

Thomas M Brooks

List of Publications by Year in descending order

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Version: 2024-02-01

158
papers

27,764
citations

13099

68
h-index

10445

139
g-index

166
all docs

166
docs citations

166
times ranked

25356
citing authors

#	ARTICLE	IF	CITATIONS
1	Over half of threatened species require targeted recovery actions to avert human-induced extinction. <i>Frontiers in Ecology and the Environment</i> , 2023, 21, 64-70.	4.0	19
2	Prevalence of sustainable and unsustainable use of wild species inferred from the IUCN Red List of Threatened Species. <i>Conservation Biology</i> , 2022, 36, .	4.7	25
3	Bridging the research-implementation gap in IUCN Red List assessments. <i>Trends in Ecology and Evolution</i> , 2022, 37, 359-370.	8.7	58
4	Subnational assessment of threats to Indian biodiversity and habitat restoration opportunities. <i>Environmental Research Letters</i> , 2022, 17, 054022.	5.2	6
5	Quantifying and categorising national extinction-risk footprints. <i>Scientific Reports</i> , 2022, 12, 5861.	3.3	9
6	A global reptile assessment highlights shared conservation needs of tetrapods. <i>Nature</i> , 2022, 605, 285-290.	27.8	130
7	Reply to: Restoration prioritization must be informed by marginalized people. <i>Nature</i> , 2022, 607, E7-E9.	27.8	5
8	A robust goal is needed for species in the Post-2020 Global Biodiversity Framework. <i>Conservation Letters</i> , 2021, 14, e12778.	5.7	26
9	Defining "science-based targets". <i>National Science Review</i> , 2021, 8, nwaa186.	9.5	26
10	How many bird and mammal extinctions has recent conservation action prevented?. <i>Conservation Letters</i> , 2021, 14, e12762.	5.7	113
11	Four steps for the Earth: mainstreaming the post-2020 global biodiversity framework. <i>One Earth</i> , 2021, 4, 75-87.	6.8	65
12	The Natura 2000 network and the ranges of threatened species in Greece. <i>Biodiversity and Conservation</i> , 2021, 30, 945-961.	2.6	19
13	Applied biodiversity science in China in the global context. <i>National Science Review</i> , 2021, 8, nwab059.	9.5	2
14	A metric for spatially explicit contributions to science-based species targets. <i>Nature Ecology and Evolution</i> , 2021, 5, 836-844.	7.8	61
15	Testing a global standard for quantifying species recovery and assessing conservation impact. <i>Conservation Biology</i> , 2021, 35, 1833-1849.	4.7	51
16	Conservation actions benefit the most threatened species: A 13-year assessment of Alliance for Zero Extinction species. <i>Conservation Science and Practice</i> , 2021, 3, e510.	2.0	7
17	Scientific foundations for an ecosystem goal, milestones and indicators for the post-2020 global biodiversity framework. <i>Nature Ecology and Evolution</i> , 2021, 5, 1338-1349.	7.8	70
18	Batch-produced, GIS-informed range maps for birds based on provenanced, crowd-sourced data inform conservation assessments. <i>PLoS ONE</i> , 2021, 16, e0259299.	2.5	10

