

James C Beasley

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2254240/james-c-beasley-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

103
papers

1,563
citations

22
h-index

36
g-index

115
ext. papers

2,137
ext. citations

3.9
avg, IF

4.97
L-index

#	Paper	IF	Citations
103	Machine learning to classify animal species in camera trap images: Applications in ecology. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 585-590	7.7	130
102	Mesopredators dominate competition for carrion in an agricultural landscape. <i>Basic and Applied Ecology</i> , 2011 , 12, 268-274	3.2	87
101	Carrion cycling in food webs: comparisons among terrestrial and marine ecosystems. <i>Oikos</i> , 2012 , 121, 1021-1026	4	75
100	Abiotic and biotic factors modulate carrion fate and vertebrate scavenging communities. <i>Ecology</i> , 2017 , 98, 2413-2424	4.6	71
99	Addressing ecological effects of radiation on populations and ecosystems to improve protection of the environment against radiation: Agreed statements from a Consensus Symposium. <i>Journal of Environmental Radioactivity</i> , 2016 , 158-159, 21-9	2.4	59
98	Spatio-temporal variation in the demographic attributes of a generalist mesopredator. <i>Landscape Ecology</i> , 2011 , 26, 937-950	4.3	57
97	Necrobiome framework for bridging decomposition ecology of autotrophically and heterotrophically derived organic matter. <i>Ecological Monographs</i> , 2019 , 89, e01331	9	55
96	Carcass Type Affects Local Scavenger Guilds More than Habitat Connectivity. <i>PLoS ONE</i> , 2016 , 11, e0147398	3.98	48
95	What is in a Name? A call for consistent terminology for nonnative <i>Sus scrofa</i> . <i>Wildlife Society Bulletin</i> , 2016 , 40, 384-387	1.4	48
94	Quantifying drivers of wild pig movement across multiple spatial and temporal scales. <i>Movement Ecology</i> , 2017 , 5, 14	4.6	45
93	Scavenging in the Anthropocene: Human impact drives vertebrate scavenger species richness at a global scale. <i>Global Change Biology</i> , 2019 , 25, 3005-3017	11.4	42
92	Effects of vulture exclusion on carrion consumption by facultative scavengers. <i>Ecology and Evolution</i> , 2018 , 8, 2518-2526	2.8	40
91	Where the wild things are: influence of radiation on the distribution of four mammalian species within the Chernobyl Exclusion Zone. <i>Frontiers in Ecology and the Environment</i> , 2016 , 14, 185-190	5.5	37
90	Population genetic structure of raccoons (<i>Procyon lotor</i>) inhabiting a highly fragmented landscape. <i>Canadian Journal of Zoology</i> , 2009 , 87, 814-824	1.5	36
89	Co-occurrence of antibiotic, biocide, and heavy metal resistance genes in bacteria from metal and radionuclide contaminated soils at the Savannah River Site. <i>Microbial Biotechnology</i> , 2020 , 13, 1179-1200	6.3	31
88	Fine-scale assessment of home ranges and activity patterns for resident black vultures (<i>Coragyps atratus</i>) and turkey vultures (<i>Cathartes aura</i>). <i>PLoS ONE</i> , 2017 , 12, e0179819	3.7	31
87	Contact heterogeneities in feral swine: implications for disease management and future research. <i>Ecosphere</i> , 2016 , 7, e01230	3.1	28

