Stuart L Pimm

List of Publications by Year
in descending order

143 papers	24,050 citations	9786 73 h-index	9345 143 g-index
154 all docs	154 docs citations	154 times ranked	24238 citing authors

#	Article	IF	Citations
1	The costs and benefits of primary prevention of zoonotic pandemics. Science Advances, 2022, 8, eabl4183.	10.3	99
2	We can have biodiversity and eat too. Nature Food, 2022, 3, 310-311.	14.0	1
3	What we need to know to prevent a mass extinction of plant species. Plants People Planet, 2021, 3, 7-15.	3.3	13
4	The 2020 elephant die-off in Botswana. PeerJ, 2021, 9, e10686.	2.0	11
5	What is biodiversity conservation?. Ambio, 2021, 50, 976-980.	5.5	10
6	Spatial models of giant pandas under current and future conditions reveal extinction risks. Nature Ecology and Evolution, 2021, 5, 1309-1316.	7.8	16
7	Reconnecting nature. Current Biology, 2021, 31, R1159-R1164.	3.9	7
8	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
9	Using metapopulation theory for practical conservation of mangrove endemic birds. Conservation Biology, 2020, 34, 266-275.	4.7	13
10	Bird extirpations and community dynamics in an Andean cloud forest over 100 years of landâ€use change. Conservation Biology, 2020, 34, 677-687.	4.7	21
11	Ecology and economics for pandemic prevention. Science, 2020, 369, 379-381.	12.6	411
12	How China expanded its protected areas to conserve biodiversity. Current Biology, 2020, 30, R1334-R1340.	3.9	36
13	Relationship between giant panda populations and selected ecosystem services. Ecosystem Services, 2020, 44, 101130.	5.4	10
14	Norman Myers (1934â€“2019). Nature Ecology and Evolution, 2020, 4, 177-178.	7.8	0
15	The State of the Worldâ€™s Biodiversity. , 2019, , 80-112.		4
16	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
17	Transforming Protected Area Management in China. Trends in Ecology and Evolution, 2019, 34, 762-766.	8.7	118
18	Protected areas and biodiversity conservation in India. Biological Conservation, 2019, 237, 114-124.	4.1	83

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19	Measuring resilience is essential to understand it. Nature Sustainability, 2019, 2, 895-897.	23.7	76
20	Hidden Loss of Wetlands in China. Current Biology, 2019, 29, 3065-3071.e2.	3.9	85
21	The next widespread bamboo flowering poses a massive risk to the giant panda. Biological Conservation, 2019, 234, 180-187.	4.1	14
22	Climate change, disease range shifts, and the future of the Africa lion. Conservation Biology, 2018, 32, 1207-1210.	4.7	13
23	Why a Planetary Boundary, If It Is Not Planetary, and the Boundary Is Undefined? A Reply to RockstrÃ¶m et al.. Trends in Ecology and Evolution, 2018, 33, 234.	8.7	16
24	Planetary Boundaries for Biodiversity: Implausible Science, Pernicious Policies. Trends in Ecology and Evolution, 2018, 33, 71-73.	8.7	75
25	Deforestation risks posed by oil palm expansion in the Peruvian Amazon. Environmental Research Letters, 2018, 13, 114010.	5.2	41
26	How to protect half of Earth to ensure it protects sufficient biodiversity. Science Advances, 2018, 4, eaat2616.	10.3	175
27	The Fate of the Worldâ€™s Plants. Trends in Ecology and Evolution, 2017, 32, 317-320.	8.7	41
28	Unfulfilled promise of dataâ€driven approaches: response to Peterson etÂal.. Conservation Biology, 2017, 31, 944-947.	4.7	9
29	Free-ranging livestock threaten the long-term survival of giant pandas. Biological Conservation, 2017, 216, 18-25.	4.1	96
30	Reassessing the conservation status of the giant panda using remote sensing. Nature Ecology and Evolution, 2017, 1, 1635-1638.	7.8	127
31	Reply to Nic Lughadha et al.. Trends in Ecology and Evolution, 2017, 32, 889.	8.7	1
32	Targeted habitat restoration can reduce extinction rates in fragmented forests. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9635-9640.	7.1	127
33	Savanna elephant numbers are only a quarter of their expected values. PLoS ONE, 2017, 12, e0175942.	2.5	41
34	Remotely Sensed Data Informs Red List Evaluations and Conservation Priorities in Southeast Asia. PLoS ONE, 2016, 11, e0160566.	2.5	21
35	China's endemic vertebrates sheltering under the protective umbrella of the giant panda. Conservation Biology, 2016, 30, 329-339.	4.7	152
36	Navigating the complexity of ecological stability. Ecology Letters, 2016, 19, 1172-1185.	6.4	401

