

# Katharine A Abernethy

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

6,423  
citations

94433

37  
h-index

91884

69  
g-index

81  
all docs

81  
docs citations

81  
times ranked

7835  
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	Wild meat: the bigger picture. <i>Trends in Ecology and Evolution</i> , 2003, 18, 351-357.	8.7	544
3	Catastrophic ape decline in western equatorial Africa. <i>Nature</i> , 2003, 422, 611-614.	27.8	530
4	Asynchronous carbon sink saturation in African and Amazonian tropical forests. <i>Nature</i> , 2020, 579, 80-87.	27.8	439
5	Bushmeat hunting and extinction risk to the world's mammals. <i>Royal Society Open Science</i> , 2016, 3, 160498.	2.4	349
6	Western gorilla diet: A synthesis from six sites. <i>American Journal of Primatology</i> , 2004, 64, 173-192.	1.7	269
7	Role of Prices and Wealth in Consumer Demand for Bushmeat in Gabon, Central Africa. <i>Conservation Biology</i> , 2005, 19, 268-274.	4.7	190
8	The role of Pleistocene refugia and rivers in shaping gorilla genetic diversity in central Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20432-20436.	7.1	170
9	Mapping tropical forest biomass with radar and spaceborne LiDAR in Lopé National Park, Gabon: overcoming problems of high biomass and persistent cloud. <i>Biogeosciences</i> , 2012, 9, 179-191.	3.3	165
10	Extent and ecological consequences of hunting in Central African rainforests in the twenty-first century. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120303.	4.0	149
11	Hordes of mandrills ( <i>Mandrillus sphinx</i> ): extreme group size and seasonal male presence. <i>Journal of Zoology</i> , 2002, 258, 131-137.	1.7	145
12	Wild <i>Mandrillus sphinx</i> Are Carriers of Two Types of Lentivirus. <i>Journal of Virology</i> , 2001, 75, 7086-7096.	3.4	133
13	Leopard prey choice in the Congo Basin rainforest suggests exploitative competition with human bushmeat hunters. <i>Journal of Zoology</i> , 2011, 285, 11-20.	1.7	112
14	The establishment of a hybrid zone between red and sika deer (genus <i>Cervus</i> ). <i>Molecular Ecology</i> , 1994, 3, 551-562.	3.9	109
15	Aboveground biomass density models for NASA's Global Ecosystem Dynamics Investigation (GEDI) lidar mission. <i>Remote Sensing of Environment</i> , 2022, 270, 112845.	11.0	108
16	Protected Areas in Tropical Africa: Assessing Threats and Conservation Activities. <i>PLoS ONE</i> , 2014, 9, e114154.	2.5	100
17	Molecular evidence for deep phylogenetic divergence in <i>Mandrillus sphinx</i> . <i>Molecular Ecology</i> , 2003, 12, 2019-2024.	3.9	88
18	Synthesising bushmeat research effort in West and Central Africa: A new regional database. <i>Biological Conservation</i> , 2015, 181, 199-205.	4.1	87