86	Effects of scale of movement, detection probability, and true population density on common methods of estimating population density. <i>Scientific Reports</i> , 2017 , 7, 9446	4.9	27
85	Research priorities for managing invasive wild pigs in North America. <i>Journal of Wildlife Management</i> , 2018 , 82, 674-681	1.9	26
84	Development of 14 multiplexed microsatellite loci for raccoons <i>Procyon lotor</i> . <i>Molecular Ecology Notes</i> , 2007 , 7, 525-527		24
83	Quantifying the spatial and temporal variation in dose from external exposure to radiation: a new tool for use on free-ranging wildlife. <i>Journal of Environmental Radioactivity</i> , 2015 , 145, 58-65	2.4	23
82	Rewilding of Fukushima's human evacuation zone. <i>Frontiers in Ecology and the Environment</i> , 2020 , 18, 127-134	5.5	23
81	Habitats associated with vehicle collisions with wild pigs. <i>Wildlife Research</i> , 2013 , 40, 654	1.8	22
80	Effects of culling on mesopredator population dynamics. <i>PLoS ONE</i> , 2013 , 8, e58982	3.7	21
79	Network structure of vertebrate scavenger assemblages at the global scale: drivers and ecosystem functioning implications. <i>Ecography</i> , 2020 , 43, 1143-1155	6.5	21
78	Spatial complexity of carcass location influences vertebrate scavenger efficiency and species composition. <i>Scientific Reports</i> , 2017 , 7, 10250	4.9	20
77	Carcasses of invasive species are predominantly utilized by invasive scavengers in an island ecosystem. <i>Ecosphere</i> , 2016 , 7, e01496	3.1	20
76	Hog Heaven? Challenges of Managing Introduced Wild Pigs in Natural Areas. <i>Natural Areas Journal</i> , 2017 , 37, 6-16	0.8	19
75	A genetic analysis of the Virginia opossum mating system: evidence of multiple paternity in a highly fragmented landscape. <i>Journal of Heredity</i> , 2010 , 101, 368-73	2.4	18
74	A comparison of methods for estimating raccoon abundance: Implications for disease vaccination programs. <i>Journal of Wildlife Management</i> , 2012 , 76, 1290-1297	1.9	15
73	Use of Rhodamine B to Reveal Patterns of Interspecific Competition and Bait Acceptance in Raccoons. <i>Journal of Wildlife Management</i> , 2010 , 74, 1405-1416	1.9	15
72	Efficiency and composition of vertebrate scavengers at the land-water interface in the Chernobyl Exclusion Zone. <i>Food Webs</i> , 2019 , 18, e00107	1.8	14
71	Raccoons (<i>Procyon lotor</i>) as Sentinels of Trace Element Contamination and Physiological Effects of Exposure to Coal Fly Ash. <i>Archives of Environmental Contamination and Toxicology</i> , 2017 , 72, 235-246	3.2	12
70	Parasitaemia data and molecular characterization of <i>Haemoproteus catharti</i> from New World vultures (Cathartidae) reveals a novel clade of Haemosporida. <i>Malaria Journal</i> , 2018 , 17, 12	3.6	11
69	Scavenger removal of bird carcasses at simulated wind turbines: Does carcass type matter?. <i>Ecosphere</i> , 2017 , 8, e01994	3.1	11

68	Environmental conditions and animal behavior influence performance of solar-powered GPS-GSM transmitters. <i>Condor</i> , 2017 , 119, 389-404	2.1	10
67	Using multiple data sources to investigate foraging niche partitioning in sympatric obligate avian scavengers. <i>Ecosphere</i> , 2019 , 10, e02548	3.1	10
66	Transcriptomic analysis of skin pigmentation variation in the Virginia opossum (<i>Didelphis virginiana</i>). <i>Molecular Ecology</i> , 2018 , 27, 2680-2697	5.7	10
65	Evidence of long-distance dispersal of a gray wolf from the Chernobyl Exclusion Zone. <i>European Journal of Wildlife Research</i> , 2018 , 64, 1	2	10
64	Evaluation of Rhodamine B as a biomarker for assessing bait acceptance in wild pigs. <i>Wildlife Society Bulletin</i> , 2015 , 39, 188-192	1.4	10
63	Use of Rhodamine B to Reveal Patterns of Interspecific Competition and Bait Acceptance in Raccoons. <i>Journal of Wildlife Management</i> , 2010 , 74, 1405-1416	1.9	10
62	Are raccoons limited by the availability of breeding resources? Evidence of variability in fecundity at fine spatial scales. <i>Journal of Wildlife Management</i> , 2012 , 76, 1718-1724	1.9	9
61	Ecological Functions of Vertebrate Scavenging. <i>Wildlife Research Monographs</i> , 2019 , 125-157	1.4	9
60	Roads do not increase carrion use by a vertebrate scavenging community. <i>Scientific Reports</i> , 2018 , 8, 16331	4.9	9
59	Trace elements and radiocesium in game species near contaminated sites. <i>Journal of Wildlife Management</i> , 2017 , 81, 1338-1350	1.9	8
58	Elucidation of population connectivity in synanthropic mesopredators: Using genes to define relevant spatial scales for management of raccoons and Virginia opossums. <i>Journal of Wildlife Management</i> , 2015 , 79, 112-121	1.9	8
57	Effects of chronic low-dose radiation on cataract prevalence and characterization in wild boar (<i>Sus scrofa</i>) from Fukushima, Japan. <i>Scientific Reports</i> , 2020 , 10, 4055	4.9	8
56	Scavenging along an ecological interface: utilization of amphibian and reptile carcasses around isolated wetlands. <i>Ecosphere</i> , 2017 , 8, e01989	3.1	8
55	A behaviorally-explicit approach for delivering vaccine baits to mesopredators to control epizootics in fragmented landscapes. <i>PLoS ONE</i> , 2015 , 10, e0113206	3.7	8
54	Evidence of niche differentiation for two sympatric vulture species in the Southeastern United States. <i>Movement Ecology</i> , 2019 , 7, 31	4.6	8
53	Effects of social structure and management on risk of disease establishment in wild pigs. <i>Journal of Animal Ecology</i> , 2021 , 90, 820-833	4.7	8
52	GPS-coupled contaminant monitors on free-ranging Chernobyl wolves challenge a fundamental assumption in exposure assessments. <i>Environment International</i> , 2019 , 133, 105152	12.9	7
51	Prevalence, distribution, and diversity of cryptic piroplasm infections in raccoons from selected areas of the United States and Canada. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2019 , 9, 224-233	2.6	7

