

# Andrew J Plumptre

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

6,688  
citations

57758

44  
h-index

66911

78  
g-index

117  
all docs

117  
docs citations

117  
times ranked

6733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Averting biodiversity collapse in tropical forest protected areas. <i>Nature</i> , 2012, 489, 290-294.	27.8	909
2	The biodiversity of the Albertine Rift. <i>Biological Conservation</i> , 2007, 134, 178-194.	4.1	295
3	Monitoring mammal populations with line transect techniques in African forests. <i>Journal of Applied Ecology</i> , 2000, 37, 356-368.	4.0	266
4	Devastating Decline of Forest Elephants in Central Africa. <i>PLoS ONE</i> , 2013, 8, e59469.	2.5	266
5	Conserving large carnivores: dollars and fence. <i>Ecology Letters</i> , 2013, 16, 635-641.	6.4	241
6	Design and Analysis of Line Transect Surveys for Primates. <i>International Journal of Primatology</i> , 2010, 31, 833-847.	1.9	219
7	Effects of War and Civil Strife on Wildlife and Wildlife Habitats. <i>Conservation Biology</i> , 2002, 16, 319-329.	4.7	204
8	The database of the <sc>PREDICTS</sc> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	186
9	The Effect of Selective Logging on the Primate Populations in the Budongo Forest Reserve, Uganda. <i>Journal of Applied Ecology</i> , 1994, 31, 631.	4.0	164
10	Title is missing!. <i>International Journal of Primatology</i> , 2000, 21, 613-628.	1.9	164
11	Counting primates for conservation: primate surveys in Uganda. <i>Primates</i> , 2006, 47, 65-73.	1.1	162
12	Condensed tannins and sugars in the diet of chimpanzees ( <i>Pan troglodytes schweinfurthii</i> ) in the Budongo Forest, Uganda. <i>Oecologia</i> , 1998, 115, 331-336.	2.0	149
13	Changes following 60 years of selective timber harvesting in the Budongo Forest Reserve, Uganda. <i>Forest Ecology and Management</i> , 1996, 89, 101-113.	3.2	144
14	Recent decline in suitable environmental conditions for <sc>A</sc>frican great apes. <i>Diversity and Distributions</i> , 2012, 18, 1077-1091.	4.1	132
15	Censusing chimpanzees in the Budongo Forest, Uganda. <i>International Journal of Primatology</i> , 1996, 17, 85-99.	1.9	121
16	More than \$1 billion needed annually to secure Africaâ€™s protected areas with lions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10788-E10796.	7.1	105
17	Nesting Behavior of Chimpanzees: Implications for Censuses. <i>International Journal of Primatology</i> , 1997, 18, 475-485.	1.9	93
18	Nutritional composition of the diet of the gorilla ( <i>Gorilla beringei</i> ): a comparison between two montane habitats. <i>Journal of Tropical Ecology</i> , 2007, 23, 673-682.	1.1	93

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19	Activity and Ranging Patterns of <i>Colobus angolensis ruwenzorii</i> in Nyungwe Forest, Rwanda: Possible Costs of Large Group Size. <i>International Journal of Primatology</i> , 2007, 28, 529-550.	1.9	93
20	Protected Apes, Unprotected Forest: Composition, Structure and Diversity of Riverine Forest Fragments and Their Conservation Value in Uganda. <i>Tropical Conservation Science</i> , 2012, 5, 79-103.	1.2	89
21	Estimating the Biomass of Large Mammalian Herbivores in a Tropical Montane Forest: A Method of Faecal Counting That Avoids Assuming a 'Steady State' System. <i>Journal of Applied Ecology</i> , 1995, 32, 111.	4.0	79
22	Lack of conservation effort rapidly increases African great ape extinction risk. <i>Conservation Letters</i> , 2012, 5, 48-55.	5.7	77
23	Spatiotemporal trends of illegal activities from ranger-collected data in a Ugandan national park. <i>Conservation Biology</i> , 2015, 29, 1458-1470.	4.7	74
24	Standardized reporting of the costs of management interventions for biodiversity conservation. <i>Conservation Biology</i> , 2018, 32, 979-988.	4.7	74
25	Efficiently targeting resources to deter illegal activities in protected areas. <i>Journal of Applied Ecology</i> , 2014, 51, 714-725.	4.0	73
26	Where Might We Find Ecologically Intact Communities?. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	72
27	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
28	Patterns of tree species composition across tropical African forests. <i>Journal of Biogeography</i> , 2014, 41, 2320-2331.	3.0	69
29	Improving Law Enforcement Effectiveness and Efficiency in Protected Areas Using Ranger Collected Monitoring Data. <i>Conservation Letters</i> , 2017, 10, 572-580.	5.7	65
30	High aboveground carbon stock of African tropical montane forests. <i>Nature</i> , 2021, 596, 536-542.	27.8	65
31	Sources of variation in the nesting behavior of chimpanzees ( <i>Pan troglodytes schweinfurthii</i> ) in the Budongo forest, Uganda. <i>American Journal of Primatology</i> , 2001, 55, 49-55.	1.7	62
32	Transboundary conservation in the greater Virunga landscape: Its importance for landscape species. <i>Biological Conservation</i> , 2007, 134, 279-287.	4.1	62
33	Camera-trapping forest woodland wildlife of western Uganda reveals how gregariousness biases estimates of relative abundance and distribution. <i>Biological Conservation</i> , 2010, 143, 521-528.	4.1	62
34	A metric for spatially explicit contributions to science-based species targets. <i>Nature Ecology and Evolution</i> , 2021, 5, 836-844.	7.8	61
35	Mapping out a future for ungulate migrations. <i>Science</i> , 2021, 372, 566-569.	12.6	61
36	Catastrophic Decline of World's Largest Primate: 80% Loss of Grauer's Gorilla ( <i>Gorilla beringei</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.5	61

