

Roland Kays

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3807086/publications.pdf>

Version: 2024-02-01

181
papers

14,560
citations

27035

58
h-index

27587

110
g-index

189
all docs

189
docs citations

189
times ranked

14869
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A pilot study on the home range and movement patterns of the Andean Fox (<i>Lycalopex culpaeus</i>) (Molina, 1782) in Cotopaxi National Park, Ecuador. <i>Mammalia</i> , 2022, 86, 22-26. | 0.3 | 2 |
| 2 | A Quantitative Framework for Identifying Patterns of Route-Use in Animal Movement Data. <i>Frontiers in Ecology and Evolution</i> , 2022, 9, . | 1.1 | 4 |
| 3 | A Two-Species Occupancy Model with a Continuous-Time Detection Process Reveals Spatial and Temporal Interactions. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2022, 27, 321-338. | 0.7 | 17 |
| 4 | Global camera trap synthesis highlights the importance of protected areas in maintaining mammal diversity. <i>Conservation Letters</i> , 2022, 15, . | 2.8 | 35 |
| 5 | Population-level inference for home-range areas. <i>Methods in Ecology and Evolution</i> , 2022, 13, 1027-1041. | 2.2 | 8 |
| 6 | Which mammals can be identified from camera traps and crowdsourced photographs?. <i>Journal of Mammalogy</i> , 2022, 103, 767-775. | 0.6 | 12 |
| 7 | Perspectives in machine learning for wildlife conservation. <i>Nature Communications</i> , 2022, 13, 792. | 5.8 | 176 |
| 8 | Expert range maps of global mammal distributions harmonised to three taxonomic authorities. <i>Journal of Biogeography</i> , 2022, 49, 979-992. | 1.4 | 41 |
| 9 | The effect of urbanization on spatiotemporal interactions between gray foxes and coyotes. <i>Ecosphere</i> , 2022, 13, . | 1.0 | 14 |
| 10 | Biological Earth observation with animal sensors. <i>Trends in Ecology and Evolution</i> , 2022, 37, 293-298. | 4.2 | 49 |
| 11 | The Movebank system for studying global animal movement and demography. <i>Methods in Ecology and Evolution</i> , 2022, 13, 419-431. | 2.2 | 58 |
| 12 | Seasonal Patterns in Daily Flight Distance and Space Use by Great Egrets (<i>Ardea alba</i>). <i>Waterbirds</i> , 2022, 44, . | 0.2 | 0 |
| 13 | Globally, tree fecundity exceeds productivity gradients. <i>Ecology Letters</i> , 2022, 25, 1471-1482. | 3.0 | 11 |
| 14 | Integrating data types to estimate spatial patterns of avian migration across the Western Hemisphere. <i>Ecological Applications</i> , 2022, 32, e2679. | 1.8 | 11 |
| 15 | <sc>SNAPSHOT USA</sc> 2020: A second coordinated national camera trap survey of the United States during the <sc>COVID</sc> pandemic. <i>Ecology</i> , 2022, 103, . | 1.5 | 11 |
| 16 | What drives spatially varying ecological relationships in a wide-ranging species?. <i>Diversity and Distributions</i> , 2022, 28, 1752-1768. | 1.9 | 6 |
| 17 | MoveApps: a serverless no-code analysis platform for animal tracking data. <i>Movement Ecology</i> , 2022, 10, . | 1.3 | 7 |
| 18 | Can mammals thrive near urban areas in the Neotropics? Characterizing the community of a reclaimed tropical forest. <i>Tropical Ecology</i> , 2021, 62, 174-185. | 0.6 | 2 |

