Thomas M Brooks

List of Publications by Year
in descending order

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	The biodiversity of species and their rates of extinction, distribution, and protection. Science, 2014, 344, 1246752.	12.6	2,295
2	Global Biodiversity Conservation Priorities. Science, 2006, 313, 58-61.	12.6	1,762
3	Habitat Loss and Extinction in the Hotspots of Biodiversity. Conservation Biology, 2002, 16, 909-923.	4.7	1,518
4	Biodiversity: The ravages of guns, nets and bulldozers. Nature, 2016, 536, 143-145.	27.8	1,271
5	The Status of the World's Land and Marine Mammals: Diversity, Threat, and Knowledge. Science, 2008, 322, 225-230.	12.6	1,215
6	The Impact of Conservation on the Status of the World's Vertebrates. Science, 2010, 330, 1503-1509.	12.6	1,209
7	Effectiveness of the global protected area network in representing species diversity. Nature, 2004, 428, 640-643.	27.8	1,149
8	The value of the IUCN Red List for conservation. Trends in Ecology and Evolution, 2006, 21, 71-76.	8.7	882
9	Global Biodiversity Conservation: The Critical Role of Hotspots. , 2011, , 3-22.		821
10	Wilderness and biodiversity conservation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10309-10313.	7.1	610
11	Moment of truth for the Cerrado hotspot. Nature Ecology and Evolution, 2017, 1, 99.	7.8	535
12	Global Gap Analysis: Priority Regions for Expanding the Global Protected-Area Network. BioScience, 2004, 54, 1092.	4.9	516
13	Global priority areas for ecosystem restoration. Nature, 2020, 586, 724-729.	27.8	489
14	Time Lag between Deforestation and Bird Extinction in Tropical Forest Fragments. Conservation Biology, 1999, 13, 1140-1150.	4.7	474
15	Conservation Conflicts Across Africa. Science, 2001, 291, 2616-2619.	12.6	454
16	Pinpointing and preventing imminent extinctions. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18497-18501.	7.1	447
17	Shortcuts for Biodiversity Conservation Planning: The Effectiveness of Surrogates. Annual Review of Ecology, Evolution, and Systematics, 2007, 38, 713-737.	8.3	437
18	Targeting Global Protected Area Expansion for Imperiled Biodiversity. PLoS Biology, 2014, 12, e1001891.	5.6	430

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19	Protected Areas and Effective Biodiversity Conservation. Science, 2013, 342, 803-805.	12.6	417
20	Avoiding Pitfalls of Using Species Distribution Models in Conservation Planning. Conservation Biology, 2003, 17, 1591-1600.	4.7	413
21	Scientific Foundations for an IUCN Red List of Ecosystems. PLoS ONE, 2013, 8, e62111.	2.5	383
22	Key Biodiversity Areas as Site Conservation Targets. BioScience, 2004, 54, 1110.	4.9	370
23	Shortfalls and Solutions for Meeting National and Global Conservation Area Targets. Conservation Letters, 2015, 8, 329-337.	5.7	350
24	Global Conservation of Biodiversity and Ecosystem Services. BioScience, 2007, 57, 868-873.	4.9	323
25	Hotspots and the conservation of evolutionary history. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2067-2071.	7.1	281
26	Protected area targets post-2020. Science, 2019, 364, 239-241.	12.6	269
27	Imputation of missing data in life€history trait datasets: which approach performs the best?. Methods in Ecology and Evolution, 2014, 5, 961-970.	5.2	258
28	Warfare in Biodiversity Hotspots. Conservation Biology, 2009, 23, 578-587.	4.7	238
29	Protecting Important Sites for Biodiversity Contributes to Meeting Global Conservation Targets. PLoS ONE, 2012, 7, e32529.	2.5	237
30	Coverage Provided by the Global Protected-Area System: Is It Enough?. BioScience, 2004, 54, 1081.	4.9	210
31	Relative risk of extinction of passerine birds on continents and islands. Nature, 1999, 399, 258-261.	27.8	206
32	ENVIRONMENT: Can We Defy Nature's End?. Science, 2001, 293, 2207-2208.	12.6	197
33	Deforestation Predicts the Number of Threatened Birds in Insular Southeast Asia. Conservation Biology, 1997, 11, 382-394.	4.7	190
34	Projecting Global Biodiversity Indicators under Future Development Scenarios. Conservation Letters, 2016, 9, 5-13.	5.7	182
35	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
36	Cost-effective global conservation spending is robust to taxonomic group. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6498-6501.	7.1	170