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37	Edge Effects on the Understory Bird Community in a Logged Forest in Uganda. <i>Conservation Biology</i> , 2000, 14, 265-276.	4.7	60
38	The effects of trampling damage by herbivores on the vegetation of the Parc National des Volcans, Rwanda. <i>African Journal of Ecology</i> , 1994, 32, 115-129.	0.9	58
39	Seasonality in elephant dung decay and implications for censusing and population monitoring in south-western Cameroon. <i>African Journal of Ecology</i> , 2001, 39, 24-32.	0.9	57
40	Understanding complex drivers of wildlife crime to design effective conservation interventions. <i>Conservation Biology</i> , 2019, 33, 1296-1306.	4.7	56
41	Censusing large mammals in Kibale National Park: evaluation of the intensity of sampling required to determine change. <i>African Journal of Ecology</i> , 2010, 48, 953-961.	0.9	51
42	A Severe Lack of Evidence Limits Effective Conservation of the World's Primates. <i>BioScience</i> , 2020, 70, 794-803.	4.9	51
43	Seed germination and early seedling establishment of some elephant-dispersed species in Banyang-Mbo Wildlife Sanctuary, south-western Cameroon. <i>Journal of Tropical Ecology</i> , 2003, 19, 229-237.	1.1	50
44	Long-Term Temporal and Spatial Dynamics of Food Availability for Endangered Mountain Gorillas in Volcanoes National Park, Rwanda. <i>American Journal of Primatology</i> , 2013, 75, 267-280.	1.7	48
45	Annual cycles are the most common reproductive strategy in African tropical tree communities. <i>Biotropica</i> , 2018, 50, 418-430.	1.6	48
46	Line Transect Sampling of Primates: Can Animal-to-Observer Distance Methods Work?. <i>International Journal of Primatology</i> , 2010, 31, 485-499.	1.9	46
47	Synergies between the key biodiversity area and systematic conservation planning approaches. <i>Conservation Letters</i> , 2019, 12, e12625.	5.7	46
48	Bird communities in logged and unlogged compartments in Budongo Forest, Uganda. <i>Forest Ecology and Management</i> , 1998, 108, 115-126.	3.2	45
49	Floristic evidence for alternative biome states in tropical Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28183-28190.	7.1	41
50	Effect of gap size and age on climber abundance and diversity in Budongo Forest Reserve, Uganda. <i>African Journal of Ecology</i> , 2000, 38, 230-237.	0.9	36
51	The effects of the Rwandan civil war on poaching of ungulates in the Parc National des Volcans. <i>Oryx</i> , 1997, 31, 265-273.	1.0	32
52	Forecasting ecosystem responses to climate change across Africa's Albertine Rift. <i>Biological Conservation</i> , 2017, 209, 464-472.	4.1	31
53	The distribution of the Bururi Long-fingered Frog ( <i>Cardioglossa cyaneospila</i> , family Arthroleptidae), a poorly known Albertine Rift endemic. <i>Zootaxa</i> , 2016, 4170, 355.	0.5	30
54	Conservation of the endemic species of the Albertine Rift under future climate change. <i>Biological Conservation</i> , 2018, 220, 67-75.	4.1	29