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19	Identifying science-policy consensus regions of high biodiversity value and institutional recognition. <i>Global Ecology and Conservation</i> , 2021, 32, e01938.	2.1	7
20	Net positive outcomes for nature. <i>Nature Ecology and Evolution</i> , 2020, 4, 4-7.	7.8	52
21	Global priority areas for ecosystem restoration. <i>Nature</i> , 2020, 586, 724-729.	27.8	489
22	Global assessment of critical forest and landscape restoration needs for threatened terrestrial vertebrate species. <i>Global Ecology and Conservation</i> , 2020, 24, e01359.	2.1	4
23	Deforestation leakage undermines conservation value of tropical and subtropical forest protected areas. <i>Global Ecology and Biogeography</i> , 2020, 29, 2014-2024.	5.8	41
24	Mapping nature's contribution to SDG 6 and implications for other SDGs at policy relevant scales. <i>Remote Sensing of Environment</i> , 2020, 239, 111671.	11.0	54
25	Synergies between the key biodiversity area and systematic conservation planning approaches. <i>Conservation Letters</i> , 2019, 12, e12625.	5.7	46
26	A bold successor to Aichi Target 11â€™Response. <i>Science</i> , 2019, 365, 650-651.	12.6	10
27	Measuring Terrestrial Area of Habitat (AOH) and Its Utility for the IUCN Red List. <i>Trends in Ecology and Evolution</i> , 2019, 34, 977-986.	8.7	181
28	Unshifting the baseline: a framework for documenting historical population changes and assessing long-term anthropogenic impacts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190220.	4.0	31
29	Assessing global popularity and threats to Important Bird and Biodiversity Areas using social media data. <i>Science of the Total Environment</i> , 2019, 683, 617-623.	8.0	36
30	Sixty years of tracking conservation progress using the World Database on Protected Areas. <i>Nature Ecology and Evolution</i> , 2019, 3, 737-743.	7.8	58
31	Protected area targets post-2020. <i>Science</i> , 2019, 364, 239-241.	12.6	269
32	Identifying global centers of unsustainable commercial harvesting of species. <i>Science Advances</i> , 2019, 5, eaau2879.	10.3	61
33	Species diversity as a surrogate for conservation of phylogenetic and functional diversity in terrestrial vertebrates across the Americas. <i>Nature Ecology and Evolution</i> , 2019, 3, 53-61.	7.8	45
34	Scenarios and Models to Support Global Conservation Targets. <i>Trends in Ecology and Evolution</i> , 2019, 34, 57-68.	8.7	66
35	National Consumption and Global Trade Impacts on Biodiversity. <i>World Development</i> , 2019, 121, 178-187.	4.9	56
36	Quantifying species recovery and conservation success to develop an IUCN Green List of Species. <i>Conservation Biology</i> , 2018, 32, 1128-1138.	4.7	167

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37	Land Use Intensity-Specific Global Characterization Factors to Assess Product Biodiversity Footprints. <i>Environmental Science & Technology</i> , 2018, 52, 5094-5104.	10.0	117
38	A global analysis of management capacity and ecological outcomes in terrestrial protected areas. <i>Conservation Letters</i> , 2018, 11, e12434.	5.7	120
39	Evolutionary time drives global tetrapod diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172378.	2.6	32
40	Environmental variation is a major predictor of global trait turnover in mammals. <i>Journal of Biogeography</i> , 2018, 45, 225-237.	3.0	17
41	Engaging end-users to inform the development of the global standard for the identification of key biodiversity areas. <i>Environmental Science and Policy</i> , 2018, 89, 273-282.	4.9	5
42	Moment of truth for the Cerrado hotspot. <i>Nature Ecology and Evolution</i> , 2017, 1, 99.	7.8	535
43	The signature of human pressure history on the biogeography of body mass in tetrapods. <i>Global Ecology and Biogeography</i> , 2017, 26, 1022-1034.	5.8	28
44	Blueprints of Effective Biodiversity and Conservation Knowledge Products That Support Marine Policy. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	17
45	Geography of current and future global mammal extinction risk. <i>PLoS ONE</i> , 2017, 12, e0186934.	2.5	34
46	Assessing the Cost of Global Biodiversity and Conservation Knowledge. <i>PLoS ONE</i> , 2016, 11, e0160640.	2.5	65
47	Biodiversity: The ravages of guns, nets and bulldozers. <i>Nature</i> , 2016, 536, 143-145.	27.8	1,271
48	Species and functional diversity accumulate differently in mammals. <i>Global Ecology and Biogeography</i> , 2016, 25, 1119-1130.	5.8	103
49	Bolder science needed now for protected areas. <i>Conservation Biology</i> , 2016, 30, 243-248.	4.7	149
50	Determinants of bird conservation action implementation and associated population trends of threatened species. <i>Conservation Biology</i> , 2016, 30, 1338-1346.	4.7	17
51	Quantifying the relative irreplaceability of important bird and biodiversity areas. <i>Conservation Biology</i> , 2016, 30, 392-402.	4.7	24
52	Analysing biodiversity and conservation knowledge products to support regional environmental assessments. <i>Scientific Data</i> , 2016, 3, 160007.	5.3	67
53	Projecting Global Biodiversity Indicators under Future Development Scenarios. <i>Conservation Letters</i> , 2016, 9, 5-13.	5.7	182
54	The IUCN Red List of Ecosystems: Motivations, Challenges, and Applications. <i>Conservation Letters</i> , 2015, 8, 214-226.	5.7	141