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19	Distribution and Use of Income from Bushmeat in a Rural Village, Central Gabon. <i>Conservation Biology</i> , 2010, 24, 1510-1518.	4.7	86
20	Leopard food habits in the Lope National Park, Gabon, Central Africa. <i>African Journal of Ecology</i> , 2005, 43, 21-28.	0.9	78
21	Assessing Africa-wide Pangolin Exploitation by Scaling Local Data. <i>Conservation Letters</i> , 2018, 11, e12389.	5.7	75
22	Why People Eat Bushmeat: Results From Two-Choice, Taste Tests in Gabon, Central Africa. <i>Human Ecology</i> , 2006, 34, 433-445.	1.4	73
23	High levels of SIVmnd-1 replication in chronically infected <i>Mandrillus sphinx</i> . <i>Virology</i> , 2003, 317, 119-127.	2.4	71
24	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021, 260, 108849.	4.1	71
25	Mitochondrial DNA phylogeography of western lowland gorillas ( <i>Gorilla gorilla gorilla</i> ). <i>Molecular Ecology</i> , 2004, 13, 1551-1565.	3.9	67
26	Ten days in the life of a mandrill horde in the Lopé Reserve, Gabon. , 1996, 40, 297-313.		66
27	Current issues in tropical phenology: a synthesis. <i>Biotropica</i> , 2018, 50, 477-482.	1.6	61
28	Wild Meat Is Still on the Menu: Progress in Wild Meat Research, Policy, and Practice from 2002 to 2020. <i>Annual Review of Environment and Resources</i> , 2021, 46, 221-254.	13.4	61
29	Comparison of Small- and Large-Footprint Lidar Characterization of Tropical Forest Aboveground Structure and Biomass: A Case Study From Central Gabon. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 3512-3526.	4.9	60
30	Environmental Issues in Central Africa. <i>Annual Review of Environment and Resources</i> , 2016, 41, 1-33.	13.4	56
31	Social and Ecological Change over a Decade in a Village Hunting System, Central Gabon. <i>Conservation Biology</i> , 2013, 27, 270-280.	4.7	54
32	<i>In Situ</i> Reference Datasets From the TropiSAR and AfriSAR Campaigns in Support of Upcoming Spaceborne Biomass Missions. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 3617-3627.	4.9	49
33	Annual cycles are the most common reproductive strategy in African tropical tree communities. <i>Biotropica</i> , 2018, 50, 418-430.	1.6	48
34	Long-term collapse in fruit availability threatens Central African forest megafauna. <i>Science</i> , 2020, 370, 1219-1222.	12.6	45
35	African Savanna-Forest Boundary Dynamics: A 20-Year Study. <i>PLoS ONE</i> , 2016, 11, e0156934.	2.5	44
36	Fourier analysis to detect phenological cycles using long-term tropical field data and simulations. <i>Methods in Ecology and Evolution</i> , 2017, 8, 530-540.	5.2	43

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37	The emergence of a commercial trade in pangolins from Gabon. <i>African Journal of Ecology</i> , 2018, 56, 601-609.	0.9	43
38	Grass Species Flammability, Not Biomass, Drives Changes in Fire Behavior at Tropical Forest-Savanna Transitions. <i>Frontiers in Forests and Global Change</i> , 2018, 1, .	2.3	43
39	ENSO Drives interannual variation of forest woody growth across the tropics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170410.	4.0	41
40	Chloroplast DNA variation in a rainforest tree ( <i>Aucoumea klaineana</i> , Burseraceae) in Gabon. <i>Molecular Ecology</i> , 2000, 9, 359.	3.9	39
41	COVID-19, Systemic Crisis, and Possible Implications for the Wild Meat Trade in Sub-Saharan Africa. <i>Environmental and Resource Economics</i> , 2020, 76, 1045-1066.	3.2	38
42	Pantropical modelling of canopy functional traits using Sentinel-2 remote sensing data. <i>Remote Sensing of Environment</i> , 2021, 252, 112122.	11.0	38
43	Logging Speeds Little Red Fire Ant Invasion of Africa. <i>Biotropica</i> , 2004, 36, 637-641.	1.6	35
44	Distinguishing gorilla mitochondrial sequences from nuclear integrations and PCR recombinants: Guidelines for their diagnosis in complex sequence databases. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 553-566.	2.7	34
45	Robust ecological analysis of camera trap data labelled by a machine learning model. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1080-1092.	5.2	34
46	The Role of Forest Elephants in Shaping Tropical Forestâ€“Savanna Coexistence. <i>Ecosystems</i> , 2020, 23, 602-616.	3.4	33
47	Evaluating the potential of fullâ€“waveform lidar for mapping panâ€“tropical tree species richness. <i>Global Ecology and Biogeography</i> , 2020, 29, 1799-1816.	5.8	31
48	Investigating temporal changes in hybridization and introgression in a predominantly bimodal hybridizing population of invasive sika ( <i>Cervus nippon</i> ) and native red deer ( <i>C. elaphus</i> ) on the Kintyre Peninsula, Scotland. <i>Molecular Ecology</i> , 2010, 19, 910-924.	3.9	25
49	Biological and environmental degradation of gorilla hair and microsatellite amplification success. <i>Biological Journal of the Linnean Society</i> , 2007, 91, 281-294.	1.6	22
50	Home-range Use by a Large Horde of Wild Mandrillus sphinx. <i>International Journal of Primatology</i> , 2010, 31, 627-645.	1.9	22
51	Singleâ€“nucleotide polymorphism discovery and panel characterization in the African forest elephant. <i>Ecology and Evolution</i> , 2018, 8, 2207-2217.	1.9	20
52	Exploring the relation between remotely sensed vertical canopy structure and tree species diversity in Gabon. <i>Environmental Research Letters</i> , 2019, 14, 094013.	5.2	20
53	Rare ground data confirm significant warming and drying in western equatorial Africa. <i>PeerJ</i> , 2020, 8, e8732.	2.0	19
54	MASTREE+: Timeâ€“series of plant reproductive effort from six continents. <i>Global Change Biology</i> , 2022, 28, 3066-3082.	9.5	19