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|----|--|-----|-----------|
| 19 | Candid Critters: Challenges and Solutions in a Large-Scale Citizen Science Camera Trap Project. <i>Citizen Science: Theory and Practice</i> , 2021, 6, . | 0.6 | 17 |
| 20 | Disturbance type and species life history predict mammal responses to humans. <i>Global Change Biology</i> , 2021, 27, 3718-3731. | 4.2 | 62 |
| 21 | Estimating encounter location distributions from animal tracking data. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1158-1173. | 2.2 | 21 |
| 22 | SNAPSHOT USA 2019: a coordinated national camera trap survey of the United States. <i>Ecology</i> , 2021, 102, e03353. | 1.5 | 36 |
| 23 | Carolina critters: a collection of camera trap data from wildlife surveys across North Carolina. <i>Ecology</i> , 2021, 102, e03372. | 1.5 | 4 |
| 24 | Tracking the decline of weasels in North America. <i>PLoS ONE</i> , 2021, 16, e0254387. | 1.1 | 8 |
| 25 | Home range variation in leopards living across the human density gradient. <i>Journal of Mammalogy</i> , 2021, 102, 1138-1148. | 0.6 | 15 |
| 26 | Empirical evaluation of the spatial scale and detection process of camera trap surveys. <i>Movement Ecology</i> , 2021, 9, 41. | 1.3 | 10 |
| 27 | Arboreal monkeys facilitate foraging of terrestrial frugivores. <i>Biotropica</i> , 2021, 53, 1685-1697. | 0.8 | 9 |
| 28 | Evaluation of the Spatial Biases and Sample Size of a Statewide Citizen Science Project. <i>Citizen Science: Theory and Practice</i> , 2021, 6, 34. | 0.6 | 5 |
| 29 | Wildlife Insights: A Platform to Maximize the Potential of Camera Trap and Other Passive Sensor Wildlife Data for the Planet. <i>Environmental Conservation</i> , 2020, 47, 1-6. | 0.7 | 84 |
| 30 | Diurnal timing of nonmigratory movement by birds: the importance of foraging spatial scales. <i>Journal of Avian Biology</i> , 2020, 51, . | 0.6 | 1 |
| 31 | 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. | 2.2 | 115 |
| 32 | Coyotes living near cities are bolder: implications for dog evolution and human-wildlife conflict. <i>Behaviour</i> , 2020, 157, 289-313. | 0.4 | 16 |
| 33 | Does Use of Backyard Resources Explain the Abundance of Urban Wildlife?. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, . | 1.1 | 31 |
| 34 | Animal species classification using deep neural networks with noise labels. <i>Ecological Informatics</i> , 2020, 57, 101063. | 2.3 | 8 |
| 35 | Ecological insights from three decades of animal movement tracking across a changing Arctic. <i>Science</i> , 2020, 370, 712-715. | 6.0 | 75 |
| 36 | A Novel Framework to Protect Animal Data in a World of Ecosurveillance. <i>BioScience</i> , 2020, 70, 468-476. | 2.2 | 22 |

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|----|--|-----|-----------|
| 37 | Effects of body size on estimation of mammalian area requirements. <i>Conservation Biology</i> , 2020, 34, 1017-1028. | 2.4 | 51 |
| 38 | COVID-19 lockdown allows researchers to quantify the effects of human activity on wildlife. <i>Nature Ecology and Evolution</i> , 2020, 4, 1156-1159. | 3.4 | 413 |
| 39 | Foraging movements are density-independent among straw-coloured fruit bats. <i>Royal Society Open Science</i> , 2020, 7, 200274. | 1.1 | 10 |
| 40 | The small home ranges and large local ecological impacts of pet cats. <i>Animal Conservation</i> , 2020, 23, 516-523. | 1.5 | 52 |
| 41 | Bornâ€digital biodiversity data: Millions and billions. <i>Diversity and Distributions</i> , 2020, 26, 644-648. | 1.9 | 68 |
| 42 | Precipitous decline of white-lipped peccary populations in Mesoamerica. <i>Biological Conservation</i> , 2020, 242, 108410. | 1.9 | 16 |
| 43 | High variability within pet foods prevents the identification of native species in pet catsâ€™ diets using isotopic evaluation. <i>PeerJ</i> , 2020, 8, e8337. | 0.9 | 5 |
| 44 | Wildlife response to recreational trail building: An experimental method and Appalachian case study. <i>Journal for Nature Conservation</i> , 2020, 56, 125815. | 0.8 | 8 |
| 45 | Whiteâ€™tailed deer and coyote colonization: a response to Kilgo et al. (2019). <i>Journal of Wildlife Management</i> , 2019, 83, 1641-1643. | 0.7 | 2 |
| 46 | Large birds travel farther in homogeneous environments. <i>Global Ecology and Biogeography</i> , 2019, 28, 576-587. | 2.7 | 39 |
| 47 | Semantic region of interest and species classification in the deep neural network feature domain. <i>Ecological Informatics</i> , 2019, 52, 57-68. | 2.3 | 6 |
| 48 | Urbanization focuses carnivore activity in remaining natural habitats, increasing species interactions. <i>Journal of Applied Ecology</i> , 2019, 56, 1894-1904. | 1.9 | 61 |
| 49 | Effects on whiteâ€™tailed deer following eastern coyote colonization. <i>Journal of Wildlife Management</i> , 2019, 83, 916-924. | 0.7 | 14 |
| 50 | Animal Scanner: Software for classifying humans, animals, and empty frames in camera trap images. <i>Ecology and Evolution</i> , 2019, 9, 1578-1589. | 0.8 | 52 |
| 51 | Local host-tick coextinction in neotropical forest fragments. <i>International Journal for Parasitology</i> , 2019, 49, 225-233. | 1.3 | 20 |
| 52 | The oceanâ€™s movescape: fisheries management in the bio-logging decade (2018â€“2028). <i>ICES Journal of Marine Science</i> , 2019, 76, 477-488. | 1.2 | 58 |
| 53 | Canid collisionâ€™ expanding populations of coyotes (<i>Canis latrans</i>) and crab-eating foxes (<i>Cerdocyon</i>) Tj ETQq1 1 0.784314 1gBT /Over 0.6 15 | 0.6 | 15 |
| 54 | Scale-insensitive estimation of speed and distance traveled from animal tracking data. <i>Movement Ecology</i> , 2019, 7, 35. | 1.3 | 58 |