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37	Quantifying species recovery and conservation success to develop an IUCN Green List of Species. Conservation Biology, 2018, 32, 1128-1138.	4.7	167
38	Toward a Blueprint for Conservation in Africa. BioScience, 2001, 51, 613.	4.9	158
39	Bolder science needed now for protected areas. Conservation Biology, 2016, 30, 243-248.	4.7	149
40	Atlantic forest extinctions. Nature, 1996, 380, 115-115.	27.8	142
41	Value of the IUCN Red List. Trends in Ecology and Evolution, 2003, 18, 214-215.	8.7	141
42	The IUCN Red List of Ecosystems: Motivations, Challenges, and Applications. Conservation Letters, 2015, 8, 214-226.	5.7	141
43	Future habitat loss and extinctions driven by landâ€use change in biodiversity hotspots under four scenarios of climateâ€change mitigation. Conservation Biology, 2015, 29, 1122-1131.	4.7	141
44	Conservation planning and the IUCN Red List. Endangered Species Research, 2008, 6, 113-125.	2.4	139
45	Global Biodiversity Conservation and the Alleviation of Poverty. BioScience, 2012, 62, 85-92.	4.9	138
46	Spatial scale and the conservation of threatened species. Conservation Letters, 2008, 1, 37-43.	5.7	134
47	Present and Future Taxonomic Selectivity in Bird and Mammal Extinctions. Conservation Biology, 1998, 12, 1365-1376.	4.7	133
48	A global reptile assessment highlights shared conservation needs of tetrapods. Nature, 2022, 605, 285-290.	27.8	130
49	â€¦ following Africa's lead in setting priorities. Nature, 2000, 405, 393-394.	27.8	122
50	A horizon scan of global conservation issues for 2014. Trends in Ecology and Evolution, 2014, 29, 15-22.	8.7	120
51	A global analysis of management capacity and ecological outcomes in terrestrial protected areas. Conservation Letters, 2018, 11, e12434.	5.7	120
52	Protected Areas and Species. Conservation Biology, 2004, 18, 616-618.	4.7	119
53	Land Use Intensity-Specific Global Characterization Factors to Assess Product Biodiversity Footprints. Environmental Science & Technology, 2018, 52, 5094-5104.	10.0	117
54	How many bird and mammal extinctions has recent conservation action prevented?. Conservation Letters, 2021, 14, e12762.	5.7	113

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55	Species, Data, and Conservation Planning. Conservation Biology, 2004, 18, 1682-1688.	4.7	106
56	Species and functional diversity accumulate differently in mammals. Global Ecology and Biogeography, 2016, 25, 1119-1130.	5.8	103
57	Performance of Sub-Saharan Vertebrates as Indicator Groups for Identifying Priority Areas for Conservation. Conservation Biology, 2003, 17, 207-218.	4.7	102
58	Fluctuating asymmetry increases with habitat disturbance in seven bird species of a fragmented afrotropical forest. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 1241-1246.	2.6	101
59	Impacts of incentives to reduce emissions from deforestation on global species extinctions. Nature Climate Change, 2012, 2, 350-355.	18.8	99
60	Deforestation and bird extinctions in the Atlantic forest. Animal Conservation, 1999, 2, 211-222.	2.9	98
61	The distribution of cultural and biological diversity in Africa. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1645-1653.	2.6	96
62	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
63	The Importance and Benefits of Species. Current Biology, 2015, 25, R431-R438.	3.9	92
64	A practical guide to the application of the IUCN Red List of Ecosystems criteria. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140003.	4.0	92
65	Evaluating the Success of Conservation Actions in Safeguarding Tropical Forest Biodiversity. Conservation Biology, 2009, 23, 1448-1457.	4.7	91
66	How similar are national red lists and the IUCN Red List?. Biological Conservation, 2010, 143, 1154-1158.	4.1	90
67	Integrating phylogenetic diversity in the selection of priority areas for conservation: does it make a difference?. , 2001, , 101-119.		81
68	Hope for Threatened Tropical Biodiversity: Lessons from the Philippines. BioScience, 2008, 58, 231-240.	4.9	78
69	Key biodiversity areas as globally significant target sites for the conservation of marine biological diversity. Aquatic Conservation: Marine and Freshwater Ecosystems, 2008, 18, 969-983.	2.0	77
70	Spatially Explicit Trends in the Global Conservation Status of Vertebrates. PLoS ONE, 2014, 9, e113934.	2.5	73
71	Present and Future Taxonomic Selectivity in Bird and Mammal Extinctions. Conservation Biology, 1998, 12, 1365-1376.	4.7	70
72	IPBES â‰ IPCC. Trends in Ecology and Evolution, 2014, 29, 543-545.	8.7	70

