

Patrick A Jansen

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

6,088
citations

76326

40
h-index

79698

73
g-index

112
all docs

112
docs citations

112
times ranked

7868
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>CTFS</sc>â€œForest<sc>GEO</sc>: a worldwide network monitoring forests in an era of global change. <i>Global Change Biology</i> , 2015, 21, 528-549.	9.5	473
2	An estimate of the number of tropical tree species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7472-7477.	7.1	335
3	Quantifying levels of animal activity using camera trap data. <i>Methods in Ecology and Evolution</i> , 2014, 5, 1170-1179.	5.2	317
4	SEED MASS AND MAST SEEDING ENHANCE DISPERSAL BY A NEOTROPICAL SCATTER-HOARDING RODENT. <i>Ecological Monographs</i> , 2004, 74, 569-589.	5.4	316
5	Thieving rodents as substitute dispersers of megafaunal seeds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12610-12615.	7.1	249
6	Quantifying the sensitivity of camera traps: an adapted distance sampling approach. <i>Methods in Ecology and Evolution</i> , 2011, 2, 464-476.	5.2	185
7	Using seed-tagging methods for assessing post-dispersal seed fate in rodent-dispersed trees. <i>Forest Ecology and Management</i> , 2006, 223, 18-23.	3.2	175
8	Multiple Recruitment Limitation Causes Arrested Succession in Mediterranean Cork Oak Systems. <i>Ecosystems</i> , 2007, 10, 1220-1230.	3.4	156
9	Carbon storage in tropical forests correlates with taxonomic diversity and functional dominance on a global scale. <i>Global Ecology and Biogeography</i> , 2014, 23, 563-573.	5.8	150
10	Phylogenetic classification of the worldâ€™s tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1837-1842.	7.1	144
11	Automated identification of animal species in camera trap images. <i>Eurasip Journal on Image and Video Processing</i> , 2013, 2013, .	2.6	139
12	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. <i>Biological Conservation</i> , 2021, 253, 108907.	4.1	122
13	Standardized Assessment of Biodiversity Trends in Tropical Forest Protected Areas: The End Is Not in Sight. <i>PLoS Biology</i> , 2016, 14, e1002357.	5.6	117
14	Directed seed dispersal towards areas with low conspecific tree density by a scatterâ€œhoarding rodent. <i>Ecology Letters</i> , 2012, 15, 1423-1429.	6.4	116
15	An empirical evaluation of camera trap study design: How many, how long and when?. <i>Methods in Ecology and Evolution</i> , 2020, 11, 700-713.	5.2	115
16	Bias in estimating animal travel distance: the effect of sampling frequency. <i>Methods in Ecology and Evolution</i> , 2012, 3, 653-662.	5.2	110
17	Effects of wild ungulates on the regeneration, structure and functioning of temperate forests: A semi-quantitative review. <i>Forest Ecology and Management</i> , 2018, 424, 406-419.	3.2	101
18	Prey availability and temporal partitioning modulate felid coexistence in Neotropical forests. <i>PLoS ONE</i> , 2019, 14, e0213671.	2.5	86

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19	Negative density dependence of seed dispersal and seedling recruitment in a Neotropical palm. <i>Ecology Letters</i> , 2014, 17, 1111-1120.	6.4	84
20	Contrasting effects of defaunation on aboveground carbon storage across the global tropics. <i>Nature Communications</i> , 2016, 7, 11351.	12.8	80
21	Wildlife speed cameras: measuring animal travel speed and day range using camera traps. <i>Remote Sensing in Ecology and Conservation</i> , 2016, 2, 84-94.	4.3	79
22	A simple method for estimating the effective detection distance of camera traps. <i>Remote Sensing in Ecology and Conservation</i> , 2017, 3, 81-89.	4.3	78
23	Effects of sampling scale on patterns of habitat association in tropical trees. <i>Journal of Vegetation Science</i> , 2014, 25, 349-362.	2.2	77
24	Scatter hoarding by the Central American agouti: a test of optimal cache spacing theory. <i>Animal Behaviour</i> , 2009, 78, 1327-1333.	1.9	73
25	Hunting Increases Dispersal Limitation in the Tree <i>Carapa procera</i> , a Nontimber Forest Product. <i>Conservation Biology</i> , 2007, 21, 106-113.	4.7	71
26	Cascading effects of predator activity on tick-borne disease risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170453.	2.6	65
27	Deer presence rather than abundance determines the population density of the sheep tick, <i>Ixodes ricinus</i> , in Dutch forests. <i>Parasites and Vectors</i> , 2017, 10, 433.	2.5	65
28	Scatterhoarding Rodents and Tree Regeneration. <i>Monographiae Biologicae</i> , 2001, , 275-288.	0.1	63
29	Carrion fly-derived <scp>DNA</scp> metabarcoding is an effective tool for mammal surveys: Evidence from a known tropical mammal community. <i>Molecular Ecology Resources</i> , 2017, 17, e133-e145.	4.8	60
30	Movement patterns of three arboreal primates in a Neotropical moist forest explained by LiDAR-estimated canopy structure. <i>Landscape Ecology</i> , 2016, 31, 1849-1862.	4.2	57
31	Is farther seed dispersal better? Spatial patterns of offspring mortality in three rainforest tree species with different dispersal abilities. <i>Ecography</i> , 2008, 31, 43-52.	4.5	52
32	Clarifying assumptions behind the estimation of animal density from camera trap rates. <i>Journal of Wildlife Management</i> , 2013, 77, 876-876.	1.8	52
33	Long-term effects of wild ungulates on the structure, composition and succession of temperate forests. <i>Forest Ecology and Management</i> , 2019, 432, 478-488.	3.2	52
34	Tropical rodents change rapidly germinating seeds into long-term food supplies. <i>Oikos</i> , 2006, 113, 449-458.	2.7	50
35	Large-scale spatial variation in palm fruit abundance across a tropical moist forest estimated from high-resolution aerial photographs. <i>Ecography</i> , 2008, 31, 33-42.	4.5	50
36	Camera traps as sensor networks for monitoring animal communities. , 2009, , .		50