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55	Future habitat loss and extinctions driven by land-use change in biodiversity hotspots under four scenarios of climate-change mitigation. <i>Conservation Biology</i> , 2015, 29, 1122-1131.	4.7	141
56	The Importance and Benefits of Species. <i>Current Biology</i> , 2015, 25, R431-R438.	3.9	92
57	Shortfalls and Solutions for Meeting National and Global Conservation Area Targets. <i>Conservation Letters</i> , 2015, 8, 329-337.	5.7	350
58	A practical guide to the application of the IUCN Red List of Ecosystems criteria. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140003.	4.0	92
59	Harnessing biodiversity and conservation knowledge products to track the Aichi Targets and Sustainable Development Goals. <i>Biodiversity</i> , 2015, 16, 157-174.	1.1	67
60	A Biodiversity Indicators Dashboard: Addressing Challenges to Monitoring Progress towards the Aichi Biodiversity Targets Using Disaggregated Global Data. <i>PLoS ONE</i> , 2014, 9, e112046.	2.5	56
61	Targeting Global Protected Area Expansion for Imperiled Biodiversity. <i>PLoS Biology</i> , 2014, 12, e1001891.	5.6	430
62	Mind the gaps. <i>Nature</i> , 2014, 516, 336-337.	27.8	20
63	The biodiversity of species and their rates of extinction, distribution, and protection. <i>Science</i> , 2014, 344, 1246752.	12.6	2,295
64	IPBES & IPCC. Trends in Ecology and Evolution, 2014, 29, 543-545.	8.7	70
65	Imputation of missing data in life-history trait datasets: which approach performs the best?. <i>Methods in Ecology and Evolution</i> , 2014, 5, 961-970.	5.2	258
66	A horizon scan of global conservation issues for 2014. <i>Trends in Ecology and Evolution</i> , 2014, 29, 15-22.	8.7	120
67	Spatially Explicit Trends in the Global Conservation Status of Vertebrates. <i>PLoS ONE</i> , 2014, 9, e113934.	2.5	73
68	Protected Areas and Effective Biodiversity Conservation. <i>Science</i> , 2013, 342, 803-805.	12.6	417
69	Conservation: Forest Fragments, Facts, and Fallacies. <i>Current Biology</i> , 2013, 23, R1098-R1101.	3.9	17
70	Hot moments for biodiversity conservation. <i>Conservation Letters</i> , 2013, 6, 58-65.	5.7	44
71	Scientific Foundations for an IUCN Red List of Ecosystems. <i>PLoS ONE</i> , 2013, 8, e62111.	2.5	383
72	Global Biodiversity Conservation and the Alleviation of Poverty. <i>BioScience</i> , 2012, 62, 85-92.	4.9	138

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73	Impacts of incentives to reduce emissions from deforestation on global species extinctions. <i>Nature Climate Change</i> , 2012, 2, 350-355.	18.8	99
74	Protecting Important Sites for Biodiversity Contributes to Meeting Global Conservation Targets. <i>PLoS ONE</i> , 2012, 7, e32529.	2.5	237
75	Conserving Critical Sites for Biodiversity Provides Disproportionate Benefits to People. <i>PLoS ONE</i> , 2012, 7, e36971.	2.5	35
76	The identification of sites of biodiversity conservation significance: progress with the application of a global standards. <i>Journal of Threatened Taxa</i> , 2012, 04, 2733-2744.	0.3	23
77	Patterns of extinction risk and threat for marine vertebrates and habitat-forming species in the Tropical Eastern Pacific. <i>Marine Ecology - Progress Series</i> , 2012, 448, 93-104.	1.9	51
78	Complete, accurate, mammalian phylogenies aid conservation planning, but not much. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2652-2660.	4.0	59
79	Global Biodiversity Conservation: The Critical Role of Hotspots. , 2011, , 3-22.		821
80	Reconciling global mammal prioritization schemes into a strategy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2722-2728.	4.0	16
81	Biodiversity: Blessing Not Blunder. <i>BioScience</i> , 2011, 61, 254-254.	4.9	0
82	A standard for species. <i>Nature</i> , 2010, 467, 540-541.	27.8	16
83	How similar are national red lists and the IUCN Red List?. <i>Biological Conservation</i> , 2010, 143, 1154-1158.	4.1	90
84	The Impact of Conservation on the Status of the World's Vertebrates. <i>Science</i> , 2010, 330, 1503-1509.	12.6	1,209
85	Conservation planning and priorities. , 2010, , 199-219.		20
86	Warfare in Biodiversity Hotspots. <i>Conservation Biology</i> , 2009, 23, 578-587.	4.7	238
87	Evaluating the Success of Conservation Actions in Safeguarding Tropical Forest Biodiversity. <i>Conservation Biology</i> , 2009, 23, 1448-1457.	4.7	91
88	A protected areas calling card. <i>Trends in Ecology and Evolution</i> , 2009, 24, 240-241.	8.7	0
89	Key biodiversity areas as globally significant target sites for the conservation of marine biological diversity. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2008, 18, 969-983.	2.0	77
90	Spatial scale and the conservation of threatened species. <i>Conservation Letters</i> , 2008, 1, 37-43.	5.7	134

