Lucas Joppa

List of Publications by Year
in descending order

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63	10,048	94433 37	123424 61
papers	citations	h-index	g-index

63	63	63	14405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A metric for spatially explicit contributions to science-based species targets. Nature Ecology and Evolution, 2021, 5, 836-844.	7.8	61
2	Digitizing a sustainable future. One Earth, 2021, 4, 768-771.	6.8	11
3	Microsoftâ€™s million-tonne CO2-removal purchase â€” lessons for net zero. Nature, 2021, 597, 629-632.	27.8	42
4	Sentiment Analysis of Conservation Studies Captures Successes of Species Reintroductions. Patterns, 2020, 1, 100005.	5.9	5
5	The IPBES Global Assessment: Pathways to Action. Trends in Ecology and Evolution, 2020, 35, 407-414.	8.7	77
6	Data Science for Earth. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2020, 22, 4-7.	4.0	2
7	Measuring Terrestrial Area of Habitat (AOH) and Its Utility for the IUCN Red List. Trends in Ecology and Evolution, 2019, 34, 977-986.	8.7	181
8	Identifying technology solutions to bring conservation into the innovation era. Frontiers in Ecology and the Environment, 2019, 17, 591-598.	4.0	13
9	A Call for International Leadership and Coordination to Realize the Potential of Conservation Technology. BioScience, 2019, 69, 823-832.	4.9	21
10	A Global Deal For Nature: Guiding principles, milestones, and targets. Science Advances, 2019, 5, eaaw2869.	10.3	477
11	Deep Reinforcement Learning for Green Security Games with Real-Time Information. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 1401-1408.	4.9	20
12	The architecture of mutualistic networks as an evolutionary spandrel. Nature Ecology and Evolution, 2018, 2, 94-99.	7.8	63
13	The case for technology investments in the environment. Nature, 2017, 552, 325-328.	27.8	33
14	Counting complete? Finalising the plant inventory of a global biodiversity hotspot. PeerJ, 2017, 5, e2984.	2.0	15
15	Quantifying the relative irreplaceability of important bird and biodiversity areas. Conservation Biology, 2016, 30, 392-402.	4.7	24
16	Impact of alternative metrics on estimates of extent of occurrence for extinction risk assessment. Conservation Biology, 2016, 30, 362-370.	4.7	67
17	Threatened or Data Deficient: assessing the conservation status of poorly known species. Diversity and Distributions, 2016, 22, 558-565.	4.1	55
18	Filling in biodiversity threat gaps. Science, 2016, 352, 416-418.	12.6	194

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19	Projecting Global Biodiversity Indicators under Future Development Scenarios. Conservation Letters, 2016, 9, 5-13.	5.7	182
20	Toward a national, sustained U.S. ecosystem assessment. Science, 2016, 354, 838-839.	12.6	15
21	Government: Plan for ecosystem services. Science, 2016, 351, 1037-1037.	12.6	71
22	Shortfalls and Solutions for Meeting National and Global Conservation Area Targets. Conservation Letters, 2015, 8, 329-337.	5.7	350
23	Network structure beyond food webs: mapping nonâ€trophic and trophic interactions on Chilean rocky shores. Ecology, 2015, 96, 291-303.	3.2	168
24	Scientists and software â€“ surveying the species distribution modelling community. Diversity and Distributions, 2015, 21, 258-267.	4.1	58
25	Scenarios of future land use change around United Statesâ€™ protected areas. Biological Conservation, 2015, 184, 446-455.	4.1	89
26	Building robust conservation plans. Conservation Biology, 2015, 29, 503-512.	4.7	9
27	Emerging Technologies to Conserve Biodiversity. Trends in Ecology and Evolution, 2015, 30, 685-696.	8.7	240
28	Estimating the normal background rate of species extinction. Conservation Biology, 2015, 29, 452-462.	4.7	410
29	Changing How Earth System Modeling is Done to Provide More Useful Information for Decision Making, Science, and Society. Bulletin of the American Meteorological Society, 2014, 95, 1453-1464.	3.3	34
30	Biophysical suitability, economic pressure and land-cover change: a global probabilistic approach and insights for REDD+. Sustainability Science, 2014, 9, 129-141.	4.9	11
31	Functional traits, landâ€use change and the structure of present and future bird communities in tropical forests. Global Ecology and Biogeography, 2014, 23, 1073-1084.	5.8	31
32	The biodiversity of species and their rates of extinction, distribution, and protection. Science, 2014, 344, 1246752.	12.6	2,295
33	Further evidence of more taxonomists discovering new species, and that most species have been named: response to Bebber etÂal. (2014). New Phytologist, 2014, 202, 739-740.	7.3	18
34	Mapping Change in Human Pressure Globally on Land and within Protected Areas. Conservation Biology, 2014, 28, 1604-1616.	4.7	186
35	Using species distribution models to inform IUCN Red List assessments. Biological Conservation, 2014, 177, 174-184.	4.1	116
36	Remaining natural vegetation in the global biodiversity hotspots. Biological Conservation, 2014, 177, 12-24.	4.1	171