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|----|--|-----|-----------|
| 55 | Citizen Science in Schools: Students Collect Valuable Mammal Data for Science, Conservation, and Community Engagement. <i>BioScience</i> , 2019, 69, 69-79. | 2.2 | 42 |
| 56 | Hot monkey, cold reality: surveying rainforest canopy mammals using drone-mounted thermal infrared sensors. <i>International Journal of Remote Sensing</i> , 2019, 40, 407-419. | 1.3 | 82 |
| 57 | Children's attitudes towards animals are similar across suburban, exurban, and rural areas. <i>PeerJ</i> , 2019, 7, e7328. | 0.9 | 17 |
| 58 | Revised distributional estimates for the recently discovered olinguito (<i>Bassaricyon neblina</i>), with comments on natural and taxonomic history. <i>Journal of Mammalogy</i> , 2018, 99, 321-332. | 0.6 | 25 |
| 59 | Moving in the Anthropocene: Global reductions in terrestrial mammalian movements. <i>Science</i> , 2018, 359, 466-469. | 6.0 | 783 |
| 60 | Free-ranging domestic cats (<i>Felis catus</i>) on public lands: estimating density, activity, and diet in the Florida Keys. <i>Biological Invasions</i> , 2018, 20, 333-344. | 1.2 | 60 |
| 61 | High genomic diversity and candidate genes under selection associated with range expansion in eastern coyote (<i>Canis latrans</i>) populations. <i>Ecology and Evolution</i> , 2018, 8, 12641-12655. | 0.8 | 21 |
| 62 | Population Genomic Analysis of North American Eastern Wolves (<i>Canis lycaon</i>) Supports Their Conservation Priority Status. <i>Genes</i> , 2018, 9, 606. | 1.0 | 32 |
| 63 | Mapping the expansion of coyotes (<i>Canis latrans</i>) across North and Central America. <i>ZooKeys</i> , 2018, 759, 81-97. | 0.5 | 145 |
| 64 | Object detection from dynamic scene using joint background modeling and fast deep learning classification. <i>Journal of Visual Communication and Image Representation</i> , 2018, 55, 802-815. | 1.7 | 7 |
| 65 | Joint Temporal Point Pattern Models for Proximate Species Occurrence in a Fixed Area Using Camera Trap Data. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2018, 23, 334-357. | 0.7 | 5 |
| 66 | Is the Red Wolf a Listable Unit Under the US Endangered Species Act?. <i>Journal of Heredity</i> , 2018, 109, 585-597. | 1.0 | 44 |
| 67 | Mammal communities are larger and more diverse in moderately developed areas. <i>ELife</i> , 2018, 7, . | 2.8 | 52 |
| 68 | The value of citizen science for ecological monitoring of mammals. <i>PeerJ</i> , 2018, 6, e4536. | 0.9 | 33 |
| 69 | Stink or swim: techniques to meet the challenges for the study and conservation of small critters that hide, swim, or climb, and may otherwise make themselves unpleasant. , 2018, , . | | 0 |
| 70 | Does hunting or hiking affect wildlife communities in protected areas?. <i>Journal of Applied Ecology</i> , 2017, 54, 242-252. | 1.9 | 92 |
| 71 | Involving Citizen Scientists in Biodiversity Observation. , 2017, , 211-237. | | 32 |
| 72 | Coupling visitor and wildlife monitoring in protected areas using camera traps. <i>Journal of Outdoor Recreation and Tourism</i> , 2017, 17, 44-53. | 1.3 | 29 |