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55	Two Distinct STLV-1 Subtypes Infecting <i>Mandrillus sphinx</i> Follow the Geographic Distribution of Their Hosts. <i>AIDS Research and Human Retroviruses</i> , 2004, 20, 1137-1143.	1.1	17
56	A distinct ecotonal tree community exists at central African forest-savanna transitions. <i>Journal of Ecology</i> , 2021, 109, 1170-1183.	4.0	17
57	Towards effective monitoring of tropical phenology: maximizing returns and reducing uncertainty in long-term studies. <i>Biotropica</i> , 2018, 50, 455-464.	1.6	16
58	Who killed Porthos? Genetic tracking of a gorilla death. <i>Integrative Zoology</i> , 2007, 2, 111-119.	2.6	15
59	Gallery forests versus bosquets: conservation of natural fragments at LopÃ© National Park in central Gabon. <i>African Journal of Ecology</i> , 2007, 45, 476-482.	0.9	13
60	Fine root dynamics across pantropical rainforest ecosystems. <i>Global Change Biology</i> , 2021, 27, 3657-3680.	9.5	13
61	Can Taxation Contribute to Sustainable Management of the Bushmeat Trade? Evidence from Gabon and Cameroon. <i>Journal of International Wildlife Law and Policy</i> , 2006, 9, 335-349.	0.5	12
62	Rethinking tropical phenology: insights from long-term monitoring and novel analytical methods. <i>Biotropica</i> , 2018, 50, 371-373.	1.6	11
63	The role of incentive-based instruments and social equity in conservation conflict interventions. <i>Ecology and Society</i> , 2021, 26, .	2.3	10
64	Functional susceptibility of tropical forests to climate change. <i>Nature Ecology and Evolution</i> , 2022, 6, 878-889.	7.8	8
65	Biodiversity and conservation genetics research in Central Africa: new approaches and avenues for international collaboration. <i>Conservation Genetics Resources</i> , 2012, 4, 523-525.	0.8	6
66	Monitoring Mega-Crown Leaf Turnover from Space. <i>Remote Sensing</i> , 2020, 12, 429.	4.0	5
67	Structural and floristic typology of the forests in the forest-savanna mosaic of the LopÃ© National Park, Gabon. <i>Plant Ecology and Evolution</i> , 2011, 144, 255-266.	0.7	4
68	Changes in Livelihood Practices, Strategies and Dependence on Bushmeat in Two Provinces in Gabon. <i>International Forestry Review</i> , 2019, 21, 108-127.	0.6	4
69	WILDMEAT interventions database: A new database of interventions addressing unsustainable wild meat hunting, consumption and trade. <i>African Journal of Ecology</i> , 2022, 60, 205-211.	0.9	4
70	New Range Limits of the Sun-Tailed Monkey, <i>Cercopithecus solatus</i> , in Central Gabon. <i>Primate Conservation</i> , 2010, 25, 33-41.	0.6	2
71	Editorial 57(4). <i>African Journal of Ecology</i> , 2019, 57, 453-453.	0.9	0
72	Editorial 58(1). <i>African Journal of Ecology</i> , 2020, 58, 1-1.	0.9	0

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73	Editorial 58(3). African Journal of Ecology, 2020, 58, 347-347.	0.9	0