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91	The Status of the World's Land and Marine Mammals: Diversity, Threat, and Knowledge. <i>Science</i> , 2008, 322, 225-230.	12.6	1,215
92	Hope for Threatened Tropical Biodiversity: Lessons from the Philippines. <i>BioScience</i> , 2008, 58, 231-240.	4.9	78
93	Cost-effective global conservation spending is robust to taxonomic group. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6498-6501.	7.1	170
94	Conservation planning and the IUCN Red List. <i>Endangered Species Research</i> , 2008, 6, 113-125.	2.4	139
95	Objectifs et prioritÃ©s pour la conservation des oiseaux et de la biodiversitÃ© d'Afrique. <i>Ostrich</i> , 2007, 78, 115-126.	1.1	4
96	Global Conservation of Biodiversity and Ecosystem Services. <i>BioScience</i> , 2007, 57, 868-873.	4.9	323
97	Shortcuts for Biodiversity Conservation Planning: The Effectiveness of Surrogates. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2007, 38, 713-737.	8.3	437
98	The value of the IUCN Red List for conservation. <i>Trends in Ecology and Evolution</i> , 2006, 21, 71-76.	8.7	882
99	Biodiversity and Human Livelihood Crises in the Malay Archipelago. <i>Conservation Biology</i> , 2006, 20, 1811-1813.	4.7	32
100	Global Biodiversity Conservation Priorities. <i>Science</i> , 2006, 313, 58-61.	12.6	1,762
101	Pinpointing and preventing imminent extinctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18497-18501.	7.1	447
102	Species, Data, and Conservation Planning. <i>Conservation Biology</i> , 2004, 18, 1682-1688.	4.7	106
103	Protected Areas and Species. <i>Conservation Biology</i> , 2004, 18, 616-618.	4.7	119
104	Effectiveness of the global protected area network in representing species diversity. <i>Nature</i> , 2004, 428, 640-643.	27.8	1,149
105	Biodiversity barometers. <i>Nature</i> , 2004, 431, 1046-1047.	27.8	38
106	Coverage Provided by the Global Protected-Area System: Is It Enough?. <i>BioScience</i> , 2004, 54, 1081.	4.9	210
107	Key Biodiversity Areas as Site Conservation Targets. <i>BioScience</i> , 2004, 54, 1110.	4.9	370
108	Global Gap Analysis: Priority Regions for Expanding the Global Protected-Area Network. <i>BioScience</i> , 2004, 54, 1092.	4.9	516

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109	Heuristic and optimal solutions for set-covering problems in conservation biology. <i>Ecography</i> , 2003, 26, 595-601.	4.5	46
110	Performance of Sub-Saharan Vertebrates as Indicator Groups for Identifying Priority Areas for Conservation. <i>Conservation Biology</i> , 2003, 17, 207-218.	4.7	102
111	Avoiding Pitfalls of Using Species Distribution Models in Conservation Planning. <i>Conservation Biology</i> , 2003, 17, 1591-1600.	4.7	413
112	Value of the IUCN Red List. <i>Trends in Ecology and Evolution</i> , 2003, 18, 214-215.	8.7	141
113	Advances in Applied Biodiversity Science: Global Gap Analysis: towards a representative network of protected areas. , 2003, , 6-98.		10
114	Wilderness and biodiversity conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10309-10313.	7.1	610
115	Hotspots and the conservation of evolutionary history. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2067-2071.	7.1	281
116	The distribution of cultural and biological diversity in Africa. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1645-1653.	2.6	96
117	Habitat Loss and Extinction in the Hotspots of Biodiversity. <i>Conservation Biology</i> , 2002, 16, 909-923.	4.7	1,518
118	Conservation Conflicts Across Africa. <i>Science</i> , 2001, 291, 2616-2619.	12.6	454
119	Prioritizing hotspots, representing transitions. <i>Trends in Ecology and Evolution</i> , 2001, 16, 673.	8.7	21
120	ENVIRONMENT: Can We Defy Nature's End?. <i>Science</i> , 2001, 293, 2207-2208.	12.6	197
121	Conservation status and geographic distribution of avian evolutionary history. , 2001, , 267-294.		5
122	Mechanisms of extinction in birds: phylogeny, ecology and threats. , 2001, , 317-336.		7
123	Integrating phylogenetic diversity in the selection of priority areas for conservation: does it make a difference?. , 2001, , 101-119.		81
124	Evolutionary heritage as a metric for conservation. , 2001, , 120-138.		31
125	Primate diversity patterns and their conservation in Amazonia. , 2001, , 337-364.		7
126	Phylogenetic futures after the latest mass extinction. , 2001, , 387-399.		2