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37	Comparing diel activity patterns of wildlife across latitudes and seasons: Time transformations using day length. <i>Methods in Ecology and Evolution</i> , 2019, 10, 2057-2066.	5.2	50
38	The effect of feeding time on dispersal of <i>Virola</i> seeds by toucans determined from GPS tracking and accelerometers. <i>Acta Oecologica</i> , 2011, 37, 625-631.	1.1	49
39	Indirect interactions among tropical tree species through shared rodent seed predators: a novel mechanism of tree species coexistence. <i>Ecology Letters</i> , 2015, 18, 752-760.	6.4	47
40	Tri-trophic interactions affect density dependence of seed fate in a tropical forest palm. <i>Ecology Letters</i> , 2011, 14, 1093-1100.	6.4	46
41	Host specificity in a diverse Neotropical tick community: an assessment using quantitative network analysis and host phylogeny. <i>Parasites and Vectors</i> , 2016, 9, 372.	2.5	46
42	Host body size and the diversity of tick assemblages on Neotropical vertebrates. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2016, 5, 295-304.	1.5	45
43	Modeling the Spatial Distribution and Fruiting Pattern of a Key Tree Species in a Neotropical Forest: Methodology and Potential Applications. <i>PLoS ONE</i> , 2010, 5, e15002.	2.5	44
44	Establishment limitation of holm oak (<i>Quercus ilex</i> subsp. <i>ballota</i> (Desf.) Samp.) in a Mediterranean savanna " forest ecosystem. <i>Annals of Forest Science</i> , 2009, 66, 511-511.	2.0	43
45	A telemetric thread tag for tracking seed dispersal by scatter-hoarding rodents. <i>Plant Ecology</i> , 2012, 213, 933-943.	1.6	42
46	Food acquisition and predator avoidance in a Neotropical rodent. <i>Animal Behaviour</i> , 2014, 88, 41-48.	1.9	41
47	An Open Standard for Camera Trap Data. <i>Biodiversity Data Journal</i> , 2016, 4, e10197.	0.8	41
48	An assessment of the terrestrial mammal communities in forests of Central Panama, using camera-trap surveys. <i>Journal for Nature Conservation</i> , 2015, 26, 28-35.	1.8	40
49	The relative importance of above- versus belowground competition for tree growth during early succession of a tropical moist forest. <i>Plant Ecology</i> , 2012, 213, 25-34.	1.6	39
50	Seed predation and defleshing in the agouti-dispersed palm <i>Astrocaryum standleyanum</i> . <i>Journal of Tropical Ecology</i> , 2010, 26, 473-480.	1.1	38
51	Global camera trap synthesis highlights the importance of protected areas in maintaining mammal diversity. <i>Conservation Letters</i> , 2022, 15, .	5.7	35
52	Limited carbon and biodiversity co-benefits for tropical forest mammals and birds. <i>Ecological Applications</i> , 2016, 26, 1098-1111.	3.8	34
53	Methods for wildlife monitoring in tropical forests: Comparing human observations, camera traps, and passive acoustic sensors. <i>Conservation Science and Practice</i> , 2021, 3, .	2.0	34
54	Nocturnal activity by the primarily diurnal Central American agouti (<i>Dasyprocta punctata</i>) in relation to environmental conditions, resource abundance and predation risk. <i>Journal of Tropical Ecology</i> , 2009, 25, 211-215.	1.1	31

