

Piero Visconti

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

9,161
citations

61945

43
h-index

76872

74
g-index

86
all docs

86
docs citations

86
times ranked

12541
citing authors

#	ARTICLE	IF	CITATIONS
1	Conservation needs to integrate knowledge across scales. <i>Nature Ecology and Evolution</i> , 2022, 6, 118-119.	3.4	40
2	Toward resilient food systems after COVID-19. <i>Current Research in Environmental Sustainability</i> , 2022, 4, 100110.	1.7	3
3	Bridging the research-implementation gap in IUCN Red List assessments. <i>Trends in Ecology and Evolution</i> , 2022, 37, 359-370.	4.2	58
4	Include biodiversity representation indicators in area-based conservation targets. <i>Nature Ecology and Evolution</i> , 2022, 6, 123-126.	3.4	29
5	Global forest management data for 2015 at a 100% resolution. <i>Scientific Data</i> , 2022, 9, 199.	2.4	30
6	The global exposure of species ranges and protected areas to forest management. <i>Diversity and Distributions</i> , 2022, 28, 1487-1496.	1.9	6
7	Achieving global biodiversity goals by 2050 requires urgent and integrated actions. <i>One Earth</i> , 2022, 5, 597-603.	3.6	57
8	Reply to: Restoration prioritization must be informed by marginalized people. <i>Nature</i> , 2022, 607, E7-E9.	13.7	5
9	Biases of Odonata in Habitats Directive: Trends, trend drivers, and conservation status of European threatened Odonata. <i>Insect Conservation and Diversity</i> , 2021, 14, 1-14.	1.4	5
10	How many bird and mammal extinctions has recent conservation action prevented?. <i>Conservation Letters</i> , 2021, 14, e12762.	2.8	113
11	Indicators keep progress honest: A call to track both the quantity and quality of protected areas. <i>One Earth</i> , 2021, 4, 901-906.	3.6	15
12	Detecting ecological thresholds for biodiversity in tropical forests: Knowledge gaps and future directions. <i>Biotropica</i> , 2021, 53, 1276-1289.	0.8	6
13	Mammal assemblage composition predicts global patterns in emerging infectious disease risk. <i>Global Change Biology</i> , 2021, 27, 4995-5007.	4.2	5
14	Using the IUCN Red List to map threats to terrestrial vertebrates at global scale. <i>Nature Ecology and Evolution</i> , 2021, 5, 1510-1519.	3.4	75
15	Areas of global importance for conserving terrestrial biodiversity, carbon and water. <i>Nature Ecology and Evolution</i> , 2021, 5, 1499-1509.	3.4	147
16	The mismeasure of conservation. <i>Trends in Ecology and Evolution</i> , 2021, 36, 808-821.	4.2	47
17	Integrated spatial planning for biodiversity conservation and food production. <i>One Earth</i> , 2021, 4, 1635-1644.	3.6	14
18	Set ambitious goals for biodiversity and sustainability. <i>Science</i> , 2020, 370, 411-413.	6.0	225

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19	Global priority areas for ecosystem restoration. <i>Nature</i> , 2020, 586, 724-729.	13.7	489
20	Area-based conservation in the twenty-first century. <i>Nature</i> , 2020, 586, 217-227.	13.7	438
21	A global map of terrestrial habitat types. <i>Scientific Data</i> , 2020, 7, 256.	2.4	85
22	Bending the curve of terrestrial biodiversity needs an integrated strategy. <i>Nature</i> , 2020, 585, 551-556.	13.7	413
23	Anthropogenic modification of forests means only 40% of remaining forests have high ecosystem integrity. <i>Nature Communications</i> , 2020, 11, 5978.	5.8	188
24	A practical approach to measuring the biodiversity impacts of land conversion. <i>Methods in Ecology and Evolution</i> , 2020, 11, 910-921.	2.2	13
25	Projected Global Loss of Mammal Habitat Due to Land-Use and Climate Change. <i>One Earth</i> , 2020, 2, 578-585.	3.6	46
26	The global cropland-sparing potential of high-yield farming. <i>Nature Sustainability</i> , 2020, 3, 281-289.	11.5	121
27	Synergies between the key biodiversity area and systematic conservation planning approaches. <i>Conservation Letters</i> , 2019, 12, e12625.	2.8	46
28	A bold successor to Aichi Target 11â€™Response. <i>Science</i> , 2019, 365, 650-651.	6.0	10
29	Sixty years of tracking conservation progress using the World Database on Protected Areas. <i>Nature Ecology and Evolution</i> , 2019, 3, 737-743.	3.4	58
30	Protected area targets post-2020. <i>Science</i> , 2019, 364, 239-241.	6.0	269
31	Protecting half of the planet could directly affect over one billion people. <i>Nature Sustainability</i> , 2019, 2, 1094-1096.	11.5	121
32	Climate change vulnerability assessment of species. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2019, 10, e551.	3.6	255
33	A framework for the identification of hotspots of climate change risk for mammals. <i>Global Change Biology</i> , 2018, 24, 1626-1636.	4.2	45
34	A protocol for an intercomparison of biodiversity and ecosystem services models using harmonized land-use and climate scenarios. <i>Geoscientific Model Development</i> , 2018, 11, 4537-4562.	1.3	61
35	Speciesâ€™ traits influenced their response to recent climate change. <i>Nature Climate Change</i> , 2017, 7, 205-208.	8.1	272
36	Setting population targets for mammals using body mass as a predictor of population persistence. <i>Conservation Biology</i> , 2017, 31, 385-393.	2.4	25

