journal of Ornithology</i> , 2015 , 156, 343-353	1.5	21

33	Impacts of Land-Use Change on Groundwater Supply: Ecosystem Services Assessment in Kona, Hawaii. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015 , 141,	2.8	21
32	Land-use change has host-specific influences on avian gut microbiomes. <i>ISME Journal</i> , 2020 , 14, 318-321	11.9	20
31	Social dimensions of fertility behavior and consumption patterns in the Anthropocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6300-6307	11.5	17
30	Time and space catch up with restoration programs that ignore ecosystem service trade-offs. <i>Science Advances</i> , 2021 , 7,	14.3	17
29	Knowledge of and attitudes toward population growth and the environment: university students in Costa Rica and the United States. <i>Environmental Conservation</i> , 1999 , 26, 66-74	3.3	15
28	Pollen Carried by Native and Nonnative Bees in the Large-Scale Reforestation of Pastureland in Hawai'i Implications for Pollination. <i>Pacific Science</i> , 2015 , 69, 67-79	0.9	13
27	Does Poverty Matter in Payment for Ecosystem Services Program? Participation in the New Stage Sloping Land Conversion Program. <i>Sustainability</i> , 2018 , 10, 1888	3.6	12
26	Mapping the benefits of nature in cities with the INVEST software. <i>Npj Urban Sustainability</i> , 2021 , 1,		12
25	Anthropogenic impacts on Costa Rican bat parasitism are sex specific. <i>Ecology and Evolution</i> , 2016 , 6, 4898-909	2.8	12
24	WTO must ban harmful fisheries subsidies. <i>Science</i> , 2021 , 374, 544	33.3	11
23	Forest restoration and parasitoid wasp communities in montane Hawai'i. <i>PLoS ONE</i> , 2013 , 8, e59356	3.7	10
22	Eco-environmental impacts of dams in the Yangtze River Basin, China. <i>Science of the Total Environment</i> , 2021 , 774, 145743	10.2	10
21	Molecular diagnosis of bird-mediated pest consumption in tropical farmland. <i>SpringerPlus</i> , 2014 , 3, 630		8
20	Affective Benefits of Nature Contact: The Role of Rumination. <i>Frontiers in Psychology</i> , 2021 , 12, 643866	3.4	8
19	Four priorities for new links between conservation science and accounting research. <i>Conservation Biology</i> , 2019 , 33, 972-975	6	8
18	The biogeography of ecoregions: Descriptive power across regions and taxa. <i>Journal of Biogeography</i> , 2020 , 47, 1413-1426	4.1	6
17	Predicting effects of large-scale reforestation on native and exotic birds. <i>Diversity and Distributions</i> , 2018 , 24, 811-819	5	6
16	Strategic basin and delta planning increases the resilience of the Mekong Delta under future uncertainty. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6

15	An Introduction to the Economics of Natural Capital. <i>Review of Environmental Economics and Policy</i> , 2021 , 15, 87-94	6	4
14	Reply to Bridgewater and Babin: Need for a new protected area category for ecosystem services. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4319-E4320	11.5	3
13	Biodiversity and infrastructure interact to drive tourism to and within Costa Rica.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2107662119	11.5	3
12	Natural capital approaches: shifting the UN Decade on Ecosystem Restoration from aspiration to reality. <i>Restoration Ecology</i> ,	3.1	2
11	Blending Ecosystem Service and Resilience Perspectives in Planning of Natural Infrastructure: Lessons from the San Francisco Bay Area. <i>Frontiers in Environmental Science</i> , 2021 , 9,	4.8	2
10	Maintaining the Many Societal Benefits of Rangelands: The Case of Hawai'i. <i>Land</i> , 2021 , 10, 764	3.5	2
9	CropPol: a dynamic, open and global database on crop pollination.. <i>Ecology</i> , 2021 , e3614	4.6	2
8	Deep Learning Segmentation of Satellite Imagery Identifies Aquatic Vegetation Associated with Snail Intermediate Hosts of Schistosomiasis in Senegal, Africa. <i>Remote Sensing</i> , 2022 , 14, 1345	5	2
7	Reply to Yang et al.: Coastal wetlands are not well represented by protected areas for endangered birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E5493	11.5	1
6	Nature's bounties: reliance on pollinators for health. <i>Lancet, The</i> , 2015 , 386, 1925-1927	40	1
5	Spatial assessment of flow and benefit of tropical cyclone hazard mitigation service. <i>Progress in Physical Geography</i> ,030913332110376	3.5	0
4	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	11.5	
3	Donald Kennedy (1931-2020). <i>Science</i> , 2020 , 368, 1062-1062	33.3	
2	Everyday Biodiversity 2020 , 51-58		
1	Scaling Pathways for Inclusive Green Growth 2019 , 17-27		