

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	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
2	MASTREE+: Time-series of plant reproductive effort from six continents. <i>Global Change Biology</i> , 2022, 28, 3066-3082.	9.5	19
3	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
4	Functional susceptibility of tropical forests to climate change. <i>Nature Ecology and Evolution</i> , 2022, 6, 878-889.	7.8	8
5	Pantropical modelling of canopy functional traits using Sentinel-2 remote sensing data. <i>Remote Sensing of Environment</i> , 2021, 252, 112122.	11.0	38
6	A distinct ecotonal tree community exists at central African forest-savanna transitions. <i>Journal of Ecology</i> , 2021, 109, 1170-1183.	4.0	17
7	The role of incentive-based instruments and social equity in conservation conflict interventions. <i>Ecology and Society</i> , 2021, 26, .	2.3	10
8	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
9	Fine root dynamics across pantropical rainforest ecosystems. <i>Global Change Biology</i> , 2021, 27, 3657-3680.	9.5	13
10	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
11	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021, 260, 108849.	4.1	71
12	The Role of Forest Elephants in Shaping Tropical Forest-Savanna Coexistence. <i>Ecosystems</i> , 2020, 23, 602-616.	3.4	33
13	Editorial 58(1). <i>African Journal of Ecology</i> , 2020, 58, 1-1.	0.9	0
14	Evaluating the potential of full-waveform lidar for mapping pan-tropical tree species richness. <i>Global Ecology and Biogeography</i> , 2020, 29, 1799-1816.	5.8	31
15	Long-term collapse in fruit availability threatens Central African forest megafauna. <i>Science</i> , 2020, 370, 1219-1222.	12.6	45
16	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
17	Editorial 58(3). <i>African Journal of Ecology</i> , 2020, 58, 347-347.	0.9	0
18	Asynchronous carbon sink saturation in African and Amazonian tropical forests. <i>Nature</i> , 2020, 579, 80-87.	27.8	439

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19	Monitoring Mega-Crown Leaf Turnover from Space. <i>Remote Sensing</i> , 2020, 12, 429.	4.0	5
20	Rare ground data confirm significant warming and drying in western equatorial Africa. <i>PeerJ</i> , 2020, 8, e8732.	2.0	19
21	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
22	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
23	Editorial 57(4). <i>African Journal of Ecology</i> , 2019, 57, 453-453.	0.9	0
24	Single-nucleotide polymorphism discovery and panel characterization in the African forest elephant. <i>Ecology and Evolution</i> , 2018, 8, 2207-2217.	1.9	20
25	The emergence of a commercial trade in pangolins from Gabon. <i>African Journal of Ecology</i> , 2018, 56, 601-609.	0.9	43
26	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
27	Assessing Africa-wide Pangolin Exploitation by Scaling Local Data. <i>Conservation Letters</i> , 2018, 11, e12389.	5.7	75
28	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
29	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
30	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
31	Current issues in tropical phenology: a synthesis. <i>Biotropica</i> , 2018, 50, 477-482.	1.6	61
32	Annual cycles are the most common reproductive strategy in African tropical tree communities. <i>Biotropica</i> , 2018, 50, 418-430.	1.6	48
33	Rethinking tropical phenology: insights from long-term monitoring and novel analytical methods. <i>Biotropica</i> , 2018, 50, 371-373.	1.6	11
34	<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
35	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
36	African Savanna-Forest Boundary Dynamics: A 20-Year Study. <i>PLoS ONE</i> , 2016, 11, e0156934.	2.5	44