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37	Assessing the suitability of diversity metrics to detect biodiversity change. <i>Biological Conservation</i> , 2017, 213, 341-350.	1.9	92
38	Contrasting changes in the abundance and diversity of North American bird assemblages from 1971 to 2010. <i>Global Change Biology</i> , 2016, 22, 3948-3959.	4.2	79
39	Quantifying the relative irreplaceability of important bird and biodiversity areas. <i>Conservation Biology</i> , 2016, 30, 392-402.	2.4	24
40	Filling in biodiversity threat gaps. <i>Science</i> , 2016, 352, 416-418.	6.0	194
41	Synergies and trade-offs in achieving global biodiversity targets. <i>Conservation Biology</i> , 2016, 30, 189-195.	2.4	36
42	Projecting Global Biodiversity Indicators under Future Development Scenarios. <i>Conservation Letters</i> , 2016, 9, 5-13.	2.8	182
43	Making parks make a difference: poor alignment of policy, planning and management with protected-area impact, and ways forward. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140280.	1.8	133
44	Scenarios of large mammal loss in Europe for the 21 st century. <i>Conservation Biology</i> , 2015, 29, 1028-1036.	2.4	23
45	Climate change modifies risk of global biodiversity loss due to land-cover change. <i>Biological Conservation</i> , 2015, 187, 103-111.	1.9	189
46	High-Resolution Assessment of Land Use Impacts on Biodiversity in Life Cycle Assessment Using Species Habitat Suitability Models. <i>Environmental Science & Technology</i> , 2015, 49, 2237-2244.	4.6	47
47	Shortfalls and Solutions for Meeting National and Global Conservation Area Targets. <i>Conservation Letters</i> , 2015, 8, 329-337.	2.8	350
48	Why do we map threats? Linking threat mapping with actions to make better conservation decisions. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 91-99.	1.9	187
49	Assessing species vulnerability to climate change. <i>Nature Climate Change</i> , 2015, 5, 215-224.	8.1	856
50	Integrating climate change vulnerability assessments from species distribution models and trait-based approaches. <i>Biological Conservation</i> , 2015, 190, 167-178.	1.9	70
51	Building robust conservation plans. <i>Conservation Biology</i> , 2015, 29, 503-512.	2.4	9
52	Fire policy optimization to maximize suitable habitat for locally rare species under different climatic conditions: A case study of antelopes in the Kruger National Park. <i>Biological Conservation</i> , 2015, 191, 313-321.	1.9	7
53	Socio-economic and ecological impacts of global protected area expansion plans. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140284.	1.8	34
54	A framework to identify enabling and urgent actions for the 2020 Aichi Targets. <i>Basic and Applied Ecology</i> , 2014, 15, 633-638.	1.2	58

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55	A Retrospective Evaluation of the Global Decline of Carnivores and Ungulates. <i>Conservation Biology</i> , 2014, 28, 1109-1118.	2.4	109
56	A mid-term analysis of progress toward international biodiversity targets. <i>Science</i> , 2014, 346, 241-244.	6.0	949
57	EU agricultural reform fails on biodiversity. <i>Science</i> , 2014, 344, 1090-1092.	6.0	449
58	Update or Outdate: Long-term Viability of the IUCN Red List. <i>Conservation Letters</i> , 2014, 7, 126-130.	2.8	96
59	Effects of Errors and Gaps in Spatial Data Sets on Assessment of Conservation Progress. <i>Conservation Biology</i> , 2013, 27, 1000-1010.	2.4	61
60	Achieving the Convention on Biological Diversity's Goals for Plant Conservation. <i>Science</i> , 2013, 341, 1100-1103.	6.0	119
61	Cheap and Nasty? The Potential Perils of Using Management Costs to Identify Global Conservation Priorities. <i>PLoS ONE</i> , 2013, 8, e80893.	1.1	20
62	Global habitat suitability models of terrestrial mammals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2633-2641.	1.8	240
63	A systematic approach for prioritizing multiple management actions for invasive species. <i>Biological Invasions</i> , 2011, 13, 1241-1253.	1.2	57
64	What spatial data do we need to develop global mammal conservation strategies?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2623-2632.	1.8	99
65	Future hotspots of terrestrial mammal loss. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2693-2702.	1.8	107
66	Governance factors in the identification of global conservation priorities for mammals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2661-2669.	1.8	59
67	Reconciling global mammal prioritization schemes into a strategy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2722-2728.	1.8	16
68	Habitat vulnerability in conservation planning "when it matters and how much. <i>Conservation Letters</i> , 2010, 3, 404-414.	2.8	28
69	Conservation planning with dynamic threats: The role of spatial design and priority setting for species persistence. <i>Biological Conservation</i> , 2010, 143, 756-767.	1.9	75
70	Using connectivity metrics in conservation planning "when does habitat quality matter?. <i>Diversity and Distributions</i> , 2009, 15, 602-612.	1.9	56
71	Generation length for mammals. <i>Nature Conservation</i> , 0, 5, 89-94.	0.0	144