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|----|---|-----|-----------|
| 73 | Scaling camera traps: monitoring the planet's biodiversity with networks of remote sensors. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 26-34. | 1.9 | 287 |
| 74 | Fast human-animal detection from highly cluttered camera-trap images using joint background modeling and deep learning classification. , 2017, , . | | 40 |
| 75 | Defense of an expanded historical range for the Mexican wolf: A comment on Heffelfinger et al.. <i>Journal of Wildlife Management</i> , 2017, 81, 1331-1333. | 0.7 | 7 |
| 76 | Creating advocates for mammal conservation through citizen science. <i>Biological Conservation</i> , 2017, 208, 98-105. | 1.9 | 65 |
| 77 | Deer on the lookout: how hunting, hiking and coyotes affect white-tailed deer vigilance. <i>Journal of Zoology</i> , 2017, 301, 320-327. | 0.8 | 33 |
| 78 | Do occupancy or detection rates from camera traps reflect deer density?. <i>Journal of Mammalogy</i> , 2017, 98, 1547-1557. | 0.6 | 56 |
| 79 | Object segmentation in the deep neural network feature domain from highly cluttered natural scenes. , 2017, , . | | 3 |
| 80 | Track Annotation: Determining the Environmental Context of Movement Through the Air. , 2017, , 71-86. | | 2 |
| 81 | Managed forest as habitat for gray brocket deer (<i>Mazama gouazoubira</i>) in agricultural landscapes of southeastern Brazil. <i>Journal of Mammalogy</i> , 2017, , . | 0.6 | 3 |
| 82 | What's in Your School Yard? Using Citizen Science Wildlife Cameras to Conduct Authentic Scientific Investigations. <i>Science Scope (Washington, D C)</i> , 2017, 041, . | 0.1 | 3 |
| 83 | Admixture mapping identifies introgressed genomic regions in North American canids. <i>Molecular Ecology</i> , 2016, 25, 2443-2453. | 2.0 | 79 |
| 84 | Long-distance dispersal of a subadult male cougar from South Dakota to Connecticut documented with DNA evidence. <i>Journal of Mammalogy</i> , 2016, 97, 1435-1440. | 0.6 | 30 |
| 85 | 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. | 2.2 | 79 |
| 86 | The ecological impact of humans and dogs on wildlife in protected areas in eastern North America. <i>Biological Conservation</i> , 2016, 203, 75-88. | 1.9 | 93 |
| 87 | A multispecies occupancy model for two or more interacting species. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1164-1173. | 2.2 | 150 |
| 88 | Visual Informatics Tools for Supporting Large-Scale Collaborative Wildlife Monitoring with Citizen Scientists. <i>IEEE Circuits and Systems Magazine</i> , 2016, 16, 73-86. | 2.6 | 45 |
| 89 | A two-species occupancy model accommodating simultaneous spatial and interspecific dependence. <i>Ecology</i> , 2016, 97, 48-53. | 1.5 | 30 |
| 90 | Volunteer-run cameras as distributed sensors for macrosystem mammal research. <i>Landscape Ecology</i> , 2016, 31, 55-66. | 1.9 | 115 |