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55	Evidence for cache surveillance by a scatter-hoarding rodent. <i>Animal Behaviour</i> , 2013, 85, 1511-1516.	1.9	29
56	Patterns of nitrogen-fixing tree abundance in forests across Asia and America. <i>Journal of Ecology</i> , 2019, 107, 2598-2610.	4.0	29
57	Interspecific associations in seed arrival and seedling recruitment in a Neotropical forest. <i>Ecology</i> , 2016, 97, 2780-2790.	3.2	28
58	Ecological succession drives the structural change of seed-rodent interaction networks in fragmented forests. <i>Forest Ecology and Management</i> , 2018, 419-420, 42-50.	3.2	28
59	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. <i>Nature Communications</i> , 2021, 12, 3137.	12.8	28
60	Bruchid beetle infestation and the value of <i>Attalea butyracea</i> endocarps for neotropical rodents. <i>Journal of Tropical Ecology</i> , 2007, 23, 381-384.	1.1	27
61	Distorted distance models for directional dispersal: a general framework with application to a wind-dispersed tree. <i>Methods in Ecology and Evolution</i> , 2012, 3, 642-652.	5.2	27
62	Mapping Tropical Forest Trees Using High-Resolution Aerial Digital Photographs. <i>Biotropica</i> , 2013, 45, 308-316.	1.6	27
63	Quantifying seed dispersal kernels from truncated seed-tracking data. <i>Methods in Ecology and Evolution</i> , 2012, 3, 595-602.	5.2	25
64	Camera trapping reveals trends in forest duiker populations in African National Parks. <i>Remote Sensing in Ecology and Conservation</i> , 2020, 6, 168-180.	4.3	25
65	Above- and Below-ground Cascading Effects of Wild Ungulates in Temperate Forests. <i>Ecosystems</i> , 2021, 24, 153-167.	3.4	25
66	Tropical mammal functional diversity increases with productivity but decreases with anthropogenic disturbance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202098.	2.6	25
67	Effects of Food Availability on Space and Refuge Use by a Neotropical Scatterhoarding Rodent. <i>Biotropica</i> , 2013, 45, 88-93.	1.6	21
68	Prey refuges as predator hotspots: ocelot (<i>Leopardus pardalis</i>) attraction to agouti (<i>Dasyprocta</i>) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 2	1.1	21
69	Bushmeat Hunting and Climate: An Indirect Link. <i>Science</i> , 2010, 327, 30-30.	12.6	20
70	Tracking rodent-dispersed large seeds with Passive Integrated Transponder (<sc>PIT</sc>) tags. <i>Methods in Ecology and Evolution</i> , 2013, 4, 513-519.	5.2	20
71	Local host-tick coextinction in neotropical forest fragments. <i>International Journal for Parasitology</i> , 2019, 49, 225-233.	3.1	20
72	SPATIAL CONTAGIOUSNESS OF CANOPY DISTURBANCE IN TROPICAL RAIN FOREST: AN INDIVIDUAL-TREE-BASED TEST. <i>Ecology</i> , 2008, 89, 3490-3502.	3.2	19