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127	Phylogeny and conservation. , 2001, , 1-16.		3
128	The oldest rainforests in Africa: stability or resilience for survival and diversity?. , 2001, , 198-229.		25
129	Current Bird Conservation Issues in Africa. Auk, 2001, 118, 575-582.	1.4	21
130	Correlates of extinction risk: phylogeny, biology, threat and scale. , 2001, , 295-316.		52
131	Putting process on the map: why ecotones are important for preserving biodiversity. , 2001, , 166-197.		12
132	Toward a Blueprint for Conservation in Africa. BioScience, 2001, 51, 613.	4.9	158
133	Are Unsuccessful Avian Invaders Rarer in Their Native Range Than Successful Invaders?. , 2001, , 125-155.		6
134	The Pandas' Habitat at Wolong Nature Reserve. Science, 2001, 293, 603b-605.	12.6	5
135	Living on the edge. Nature, 2000, 403, 26-29.	27.8	20
136	â€¦ following Africa's lead in setting priorities. Nature, 2000, 405, 393-394.	27.8	122
137	Predation on Birds Caught in Mist-Nets in Upland Kenyan Forest Fragments. The Wilson Bulletin, 2000, 112, 292-294.	0.5	3
138	Fluctuating asymmetry increases with habitat disturbance in seven bird species of a fragmented afro-tropical forest. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 1241-1246.	2.6	101
139	Threat from deforestation to montane and lowland birds and mammals in insular South-east Asia. Journal of Animal Ecology, 1999, 68, 1061-1078.	2.8	93
140	Time Lag between Deforestation and Bird Extinction in Tropical Forest Fragments. Conservation Biology, 1999, 13, 1140-1150.	4.7	474
141	Relative risk of extinction of passerine birds on continents and islands. Nature, 1999, 399, 258-261.	27.8	206
142	Deforestation and bird extinctions in the Atlantic forest. Animal Conservation, 1999, 2, 211-222.	2.9	98
143	Deforestation and bird extinctions in the Atlantic forest. Animal Conservation, 1999, 2, 211-222.	2.9	8
144	Population dynamics of the endangered Cape Sable seaside-sparrow. Animal Conservation, 1998, 1, 11-21.	2.9	44

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145	Water levels, rapid vegetational changes, and the endangered Cape Sable seaside-sparrow. <i>Animal Conservation</i> , 1998, 1, 23-32.	2.9	54
146	Present and Future Taxonomic Selectivity in Bird and Mammal Extinctions. <i>Conservation Biology</i> , 1998, 12, 1365-1376.	4.7	70
147	The conservation status of the forest birds of the Taita Hills, Kenya. <i>Bird Conservation International</i> , 1998, 8, 119-139.	1.3	64
148	Population dynamics of the endangered Cape Sable seaside-sparrow. <i>Animal Conservation</i> , 1998, 01, 11-21.	2.9	1
149	Water levels, rapid vegetational changes, and the endangered Cape Sable seaside-sparrow. <i>Animal Conservation</i> , 1998, 01, 23-32.	2.9	2
150	Present and Future Taxonomic Selectivity in Bird and Mammal Extinctions. <i>Conservation Biology</i> , 1998, 12, 1365-1376.	4.7	133
151	Patronomy and conservation. <i>Nature</i> , 1997, 385, 574-574.	27.8	0
152	Deforestation Predicts the Number of Threatened Birds in Insular Southeast Asia. <i>Conservation Biology</i> , 1997, 11, 382-394.	4.7	190
153	The conservation status of forest birds on Flores and Sumbawa, Indonesia. <i>Bird Conservation International</i> , 1996, 6, 335-370.	1.3	9
154	Atlantic forest extinctions. <i>Nature</i> , 1996, 380, 115-115.	27.8	142
155	<i>Response</i> : Extinction Rates. <i>Science</i> , 1996, 273, 297-297.	12.6	0
156	Extinction and conservation on Cebu. <i>Nature</i> , 1995, 373, 294-294.	27.8	19
157	The conservation status of the birds of Negros, Philippines. <i>Bird Conservation International</i> , 1992, 2, 273-302.	1.3	15
158	Delineating Key Biodiversity Areas as targets for protecting areas. , 0, , 20-35.		2