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73	Scientific foundations for an ecosystem goal, milestones and indicators for the post-2020 global biodiversity framework. Nature Ecology and Evolution, 2021, 5, 1338-1349.	7.8	70
74	Harnessing biodiversity and conservation knowledge products to track the Aichi Targets and Sustainable Development Goals. Biodiversity, 2015, 16, 157-174.	1.1	67
75	Analysing biodiversity and conservation knowledge products to support regional environmental assessments. Scientific Data, 2016, 3, 160007.	5.3	67
76	Scenarios and Models to Support Global Conservation Targets. Trends in Ecology and Evolution, 2019, 34, 57-68.	8.7	66
77	Assessing the Cost of Global Biodiversity and Conservation Knowledge. PLoS ONE, 2016, 11, e0160640.	2.5	65
78	Four steps for the Earth: mainstreaming the post-2020 global biodiversity framework. One Earth, 2021, 4, 75-87.	6.8	65
79	The conservation status of the forest birds of the Taita Hills, Kenya. Bird Conservation International, 1998, 8, 119-139.	1.3	64
80	Identifying global centers of unsustainable commercial harvesting of species. Science Advances, 2019, 5, eaau2879.	10.3	61
81	A metric for spatially explicit contributions to science-based species targets. Nature Ecology and Evolution, 2021, 5, 836-844.	7.8	61
82	Complete, accurate, mammalian phylogenies aid conservation planning, but not much. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2652-2660.	4.0	59
83	Sixty years of tracking conservation progress using the World Database on Protected Areas. Nature Ecology and Evolution, 2019, 3, 737-743.	7.8	58
84	Bridging the research-implementation gap in IUCN Red List assessments. Trends in Ecology and Evolution, 2022, 37, 359-370.	8.7	58
85	A Biodiversity Indicators Dashboard: Addressing Challenges to Monitoring Progress towards the Aichi Biodiversity Targets Using Disaggregated Global Data. PLoS ONE, 2014, 9, e112046.	2.5	56
86	National Consumption and Global Trade Impacts on Biodiversity. World Development, 2019, 121, 178-187.	4.9	56
87	Water levels, rapid vegetational changes, and the endangered Cape Sable seaside-sparrow. Animal Conservation, 1998, 1, 23-32.	2.9	54
88	Mapping nature's contribution to SDG 6 and implications for other SDGs at policy relevant scales. Remote Sensing of Environment, 2020, 239, 111671.	11.0	54
89	Correlates of extinction risk: phylogeny, biology, threat and scale. , 2001, , 295-316.		52
90	Net positive outcomes for nature. Nature Ecology and Evolution, 2020, 4, 4-7.	7.8	52