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73	A standardized assessment of forest mammal communities reveals consistent functional composition and vulnerability across the tropics. <i>Ecography</i> , 2020, 43, 75-84.	4.5	19
74	Scatter hoarding and cache pilferage by superior competitors: an experiment with wild boar, <i>Sus scrofa</i> . <i>Animal Behaviour</i> , 2014, 96, 107-115.	1.9	18
75	Agouti: A platform for processing and archiving of camera trap images. <i>Biodiversity Information Science and Standards</i> , 0, 3, .	0.0	18
76	Increased terrestriality in a Neotropical primate living on islands with reduced predation risk. <i>Journal of Human Evolution</i> , 2020, 143, 102768.	2.6	17
77	Effectiveness of Panama as an intercontinental land bridge for large mammals. <i>Conservation Biology</i> , 2020, 34, 207-219.	4.7	16
78	Implications of shared predation for space use in two sympatric leporids. <i>Ecology and Evolution</i> , 2019, 9, 3457-3469.	1.9	15
79	Socio-spatial organization and kin structure in ocelots from integration of camera trapping and noninvasive genetics. <i>Journal of Mammalogy</i> , 2015, 96, 120-128.	1.3	14
80	Viability of small seeds found in feces of the Central American tapir on Barro Colorado Island, Panama. <i>Integrative Zoology</i> , 2013, 8, 57-62.	2.6	13
81	Quantifying the Availability of Vertebrate Hosts to Ticks: A Camera-Trapping Approach. <i>Frontiers in Veterinary Science</i> , 2017, 4, 115.	2.2	13
82	A seed dispersal effectiveness framework across the mutualism-antagonism continuum. <i>Oikos</i> , 2022, 2022, .	2.7	13
83	Temperate forests respond in a non-linear way to a population gradient of wild deer. <i>Forestry</i> , 2021, 94, 502-511.	2.3	12
84	Site and species contribution to \hat{H}^2 -diversity in terrestrial mammal communities: Evidence from multiple Neotropical forest sites. <i>Science of the Total Environment</i> , 2021, 789, 147946.	8.0	12
85	Local temperature and ecological similarity drive distributional dynamics of tropical mammals worldwide. <i>Global Ecology and Biogeography</i> , 2019, 28, 976-991.	5.8	11
86	Detecting tropical wildlife declines through camera-trap monitoring: an evaluation of the Tropical Ecology Assessment and Monitoring protocol. <i>Oryx</i> , 2019, 53, 126-129.	1.0	11
87	On the scaling of activity in tropical forest mammals. <i>Oikos</i> , 2020, 129, 668-676.	2.7	11
88	<i>allodb</i> : An R package for biomass estimation at globally distributed extratropical forest plots. <i>Methods in Ecology and Evolution</i> , 2022, 13, 330-338.	5.2	11
89	Tick Microbiomes in Neotropical Forest Fragments Are Best Explained by Tick-Associated and Environmental Factors Rather than Host Blood Source. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	9
90	Cascading effects of defaunation on the coexistence of two specialized insect seed predators. <i>Journal of Animal Ecology</i> , 2017, 86, 136-146.	2.8	8

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91	Do protected areas in Panama support intact assemblages of ungulates?. <i>Therya</i> , 2016, 7, 65-76.	0.4	8
92	Mutual cheating strengthens a tropical seed dispersal mutualism. <i>Ecology</i> , 2022, 103, e03574.	3.2	8
93	Occupancy winners in tropical protected forests: a pantropical analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	2.6	8
94	Selection and spatial arrangement of rest sites within northern tamandua home ranges. <i>Journal of Zoology</i> , 2014, 293, 160-170.	1.7	7
95	Nest defensibility decreases home-range size in central place foragers. <i>Behavioral Ecology</i> , 2018, 29, 1038-1045.	2.2	6
96	Density dependence of daily activity in three ungulate species. <i>Ecology and Evolution</i> , 2021, 11, 7390-7398.	1.9	6
97	AMAZONIA CAMTRAP: A data set of mammal, bird, and reptile species recorded with camera traps in the Amazon forest. <i>Ecology</i> , 2022, 103, e3738.	3.2	6
98	Predatory Publishers and Plagiarism Prevention. <i>Science</i> , 2012, 336, 1380-1380.	12.6	4
99	Age structure in neutral theory resolves inconsistencies related to reproductive-size threshold. <i>Journal of Plant Ecology</i> , 2012, 5, 64-71.	2.3	4
100	Limited carbon and biodiversity co-benefits for tropical forest mammals and birds. , 2015, , .		3
101	Tick Burdens in a Small-Mammal Community in Virginia. <i>Northeastern Naturalist</i> , 2019, 26, 641.	0.3	2
102	Hope for Bohemian ecologists – comments on “A possible role of social activity to explain differences in publication output among ecologists?” by Tomáš Grim, <i>Oikos</i> 2008. <i>Web Ecology</i> , 2008, 8, 103-105.	1.6	1
103	Context-dependent responses of naïve ungulates to wolf-sound playback in a human-dominated landscape. <i>Animal Behaviour</i> , 2022, 185, 9-20.	1.9	1
104	<i>Amblyomma tapirellum</i> (Acari: Ixodidae) collected from tropical forest canopy. <i>F1000Research</i> , 2013, 2, 194.	1.6	0
105	<i>Amblyomma tapirellum</i> (Acari: Ixodidae) collected from tropical forest canopy. <i>F1000Research</i> , 2013, 2, 194.	1.6	0
106	Recruitment limitation in three large-seeded plant species in a tropical moist forest. <i>Biotropica</i> , 2022, 54, 418-430.	1.6	0
107	Detecting tropical wildlife declines through camera-trap monitoring: an evaluation of the Tropical Ecology Assessment and Monitoring protocol”CORRIGENDUM. <i>Oryx</i> , 2022, 56, 475-475.	1.0	0