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37	Incorporating explicit geospatial data shows more species at risk of extinction than the current Red List. Science Advances, 2016, 2, e1601367.	10.3	89
38	Habitat fragmentation and biodiversity conservation: key findings and future challenges. Landscape Ecology, 2016, 31, 219-227.	4.2	336
39	Lion populations may be declining in Africa but not as Bauer et al. suggest. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E107-E108.	7.1	28
40	Conservation policy and the measurement ofÂforests. Nature Climate Change, 2016, 6, 192-196.	18.8	136
41	The Impacts of Oil Palm on Recent Deforestation and Biodiversity Loss. PLoS ONE, 2016, 11, e0159668.	2.5	459
42	The checkered history of checkerboard distributions: comment. Ecology, 2015, 96, 3386-3388.	3.2	13
43	Bird conservation would complement landslide prevention in the Central Andes of Colombia. PeerJ, 2015, 3, e779.	2.0	5
44	How Many Plant Species are There, Where are They, and at What Rate are They Going Extinct?. Annals of the Missouri Botanical Garden, 2015, 100, 170-176.	1.3	156
45	Climate change challenges the current conservation strategy for the giant panda. Biological Conservation, 2015, 190, 43-50.	4.1	109
46	Species, extinct before we know them?. Current Biology, 2015, 25, R177-R180.	3.9	68
47	US protected lands mismatch biodiversity priorities. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5081-5086.	7.1	301
48	Emerging Technologies to Conserve Biodiversity. Trends in Ecology and Evolution, 2015, 30, 685-696.	8.7	240
49	Estimating the normal background rate of species extinction. Conservation Biology, 2015, 29, 452-462.	4.7	410
50	Elevational Ranges of Montane Birds and Deforestation in the Western Andes of Colombia. PLoS ONE, 2015, 10, e0143311.	2.5	12
51	The biodiversity of species and their rates of extinction, distribution, and protection. Science, 2014, 344, 1246752.	12.6	2,295
52	The trees, if not the woods. Current Biology, 2014, 24, R634-R636.	3.9	0
53	Setting Practical Conservation Priorities for Birds in the Western Andes of Colombia. Conservation Biology, 2014, 28, 1260-1270.	4.7	38
54	Achieving the Convention on Biological Diversityâ€™s Goals for Plant Conservation. Science, 2013, 341, 1100-1103.	12.6	119

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55	The size of savannah Africa: a lionâ€™s (Panthera leo) view. Biodiversity and Conservation, 2013, 22, 17-35.	2.6	280
56	Conservation: Forest Fragments, Facts, and Fallacies. Current Biology, 2013, 23, R1098-R1101.	3.9	17
57	Estimating Extinction Risk with Metapopulation Models of Largeâ€Scale Fragmentation. Conservation Biology, 2013, 27, 520-530.	4.7	50
58	Global patterns of terrestrial vertebrate diversity and conservation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2602-10.	7.1	737
59	Quantitative Analysis of Forest Fragmentation in the Atlantic Forest Reveals More Threatened Bird Species than the Current Red List. PLoS ONE, 2013, 8, e65357.	2.5	34
60	What we know and donâ€™t know about Earth's missing biodiversity. Trends in Ecology and Evolution, 2012, 27, 501-510.	8.7	321
61	The fate of Amazonian forest fragments: A 32-year investigation. Biological Conservation, 2011, 144, 56-67.	4.1	713
62	The population ecology and social behaviour of taxonomists. Trends in Ecology and Evolution, 2011, 26, 551-553.	8.7	96
63	Elevational Ranges of Birds on a Tropical Montane Gradient Lag behind Warming Temperatures. PLoS ONE, 2011, 6, e28535.	2.5	127
64	Constraints to Speciesâ€™ Elevational Range Shifts as Climate Changes. Conservation Biology, 2011, 25, 163-171.	4.7	98
65	How the World Bank funds protected areas. Conservation Letters, 2011, 4, 269-277.	5.7	22
66	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
67	How many species of flowering plants are there?. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 554-559.	2.6	191
68	How Conservation GIS Leads to Rio de Janeiro, Brazil. Natureza A Conservacao, 2011, 9, 152-159.	2.5	19
69	Extinctions and the practice of preventing them. , 2010, , 181-198.		22
70	Elephant survival, rainfall and the confounding effects of water provision and fences. Biodiversity and Conservation, 2010, 19, 2235-2245.	2.6	36
71	Avian conservation priorities in a top-ranked biodiversity hotspot. Biological Conservation, 2010, 143, 992-998.	4.1	29
72	How Many Endangered Species Remain to be Discovered in Brazil?. Natureza A Conservacao, 2010, 08, 71-77.	2.5	55