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91	Testing a global standard for quantifying species recovery and assessing conservation impact. Conservation Biology, 2021, 35, 1833-1849.	4.7	51
92	Patterns of extinction risk and threat for marineÂvertebrates and habitat-forming species in the Tropical Eastern Pacific. Marine Ecology - Progress Series, 2012, 448, 93-104.	1.9	51
93	Heuristic and optimal solutions for set-covering problems in conservation biology. Ecography, 2003, 26, 595-601.	4.5	46
94	Synergies between the key biodiversity area and systematic conservation planning approaches. Conservation Letters, 2019, 12, e12625.	5.7	46
95	Species diversity as a surrogate for conservation of phylogenetic and functional diversity in terrestrial vertebrates across the Americas. Nature Ecology and Evolution, 2019, 3, 53-61.	7.8	45
96	Population dynamics of the endangered Cape Sable seaside-sparrow. Animal Conservation, 1998, 1, 11-21.	2.9	44
97	Hot moments for biodiversity conservation. Conservation Letters, 2013, 6, 58-65.	5.7	44
98	Deforestation leakage undermines conservation value of tropical and subtropical forest protected areas. Global Ecology and Biogeography, 2020, 29, 2014-2024.	5.8	41
99	Biodiversity barometers. Nature, 2004, 431, 1046-1047.	27.8	38
100	Assessing global popularity and threats to Important Bird and Biodiversity Areas using social media data. Science of the Total Environment, 2019, 683, 617-623.	8.0	36
101	Conserving Critical Sites for Biodiversity Provides Disproportionate Benefits to People. PLoS ONE, 2012, 7, e36971.	2.5	35
102	Geography of current and future global mammal extinction risk. PLoS ONE, 2017, 12, e0186934.	2.5	34
103	Biodiversity and Human Livelihood Crises in the Malay Archipelago. Conservation Biology, 2006, 20, 1811-1813.	4.7	32
104	Evolutionary time drives global tetrapod diversity. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172378.	2.6	32
105	Evolutionary heritage as a metric for conservation. , 2001, , 120-138.		31
106	Unshifting the baseline: a framework for documenting historical population changes and assessing long-term anthropogenic impacts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190220.	4.0	31
107	The signature of human pressure history on the biogeography of body mass in tetrapods. Global Ecology and Biogeography, 2017, 26, 1022-1034.	5.8	28
108	A robust goal is needed for species in the Postâ€2020 Global Biodiversity Framework. Conservation Letters, 2021, 14, e12778.	5.7	26

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109	Defining â€˜science-based targetsâ€™. National Science Review, 2021, 8, nwaa186.	9.5	26
110	The oldest rainforests in Africa: stability or resilience for survival and diversity?. , 2001, , 198-229.		25
111	Prevalence of sustainable and unsustainable use of wild species inferred from the IUCN Red List of Threatened Species. Conservation Biology, 2022, 36, .	4.7	25
112	Quantifying the relative irreplaceability of important bird and biodiversity areas. Conservation Biology, 2016, 30, 392-402.	4.7	24
113	The identification of sites of biodiversity conservation significance: progress with the application of a global standards. Journal of Threatened Taxa, 2012, 04, 2733-2744.	0.3	23
114	Prioritizing hotspots, representing transitions. Trends in Ecology and Evolution, 2001, 16, 673.	8.7	21
115	Current Bird Conservation Issues in Africa. Auk, 2001, 118, 575-582.	1.4	21
116	Living on the edge. Nature, 2000, 403, 26-29.	27.8	20
117	Mind the gaps. Nature, 2014, 516, 336-337.	27.8	20
118	Conservation planning and priorities. , 2010, , 199-219.		20
119	Extinction and conservation on Cebu. Nature, 1995, 373, 294-294.	27.8	19
120	The Natura 2000 network and the ranges of threatened species in Greece. Biodiversity and Conservation, 2021, 30, 945-961.	2.6	19
121	Over half of threatened species require targeted recovery actions to avert humanâ€induced extinction. Frontiers in Ecology and the Environment, 2023, 21, 64-70.	4.0	19
122	Conservation: Forest Fragments, Facts, and Fallacies. Current Biology, 2013, 23, R1098-R1101.	3.9	17
123	Determinants of bird conservationâ€action implementation and associated population trends of threatened species. Conservation Biology, 2016, 30, 1338-1346.	4.7	17
124	Blueprints of Effective Biodiversity and Conservation Knowledge Products That Support Marine Policy. Frontiers in Marine Science, 2017, 4, .	2.5	17
125	Environmental variation is a major predictor of global trait turnover in mammals. Journal of Biogeography, 2018, 45, 225-237.	3.0	17
126	A standard for species. Nature, 2010, 467, 540-541.	27.8	16