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|-----|---|-----|-----------|
| 91 | Differential Habitat Use or Intraguild Interactions: What Structures a Carnivore Community?. PLoS ONE, 2016, 11, e0146055. | 1.1 | 60 |
| 92 | An Open Standard for Camera Trap Data. Biodiversity Data Journal, 2016, 4, e10197. | 0.4 | 41 |
| 93 | Terrestrial animal tracking as an eye on life and planet. Science, 2015, 348, aaa2478. | 6.0 | 1,067 |
| 94 | Cats are rare where coyotes roam. Journal of Mammalogy, 2015, 96, 981-987. | 0.6 | 50 |
| 95 | Prescribed fire affects female white-tailed deer habitat use during summer lactation. Forest Ecology and Management, 2015, 348, 220-225. | 1.4 | 42 |
| 96 | Carnivore coexistence: America's recovery. Science, 2015, 347, 382-383. | 6.0 | 39 |
| 97 | Emerging Technologies to Conserve Biodiversity. Trends in Ecology and Evolution, 2015, 30, 685-696. | 4.2 | 240 |
| 98 | Identification of Novel Gammaherpesviruses in Ocelots (<i>Leopardus pardalis</i>) and Bobcats (<i>Lynx rufus</i>) in Panama and Colorado, USA. Journal of Wildlife Diseases, 2015, 51, 911-915. | 0.3 | 11 |
| 99 | Mesopredator release facilitates range expansion in fisher. Animal Conservation, 2015, 18, 50-61. | 1.5 | 29 |
| 100 | How long is enough to detect terrestrial animals? Estimating the minimum trapping effort on camera traps. PeerJ, 2014, 2, e374. | 0.9 | 58 |
| 101 | Deep convolutional neural network based species recognition for wild animal monitoring. , 2014, , . | | 95 |
| 102 | Patterns of Mortality in a Wild Population of White-Footed Mice. Northeastern Naturalist, 2014, 21, 323-336. | 0.1 | 11 |
| 103 | Prey refuges as predator hotspots: ocelot (<i>Leopardus pardalis</i>) attraction to agouti (<i>Dasyprocta</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.1 21 | | |
| 104 | Mammals in and around suburban yards, and the attraction of chicken coops. Urban Ecosystems, 2014, 17, 691-705. | 1.1 | 28 |
| 105 | Selection and spatial arrangement of rest sites within northern tamandua home ranges. Journal of Zoology, 2014, 293, 160-170. | 0.8 | 7 |
| 106 | Recommended guiding principles for reporting on camera trapping research. Biodiversity and Conservation, 2014, 23, 2321-2343. | 1.2 | 222 |
| 107 | Environmental drivers of variability in the movement ecology of turkey vultures (<i>Cathartes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.8 122 | | |
| 108 | Food acquisition and predator avoidance in a Neotropical rodent. Animal Behaviour, 2014, 88, 41-48. | 0.8 | 41 |