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37	Achieving the Convention on Biological Diversityâ€™s Goals for Plant Conservation. Science, 2013, 341, 1100-1103.	12.6	119
38	Troubling Trends in Scientific Software Use. Science, 2013, 340, 814-815.	12.6	151
39	Modeling the Building Blocks of Biodiversity. PLoS ONE, 2013, 8, e56277.	2.5	9
40	A Network Extension of Species Occupancy Models in a Patchy Environment Applied to the Yosemite Toad (Anaxyrus canorus). PLoS ONE, 2013, 8, e72200.	2.5	14
41	Taxonomy that matters: response to Bacher. Trends in Ecology and Evolution, 2012, 27, 66.	8.7	10
42	What we know and donâ€™t know about Earth's missing biodiversity. Trends in Ecology and Evolution, 2012, 27, 501-510.	8.7	321
43	More than a mealâ€¦ integrating nonâ€feeding interactions into food webs. Ecology Letters, 2012, 15, 291-300.	6.4	320
44	Population Change in and around Protected Areas. Journal of Ecological Anthropology, 2012, 15, 58-64.	0.2	8
45	The effect of dreissenid invasions on chlorophyll and the chlorophyllâ€‰:â€‰total phosphorus ratio in north-temperate lakes. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 319-329.	1.4	42
46	Global protected area impacts. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1633-1638.	2.6	331
47	The population ecology and social behaviour of taxonomists. Trends in Ecology and Evolution, 2011, 26, 551-553.	8.7	96
48	The influence of single elements on nested community structure. Methods in Ecology and Evolution, 2011, 2, 541-549.	5.2	6
49	Constraints to Speciesâ€™ Elevational Range Shifts as Climate Changes. Conservation Biology, 2011, 25, 163-171.	4.7	98
50	Thermal Tolerance, Range Expansion, and Status of Tropical Amphibians: Reply to Catenazzi. Conservation Biology, 2011, 25, 426-427.	4.7	0
51	Biodiversity hotspots house most undiscovered plant species. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13171-13176.	7.1	214
52	How many species of flowering plants are there?. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 554-559.	2.6	191
53	Introduction: Human migration to protected area edges in Africa and Latin America: Questioning large-scale statistical analysis. Conservation and Society, 2011, 9, 1.	0.8	17
54	Measuring Population Growth around Tropical Protected Areas: Current Issues and Solutions. Tropical Conservation Science, 2010, 3, 117-121.	1.2	8

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55	Reassessing the forest impacts of protection. Annals of the New York Academy of Sciences, 2010, 1185, 135-149.	3.8	170
56	Representation of Global and National Conservation Priorities by Colombia's Protected Area Network. PLoS ONE, 2010, 5, e13210.	2.5	68
57	High and Far: Biases in the Location of Protected Areas. PLoS ONE, 2009, 4, e8273.	2.5	749
58	Journal club. Nature, 2009, 459, 619-619.	27.8	0
59	Reciprocal specialization in ecological networks. Ecology Letters, 2009, 12, 961-969.	6.4	42
60	Expansion of the global terrestrial protected area system. Biological Conservation, 2009, 142, 2166-2174.	4.1	446
61	On Population Growth Near Protected Areas. PLoS ONE, 2009, 4, e4279.	2.5	101
62	Understanding movement data and movement processes: current and emerging directions. Ecology Letters, 2008, 11, 1338-1350.	6.4	317
63	On the protection of â€œprotected areasâ€. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6673-6678.	7.1	385