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127	Reconciling global mammal prioritization schemes into a strategy. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2722-2728.	4.0	16
128	The conservation status of the birds of Negros, Philippines. Bird Conservation International, 1992, 2, 273-302.	1.3	15
129	Putting process on the map: why ecotones are important for preserving biodiversity. , 2001, , 166-197.		12
130	Advances in Applied Biodiversity Science: Global Gap Analysis: towards a representative network of protected areas. , 2003, , 6-98.		10
131	A bold successor to Aichi Target 11â€"Response. Science, 2019, 365, 650-651.	12.6	10
132	Batch-produced, GIS-informed range maps for birds based on provenanced, crowd-sourced data inform conservation assessments. PLoS ONE, 2021, 16, e0259299.	2.5	10
133	The conservation status of forest birds on Flores and Sumbawa, Indonesia. Bird Conservation International, 1996, 6, 335-370.	1.3	9
134	Quantifying and categorising national extinction-risk footprints. Scientific Reports, 2022, 12, 5861.	3.3	9
135	Deforestation and bird extinctions in the Atlantic forest. Animal Conservation, 1999, 2, 211-222.	2.9	8
136	Mechanisms of extinction in birds: phylogeny, ecology and threats. , 2001, , 317-336.		7
137	Primate diversity patterns and their conservation in Amazonia. , 2001, , 337-364.		7
138	Conservation actions benefit the most threatened species: A 13â€year assessment of Alliance for Zero Extinction species. Conservation Science and Practice, 2021, 3, e510.	2.0	7
139	Identifying science-policy consensus regions of high biodiversity value and institutional recognition. Global Ecology and Conservation, 2021, 32, e01938.	2.1	7
140	Are Unsuccessful Avian Invaders Rarer in Their Native Range Than Successful Invaders?. , 2001, , 125-155.		6
141	Subnational assessment of threats to Indian biodiversity and habitat restoration opportunities. Environmental Research Letters, 2022, 17, 054022.	5.2	6
142	Conservation status and geographic distribution of avian evolutionary history. , 2001, , 267-294.		5
143	Engaging end-users to inform the development of the global standard for the identification of key biodiversity areas. Environmental Science and Policy, 2018, 89, 273-282.	4.9	5
144	The Pandas' Habitat at Wolong Nature Reserve. Science, 2001, 293, 603b-605.	12.6	5

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145	Reply to: Restoration prioritization must be informed by marginalized people. Nature, 2022, 607, E7-E9.	27.8	5
146	Objectifs et priorités pour la conservation des oiseaux et de la biodiversité d'Afrique. Ostrich, 2007, 78, 115-126.	1.1	4
147	Global assessment of critical forest and landscape restoration needs for threatened terrestrial vertebrate species. Global Ecology and Conservation, 2020, 24, e01359.	2.1	4
148	Predation on Birds Caught in Mist-Nets in Upland Kenyan Forest Fragments. The Wilson Bulletin, 2000, 112, 292-294.	0.5	3
149	Phylogeny and conservation. , 2001, , 1-16.		3
150	Phylogenetic futures after the latest mass extinction. , 2001, , 387-399.		2
151	Delineating Key Biodiversity Areas as targets for protecting areas. , 0, , 20-35.		2
152	Applied biodiversity science in China in the global context. National Science Review, 2021, 8, nwab059.	9.5	2
153	Water levels, rapid vegetational changes, and the endangered Cape Sable seaside-sparrow. Animal Conservation, 1998, 01, 23-32.	2.9	2
154	Population dynamics of the endangered Cape Sable seaside-sparrow. Animal Conservation, 1998, 01, 11-21.	2.9	1
155	Patronomy and conservation. Nature, 1997, 385, 574-574.	27.8	0
156	A protected areas calling card. Trends in Ecology and Evolution, 2009, 24, 240-241.	8.7	0
157	Biodiversity: Blessing Not Blunder. BioScience, 2011, 61, 254-254.	4.9	0
158	<i>Response</i> : Extinction Rates. Science, 1996, 273, 297-297.	12.6	0