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73	Climate Disruption and Biodiversity. Current Biology, 2009, 19, R595-R601.	3.9	98
74	Biodiversity and REDD at Copenhagen. Current Biology, 2009, 19, R974-R976.	3.9	74
75	Reciprocal specialization in ecological networks. Ecology Letters, 2009, 12, 961-969.	6.4	42
76	Fences and artificial water affect African savannah elephant movement patterns. Biological Conservation, 2009, 142, 3086-3098.	4.1	187
77	Elephant seasonal vegetation preferences across dry and wet savannas. Biological Conservation, 2009, 142, 3099-3107.	4.1	102
78	Achieving success with small, translocated mammal populations. Conservation Letters, 2009, 2, 254-262.	5.7	59
79	On Population Growth Near Protected Areas. PLoS ONE, 2009, 4, e4279.	2.5	101
80	Reserves Protect against Deforestation Fires in the Amazon. PLoS ONE, 2009, 4, e5014.	2.5	118
81	Range Size and Extinction Risk in Forest Birds. Conservation Biology, 2008, 22, 163-171.	4.7	137
82	Biodiversity: Climate Change or Habitat Loss â€" Which Will Kill More Species?. Current Biology, 2008, 18, R117-R119.	3.9	123
83	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
84	Mapping and exploring the distribution of the Vulnerable grey-winged cotinga Tijuca condita. Oryx, 2008, 42, 562.	1.0	10
85	Rules of habitat use by elephants Loxodonta africana in southern Africa: insights for regional management. Oryx, 2008, 42, .	1.0	80
86	Oil and Gas Projects in the Western Amazon: Threats to Wilderness, Biodiversity, and Indigenous Peoples. PLoS ONE, 2008, 3, e2932.	2.5	432
87	Satellites miss environmental priorities. Trends in Ecology and Evolution, 2007, 22, 630-632.	8.7	42
88	Abundance, distribution and conservation of Rio Branco Antbird Cercomacra carbonaria and Hoary-throated Spinetail Synallaxis kollari. Bird Conservation International, 2007, 17, 245-257.	1.3	12
89	Dispersal of Amazonian birds in continuous and fragmented forest. Ecology Letters, 2007, 10, 219-229.	6.4	193
90	Human impacts on the rates of recent, present, and future bird extinctions. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10941-10946.	7.1	256

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91	Ecological networks and their fragility. Nature, 2006, 442, 259-264.	27.8	1,064
92	Refining Biodiversity Conservation Priorities. Conservation Biology, 2005, 19, 1957-1968.	4.7	75
93	Sustaining the Variety of Life. Scientific American, 2005, 293, 66-73.	1.0	27
94	ECOLOGY: Domains of Diversity. Science, 2004, 304, 831-833.	12.6	80
95	Disconnects in Evaluating the Relative Effectiveness of Conservation Strategies. Conservation Biology, 2004, 18, 597-599.	4.7	69
96	Demonstrating the destruction of the habitat of the Cape Sable seaside sparrow (Ammodramus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.9	24
97	Why sparrow distributions do not match model predictions. Animal Conservation, 2003, 6, 39-46.	2.9	16
98	Predicted correspondence between species abundances and dendrograms of niche similarities. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5246-5251.	7.1	110
99	ECOLOGY: Protecting China's Biodiversity. Science, 2003, 300, 1240-1241.	12.6	216
100	Rates of species loss from Amazonian forest fragments. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14069-14073.	7.1	280
101	Beyond eight forms of rarity: which species are threatened and which will be next?. Animal Conservation, 2001, 4, 221-229.	2.9	107
102	Measuring the millennium. Oikos, 2000, 88, 3-5.	2.7	5
103	Extinction by numbers. Nature, 2000, 403, 843-845.	27.8	1,159
104	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
105	Time Lag between Deforestation and Bird Extinction in Tropical Forest Fragments. Conservation Biology, 1999, 13, 1140-1150.	4.7	474
106	Relative risk of extinction of passerine birds on continents and islands. Nature, 1999, 399, 258-261.	27.8	206
107	Culling and the dynamics of the Kruger National Park African elephant population. Animal Conservation, 1999, 2, 287-294.	2.9	94
108	Culling and the dynamics of the Kruger National Park African elephant population. Animal Conservation, 1999, 2, 287-294.	2.9	2