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37	Bushmeat hunting and extinction risk to the world's mammals. Royal Society Open Science, 2016, 3, 160498.	2.4	349
38	Environmental Issues in Central Africa. Annual Review of Environment and Resources, 2016, 41, 1-33.	13.4	56
39	Synthesising bushmeat research effort in West and Central Africa: A new regional database. Biological Conservation, 2015, 181, 199-205.	4.1	87
40	Protected Areas in Tropical Africa: Assessing Threats and Conservation Activities. PLoS ONE, 2014, 9, e114154.	2.5	100
41	Extent and ecological consequences of hunting in Central African rainforests in the twenty-first century. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120303.	4.0	149
42	Social and Ecological Change over a Decade in a Village Hunting System, Central Gabon. Conservation Biology, 2013, 27, 270-280.	4.7	54
43	Averting biodiversity collapse in tropical forest protected areas. Nature, 2012, 489, 290-294.	27.8	909
44	Mapping tropical forest biomass with radar and spaceborne LiDAR in LopÃ© National Park, Gabon: overcoming problems of high biomass and persistent cloud. Biogeosciences, 2012, 9, 179-191.	3.3	165
45	Biodiversity and conservation genetics research in Central Africa: new approaches and avenues for international collaboration. Conservation Genetics Resources, 2012, 4, 523-525.	0.8	6
46	Leopard prey choice in the Congo Basin rainforest suggests exploitative competition with human bushmeat hunters. Journal of Zoology, 2011, 285, 11-20.	1.7	112
47	Structural and floristic typology of the forests in the forest-savanna mosaic of the LopÃ© National Park, Gabon. Plant Ecology and Evolution, 2011, 144, 255-266.	0.7	4
48	Home-range Use by a Large Horde of Wild Mandrillus sphinx. International Journal of Primatology, 2010, 31, 627-645.	1.9	22
49	Distribution and Use of Income from Bushmeat in a Rural Village, Central Gabon. Conservation Biology, 2010, 24, 1510-1518.	4.7	86
50	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. Molecular Ecology, 2010, 19, 910-924.	3.9	25
51	New Range Limits of the Sun-Tailed Monkey, <i>Cercopithecus solatus</i> , in Central Gabon. Primate Conservation, 2010, 25, 33-41.	0.6	2
52	The role of Pleistocene refugia and rivers in shaping gorilla genetic diversity in central Africa. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20432-20436.	7.1	170
53	Distinguishing gorilla mitochondrial sequences from nuclear integrations and PCR recombinants: Guidelines for their diagnosis in complex sequence databases. Molecular Phylogenetics and Evolution, 2007, 43, 553-566.	2.7	34
54	Biological and environmental degradation of gorilla hair and microsatellite amplification success. Biological Journal of the Linnean Society, 2007, 91, 281-294.	1.6	22

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55	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
56	Who killed Porthos? Genetic tracking of a gorilla death. <i>Integrative Zoology</i> , 2007, 2, 111-119.	2.6	15
57	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
58	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
59	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
60	Leopard food habits in the Lope National Park, Gabon, Central Africa. <i>African Journal of Ecology</i> , 2005, 43, 21-28.	0.9	78
61	Mitochondrial DNA phylogeography of western lowland gorillas (<i>Gorilla gorilla gorilla</i>). <i>Molecular Ecology</i> , 2004, 13, 1551-1565.	3.9	67
62	Logging Speeds Little Red Fire Ant Invasion of Africa. <i>Biotropica</i> , 2004, 36, 637-641.	1.6	35
63	Western gorilla diet: A synthesis from six sites. <i>American Journal of Primatology</i> , 2004, 64, 173-192.	1.7	269
64	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
65	High levels of SIVmnd-1 replication in chronically infected <i>Mandrillus sphinx</i> . <i>Virology</i> , 2003, 317, 119-127.	2.4	71
66	Molecular evidence for deep phylogenetic divergence in <i>Mandrillus sphinx</i> . <i>Molecular Ecology</i> , 2003, 12, 2019-2024.	3.9	88
67	Catastrophic ape decline in western equatorial Africa. <i>Nature</i> , 2003, 422, 611-614.	27.8	530
68	Wild meat: the bigger picture. <i>Trends in Ecology and Evolution</i> , 2003, 18, 351-357.	8.7	544
69	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
70	Wild <i>Mandrillus sphinx</i> Are Carriers of Two Types of Lentivirus. <i>Journal of Virology</i> , 2001, 75, 7086-7096.	3.4	133
71	Chloroplast DNA variation in a rainforest tree (<i>Aucoumea klaineana</i> , Burseraceae) in Gabon. <i>Molecular Ecology</i> , 2000, 9, 359.	3.9	39
72	Ten days in the life of a mandrill horde in the LopÃ© Reserve, Gabon. , 1996, 40, 297-313.		66

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73	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