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55	Bwindi Impenetrable National Park, Uganda: gorilla census 1997. <i>Oryx</i> , 2001, 35, 39-47.	1.0	28
56	The chemical composition of montane plants and its influence on the diet of the large mammalian herbivores in the Parc National des Volcans, Rwanda. <i>Journal of Zoology</i> , 1995, 235, 323-337.	1.7	28
57	Cytomegalovirus distribution and evolution in hominines. <i>Virus Evolution</i> , 2019, 5, vez015.	4.9	26
58	Estimating population sizes of lions <i>Panthera leo</i> and spotted hyaenas <i>Crocuta crocuta</i> in Uganda's savannah parks, using lure count methods. <i>Oryx</i> , 2014, 48, 394-401.	1.0	21
59	Primate census and survey techniques. , 2013, , 10-26.		21
60	The ecology of tree reproduction in an African medium altitude rain forest. <i>Biotropica</i> , 2018, 50, 405-417.	1.6	20
61	Climate reverses directionality in the richness–abundance relationship across the World's main forest biomes. <i>Nature Communications</i> , 2020, 11, 5635.	12.8	20
62	Predicting range shifts of African apes under global change scenarios. <i>Diversity and Distributions</i> , 2021, 27, 1663-1679.	4.1	20
63	Are We Capturing Faunal Intactness? A Comparison of Intact Forest Landscapes and the ‘Last of the Wild in Each Ecoregion’. <i>Frontiers in Forests and Global Change</i> , 2019, 2, .	2.3	19
64	A Simple, Cost-Effective Method for Involving Stakeholders in Spatial Assessments of Threats to Biodiversity. <i>Human Dimensions of Wildlife</i> , 2006, 11, 43-54.	1.8	18
65	Taking It for a Test Drive: A Hybrid Spatio-Temporal Model for Wildlife Poaching Prediction Evaluated Through a Controlled Field Test. <i>Lecture Notes in Computer Science</i> , 2017, , 292-304.	1.3	18
66	The socio-economics of artisanal mining and bushmeat hunting around protected areas: Kahuzi–Biega National Park and Itombwe Nature Reserve, eastern Democratic Republic of Congo. <i>Oryx</i> , 2019, 53, 136-144.	1.0	18
67	Spatial priorities for conserving the most intact biodiverse forests within Central Africa. <i>Environmental Research Letters</i> , 2020, 15, 0940b5.	5.2	18
68	Shifting cultivation along the Trans-African Highway and its impact on the understorey bird community in the Ituri Forest, Zaire. <i>Bird Conservation International</i> , 1997, 7, 317-329.	1.3	17
69	Assessing the Threat of Amphibian Chytrid Fungus in the Albertine Rift: Past, Present and Future. <i>PLoS ONE</i> , 2015, 10, e0145841.	2.5	17
70	A sharp floristic discontinuity revealed by the biogeographic regionalization of African savannas. <i>Journal of Biogeography</i> , 2019, 46, 454-465.	3.0	17
71	The effects of the Rwandan civil war on poaching of ungulates in the Parc National des Volcans. <i>Oryx</i> , 1997, 31, 265.	1.0	16
72	Lessons Learned from On-the-Ground Conservation in Rwanda and the Democratic Republic of the Congo. <i>Journal of Sustainable Forestry</i> , 2003, 16, 69-88.	1.4	16

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73	Making the Most of Our Regrets: Regret-Based Solutions to Handle Payoff Uncertainty and Elicitation in Green Security Games. Lecture Notes in Computer Science, 2015, , 170-191.	1.3	16
74	Testing the effectiveness of surrogate species for conservation planning in the Greater Virunga Landscape, Africa. Landscape and Urban Planning, 2016, 145, 1-11.	7.5	15
75	Optimal Patrol Planning for Green Security Games with Black-Box Attackers. Lecture Notes in Computer Science, 2017, , 458-477.	1.3	15
76	Modelling the impact of large herbivores on the food supply of mountain gorillas and implications for management. Biological Conservation, 1996, 75, 147-155.	4.1	14
77	Identifying a potential lion <i>Panthera leo</i> stronghold in Queen Elizabeth National Park, Uganda, and Parc National des Virunga, Democratic Republic of Congo. Oryx, 2009, 43, 60.	1.0	13
78	Understanding ranger motivation and job satisfaction to improve wildlife protection in Kahuziâ€“Biega National Park, eastern Democratic Republic of the Congo. Oryx, 2019, 53, 460-468.	1.0	13
79	Conservation of vertebrates and plants in Uganda: Identifying Key Biodiversity Areas and other sites of national importance. Conservation Science and Practice, 2019, 1, e7.	2.0	12
80	Seasonality in elephant dung decay and implications for censusing and population monitoring in south-western Cameroon. African Journal of Ecology, 2001, 39, 24-32.	0.9	12
81	Forecasting potential routes for movement of endemic birds among important sites for biodiversity in the Albertine Rift under projected climate change. Ecography, 2018, 41, 401-413.	4.5	11
82	Stay Ahead of Poachers: Illegal Wildlife Poaching Prediction and Patrol Planning Under Uncertainty with Field Test Evaluations (Short Version). , 2020, , .		11
83	The Diets, Preferences, and Overlap of the Primate Community in the Budongo Forest Reserve, Uganda. , 2006, , 345-371.		11
84	Conservation Theology for Conservation Biologists? a Reply to David Orr. Conservation Biology, 2005, 19, 1689-1692.	4.7	10
85	Quantitative estimates of glacial refugia for chimpanzees ( <i>Pan troglodytes</i> ) since the Last Interglacial (120,000 BP). American Journal of Primatology, 2021, 83, e23320.	1.7	10
86	Conservation of vertebrates and plants in Uganda: Identifying Key Biodiversity Areas and other sites of national importance. Conservation Science and Practice, 2019, 1, e7.	2.0	10
87	Support for Congolese Conservationists. Science, 2000, 288, 617c-617.	12.6	10
88	<p><strong>One or two species? On the case of <em>Hyperolius</em> <em>discodactylus</em> Ahl, 1931 and H. alticola Ahl, 1931 (Anura: Tj ETQq0 0 0 rgBT /Overlock 10 Tfr56 137 Td (Hyperolii</p>		10
89	Species conservation on humanâ€“dominated landscapes: the case of crowned crane breeding and distribution outside protected areas in Uganda. African Journal of Ecology, 2010, 48, 119-125.	0.9	8
90	Establishing the Itombwe Natural Reserve: science, participatory consultations and zoning. Oryx, 2019, 53, 49-57.	1.0	8