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109	The forest fragment classic. Nature, 1998, 393, 23-24.	27.8	39
110	Population dynamics of the endangered Cape Sable seaside-sparrow. Animal Conservation, 1998, 1, 11-21.	2.9	44
111	Water levels, rapid vegetational changes, and the endangered Cape Sable seaside-sparrow. Animal Conservation, 1998, 1, 23-32.	2.9	54
112	The form of the curves: a direct evaluation of MacArthur & Wilson's classic theory. Journal of Animal Ecology, 1998, 67, 784-794.	2.8	23
113	Population dynamics of the endangered Cape Sable seaside-sparrow. Animal Conservation, 1998, 01, 11-21.	2.9	1
114	Water levels, rapid vegetational changes, and the endangered Cape Sable seaside-sparrow. Animal Conservation, 1998, 01, 23-32.	2.9	2
115	In search of perennial solutions. Nature, 1997, 389, 126-127.	27.8	26
116	The value of everything. Nature, 1997, 387, 231-232.	27.8	50
117	Deforestation Predicts the Number of Threatened Birds in Insular Southeast Asia. Conservation Biology, 1997, 11, 382-394.	4.7	190
118	Lessons from a kill. Biodiversity and Conservation, 1996, 5, 1059-1067.	2.6	36
119	Response : Extinction Rates. Science, 1996, 273, 297-297.	12.6	0
120	On the nature of population extremes. Evolutionary Ecology, 1995, 9, 429-443.	1.2	117
121	Body Sizes of Animal Predators and Animal Prey in Food Webs. Journal of Animal Ecology, 1993, 62, 67.	2.8	600
122	The Assembly of Ecological Communities: A Minimalist Approach. Journal of Animal Ecology, 1993, 62, 749.	2.8	90
123	Frog ponds and ocean iron. Nature, 1992, 360, 298-299.	27.8	4
124	Food web patterns and their consequences. Nature, 1991, 350, 669-674.	27.8	666
125	Crying wolf in North America. Nature, 1991, 351, 524-525.	27.8	56
126	Bird population densities. Nature, 1989, 338, 628-628.	27.8	19

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127	Communities oceans apart?. Nature, 1989, 339, 13-13.	27.8	5
128	The variability of population densities. Nature, 1988, 334, 613-614.	27.8	318
129	Population Variability and Polyphagy in Herbivorous Insect Communities. Ecological Monographs, 1988, 58, 39-55.	5.4	80
130	On the Risk of Extinction. American Naturalist, 1988, 132, 757-785.	2.1	896
131	The dynamics of multispecies, multi-life-stage models of aquatic food webs. Theoretical Population Biology, 1987, 32, 303-325.	1.1	99
132	Estimating competition coefficients from census data. Oecologia, 1985, 67, 588-590.	2.0	24
133	Competition and Food Selection: Field Tests of a Theory. Ecology, 1985, 66, 798-807.	3.2	165
134	The complexity and stability of ecosystems. Nature, 1984, 307, 321-326.	27.8	2,312
135	Complexity, Diversity, and Stability: A Reconciliation of Theoretical and Empirical Results. American Naturalist, 1983, 122, 229-239.	2.1	113
136	The Introduced Hawaiian Avifauna: Biogeographic Evidence for Competition. American Naturalist, 1983, 121, 669-690.	2.1	139
137	Competitors and Habitat Use. Oikos, 1981, 37, 1.	2.7	109
138	Food Web Design and the Effect of Species Deletion. Oikos, 1980, 35, 139.	2.7	205
139	Properties of Food Webs. Ecology, 1980, 61, 219-225.	3.2	109
140	Are Food Webs Divided into Compartments?. Journal of Animal Ecology, 1980, 49, 879.	2.8	204
141	The structure of food webs. Theoretical Population Biology, 1979, 16, 144-158.	1.1	157
142	Direct Estimation of Competition. American Naturalist, 1979, 113, 593-600.	2.1	78
143	Natural Enemies and Community Dynamics. , 0, , 395-411.		3