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|-----|---|-----|-----------|
| 109 | Assessment of coyote–wolf–dog admixture using ancestry-informative diagnostic <sc>SNP</sc>s. <i>Molecular Ecology</i> , 2014, 23, 182-197. | 2.0 | 81 |
| 110 | Quantifying levels of animal activity using camera trap data. <i>Methods in Ecology and Evolution</i> , 2014, 5, 1170-1179. | 2.2 | 317 |
| 111 | Effects of Food Availability on Space and Refuge Use by a Neotropical Scatterhoarding Rodent. <i>Biotropica</i> , 2013, 45, 88-93. | 0.8 | 21 |
| 112 | The environmental-data automated track annotation (Env-DATA) system: linking animal tracks with environmental data. <i>Movement Ecology</i> , 2013, 1, 3. | 1.3 | 250 |
| 113 | Flying with the wind: scale dependency of speed and direction measurements in modelling wind support in avian flight. <i>Movement Ecology</i> , 2013, 1, 4. | 1.3 | 111 |
| 114 | Animal behavior, cost-based corridor models, and real corridors. <i>Landscape Ecology</i> , 2013, 28, 1615-1630. | 1.9 | 154 |
| 115 | Automated identification of animal species in camera trap images. <i>Eurasip Journal on Image and Video Processing</i> , 2013, 2013, . | 1.7 | 139 |
| 116 | Observing the unwatchable through acceleration logging of animal behavior. <i>Animal Biotelemetry</i> , 2013, 1, 20. | 0.8 | 386 |
| 117 | Clarifying assumptions behind the estimation of animal density from camera trap rates. <i>Journal of Wildlife Management</i> , 2013, 77, 876-876. | 0.7 | 52 |
| 118 | Evidence for cache surveillance by a scatter-hoarding rodent. <i>Animal Behaviour</i> , 2013, 85, 1511-1516. | 0.8 | 29 |
| 119 | Taxonomic revision of the olingos (<i>Bassaricyon</i>), with description of a new species, the Olinguito. <i>ZooKeys</i> , 2013, 324, 1-83. | 0.5 | 97 |
| 120 | Why Do Sloths Poop on the Ground?. , 2013, , 195-199. | | 2 |
| 121 | Attraction and avoidance detection from movements. <i>Proceedings of the VLDB Endowment</i> , 2013, 7, 157-168. | 2.1 | 13 |
| 122 | Accelerometer-informed GPS telemetry: Reducing the trade-off between resolution and longevity. <i>Wildlife Society Bulletin</i> , 2012, 36, 139-146. | 1.6 | 92 |
| 123 | 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. | 3.3 | 249 |
| 124 | Directed seed dispersal towards areas with low conspecific tree density by a scatter-hoarding rodent. <i>Ecology Letters</i> , 2012, 15, 1423-1429. | 3.0 | 116 |
| 125 | Moderating <sc>ARGOS</sc> location errors in animal tracking data. <i>Methods in Ecology and Evolution</i> , 2012, 3, 999-1007. | 2.2 | 246 |
| 126 | A telemetric thread tag for tracking seed dispersal by scatter-hoarding rodents. <i>Plant Ecology</i> , 2012, 213, 933-943. | 0.7 | 42 |

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|-----|--|-----|-----------|
| 127 | A dynamic Brownian bridge movement model to estimate utilization distributions for heterogeneous animal movement. <i>Journal of Animal Ecology</i> , 2012, 81, 738-746. | 1.3 | 342 |
| 128 | Quantifying seed dispersal kernels from truncated seed-tracking data. <i>Methods in Ecology and Evolution</i> , 2012, 3, 595-602. | 2.2 | 25 |
| 129 | Bias in estimating animal travel distance: the effect of sampling frequency. <i>Methods in Ecology and Evolution</i> , 2012, 3, 653-662. | 2.2 | 110 |
| 130 | Mining periodic behaviors of object movements for animal and biological sustainability studies. <i>Data Mining and Knowledge Discovery</i> , 2012, 24, 355-386. | 2.4 | 52 |
| 131 | A genome-wide perspective on the evolutionary history of enigmatic wolf-like canids. <i>Genome Research</i> , 2011, 21, 1294-1305. | 2.4 | 266 |
| 132 | Using Stable Carbon Isotopes to Distinguish Wild from Captive Wolves. <i>Northeastern Naturalist</i> , 2011, 18, 253-264. | 0.1 | 24 |
| 133 | Emergence Time and Foraging Activity in Pallas' Mastiff Bat, <i>Molossus molossus</i> (Chiroptera: Tj ETQq1 1 0.784314 rgBT /Overl | 0.2 | 23 |
| 134 | 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. | 0.5 | 49 |
| 135 | Quantifying the sensitivity of camera traps: an adapted distance sampling approach. <i>Methods in Ecology and Evolution</i> , 2011, 2, 464-476. | 2.2 | 185 |
| 136 | Causes of mortality in North American populations of large and medium-sized mammals. <i>Animal Conservation</i> , 2011, 14, 474-483. | 1.5 | 64 |
| 137 | Technology on the Move: Recent and Forthcoming Innovations for Tracking Migratory Birds. <i>BioScience</i> , 2011, 61, 689-698. | 2.2 | 395 |
| 138 | The Movebank data model for animal tracking. <i>Environmental Modelling and Software</i> , 2011, 26, 834-835. | 1.9 | 170 |
| 139 | MoveMine. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2011, 2, 1-32. | 2.9 | 88 |
| 140 | Tracking Animal Location and Activity with an Automated Radio Telemetry System in a Tropical Rainforest. <i>Computer Journal</i> , 2011, 54, 1931-1948. | 1.5 | 130 |
| 141 | Does watching a monkey change its behaviour? Quantifying observer effects in habituated wild primates using automated radiotelemetry. <i>Animal Behaviour</i> , 2010, 80, 475-480. | 0.8 | 121 |
| 142 | Reply to Wheelon <i>et al.</i> "Colonization history and ancestry of northeastern coyotes". <i>Biology Letters</i> , 2010, 6, 248-249. | 1.0 | 11 |
| 143 | Rapid adaptive evolution of northeastern coyotes via hybridization with wolves. <i>Biology Letters</i> , 2010, 6, 89-93. | 1.0 | 125 |
| 144 | MoveMine. , 2010, , . | | 63 |