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91	Conservation planning for Africa's Albertine Rift: conserving a biodiverse region in the face of multiple threats. <i>Oryx</i> , 2021, 55, 302-310.	1.0	8
92	Predicting poaching for wildlife Protection. <i>IBM Journal of Research and Development</i> , 2017, 61, 3:1-3:12.	3.1	7
93	Comparative niche modeling of two bush-shrikes (<i>Laniarius</i>) and the conservation of mid-elevation Afromontane forests of the Albertine Rift. <i>Condor</i> , 2018, 120, 803-814.	1.6	7
94	Reconsidering priorities for forest conservation when considering the threats of mining and armed conflict. <i>Ambio</i> , 2022, 51, 2007-2024.	5.5	7
95	Changes in Grauer's gorilla (<i>Gorilla beringei graueri</i>) and other primate populations in the Kahuziâ€Biega National Park and Oku Community Reserve, the heart of Grauer's gorilla global range. <i>American Journal of Primatology</i> , 2021, 83, e23288.	1.7	6
96	The current status of gorillas and threats to their existence at the beginning of a new millennium. , 2002, , 414-431.		5
97	Redefining and mapping global irreplaceability. <i>Conservation Biology</i> , 2022, 36, .	4.7	4
98	Rangeâ€wide indicators of African great ape density distribution. <i>American Journal of Primatology</i> , 2021, 83, e23338.	1.7	4
99	Albertine Rift, Africa. , 2012, , 33-44.		3
100	Home Ranges of Ishasha Lions: Size and Location in Relation to Habitat and Prey Availability. <i>Journal of East African Natural History</i> , 2015, 104, 227-246.	0.6	3
101	A new species of Aframomum (Zingiberaceae) from D.R. Congo. <i>Phytotaxa</i> , 2017, 298, 277.	0.3	3
102	Ranging behaviour of Ugandaâ€™s elephants. <i>African Journal of Ecology</i> , 2020, 58, 2-13.	0.9	3
103	A Bayesian Dirichlet process community occupancy model to estimate community structure and species similarity. <i>Ecological Applications</i> , 2021, 31, e02249.	3.8	3
104	Evidence of deterrence from patrol data: Trialling application of a differencedâ€™<sc>CPUE</sc> metric. <i>Conservation Science and Practice</i> , 0, , .	2.0	3
105	The use of research: how science in Uganda's National Parks has been applied. , 2008, , 15-26.		1
106	New survey reveals dramatic decline of Grauer's gorilla. <i>Oryx</i> , 2016, 50, 203-203.	1.0	1
107	Extent of biodiversity surveys and ranges for endemic species in the Albertine Rift. <i>Data in Brief</i> , 2018, 18, 1907-1913.	1.0	1
108	Identifying a potential lion <i>Panthera leo</i> stronghold in Queen Elizabeth National Park, Uganda, and Parc National des Virunga, Democratic Republic of Congoâ€™Erratum. <i>Oryx</i> , 2009, 43, 658.	1.0	0

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109	Two nests of Nahan's Francolin in the Budongo Forest Reserve, Uganda. Bulletin of the African Bird Club, 1996, 3, 37-38.	0.1	0
110	Response: Where Might We Find Ecologically Intact Communities?. Frontiers in Forests and Global Change, 2022, 5, .	2.3	0