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|-----|---|-----|-----------|
| 145 | Mining periodic behaviors for moving objects. , 2010, , . | | 225 |
| 146 | Swarm. Proceedings of the VLDB Endowment, 2010, 3, 723-734. | 2.1 | 242 |
| 147 | Large-Range Movements of Neotropical Orchid Bees Observed via Radio Telemetry. PLoS ONE, 2010, 5, e10738. | 1.1 | 123 |
| 148 | Nocturnal activity by the primarily diurnal Central American agouti (<i>Dasyprocta punctata</i>) in relation to environmental conditions, resource abundance and predation risk. Journal of Tropical Ecology, 2009, 25, 211-215. | 0.5 | 31 |
| 149 | Scatter hoarding by the Central American agouti: a test of optimal cache spacing theory. Animal Behaviour, 2009, 78, 1327-1333. | 0.8 | 73 |
| 150 | Camera traps as sensor networks for monitoring animal communities. , 2009, , . | | 50 |
| 151 | Evidence for Three-Toed Sloth (<i>Bradypus variegatus</i>) Predation by Spectacled Owl (<i>Pulsatrix</i>) Tj ETQq1 1 0.784314 rgBT /Overl | 0.5 | 17 |
| 152 | Mammals of North America. , 2009, , . | | 37 |
| 153 | Sleeping outside the box: electroencephalographic measures of sleep in sloths inhabiting a rainforest. Biology Letters, 2008, 4, 402-405. | 1.0 | 113 |
| 154 | Home-range use by the Central American agouti (<i>Dasyprocta punctata</i>) on Barro Colorado Island, Panama. Journal of Tropical Ecology, 2008, 24, 367-374. | 0.5 | 44 |
| 155 | LANDSCAPE ECOLOGY OF EASTERN COYOTES BASED ON LARGE-SCALE ESTIMATES OF ABUNDANCE. Ecological Applications, 2008, 18, 1014-1027. | 1.8 | 75 |
| 156 | Interaction location outweighs the competitive advantage of numerical superiority in <i>Cebus capucinus</i> intergroup contests. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 577-581. | 3.3 | 174 |
| 157 | Ocelots on Barro Colorado Island Are Infected with Feline Immunodeficiency Virus but Not Other Common Feline and Canine Viruses. Journal of Wildlife Diseases, 2008, 44, 760-765. | 0.3 | 10 |
| 158 | Predispersal home range shift of an ocelot <i>Leopardus pardalis</i> (Carnivora: Felidae) on Barro Colorado Island, Panama. Revista De Biología Tropical, 2008, 56, 779-87. | 0.1 | 2 |
| 159 | Variability in assays used for detection of lentiviral infection in bobcats (<i>Lynx rufus</i>), pumas (<i>Puma</i>) Tj ETQq1 1 0.784314 rgBT /Overl | 0.3 | 19 |
| 160 | Going wild: what a global small-animal tracking system could do for experimental biologists. Journal of Experimental Biology, 2007, 210, 181-186. | 0.8 | 257 |
| 161 | Using Patterns in Track-Plate Footprints to Identify Individual Fishers. Journal of Wildlife Management, 2007, 71, 955-963. | 0.7 | 13 |
| 162 | A Comparison of Noninvasive Techniques to Survey Carnivore Communities in Northeastern North America. Wildlife Society Bulletin, 2006, 34, 1142-1151. | 1.6 | 246 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
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