50	Bioaccumulation of Cs in anuran larvae utilizing a contaminated effluent canal on the U.S. Department of Energy's Savannah River Site. <i>Journal of Environmental Radioactivity</i> , 2019 , 203, 25-29	2.4	7
49	Ecology and Management of Terrestrial Vertebrate Invasive Species in the United States		7
48	Identification of robust microsatellite markers for wild pig fecal DNA. <i>Journal of Wildlife Management</i> , 2016 , 80, 1120-1128	1.9	7
47	Radiocesium in migratory aquatic game birds using contaminated U.S. Department of Energy reactor-cooling reservoirs: A long-term perspective. <i>Journal of Environmental Radioactivity</i> , 2017 , 171, 189-199	2.4	6
46	Integration of ecosystem science into radioecology: A consensus perspective. <i>Science of the Total Environment</i> , 2020 , 740, 140031	10.2	6
45	Validating mammalian resistance to stressor-mediated reproductive impact using rodent sperm analysis. <i>Ecotoxicology</i> , 2016 , 25, 584-93	2.9	6
44	Improving the accessibility and transferability of machine learning algorithms for identification of animals in camera trap images: MLWIC2. <i>Ecology and Evolution</i> , 2020 , 10, 10374-10383	2.8	6
43	Ecotoxicoparasitology of mercury and trace elements in semi-aquatic mammals and their endoparasite communities. <i>Science of the Total Environment</i> , 2019 , 679, 307-316	10.2	5
42	Radiocesium concentrations and GPS-coupled dosimetry in Fukushima snakes. <i>Science of the Total Environment</i> , 2020 , 734, 139389	10.2	5
41	Effect of mammalian mesopredator exclusion on vertebrate scavenging communities. <i>Scientific Reports</i> , 2020 , 10, 2644	4.9	5
40	Genetic co-structuring in host-parasite systems: Empirical data from raccoons and raccoon ticks. <i>Ecosphere</i> , 2016 , 7, e01269	3.1	5
39	Animal Visitation to Wild Pig (<i>Sus scrofa</i>) Wallows and Implications for Disease Transmission. <i>Journal of Wildlife Diseases</i> , 2019 , 55, 488-493	1.3	5
38	Strategic roadmap to assess forest vulnerability under air pollution and climate change. <i>Global Change Biology</i> ,	11.4	5
37	Development of known-fate survival monitoring techniques for juvenile wild pigs (<i>Sus scrofa</i>). <i>Wildlife Research</i> , 2017 , 44, 165	1.8	4
36	Radiocesium (Cs) accumulation by fish within a legacy reactor cooling canal system on the Savannah River Site. <i>Environment International</i> , 2019 , 126, 216-221	12.9	4
35	Patterns of Trace Element Accumulation in Waterfowl Restricted to Impoundments Holding Coal Combustion Waste. <i>Environmental Toxicology and Chemistry</i> , 2020 , 39, 1052-1059	3.8	4
34	Predicting functional responses in agro-ecosystems from animal movement data to improve management of invasive pests. <i>Ecological Applications</i> , 2020 , 30, e02015	4.9	4
33	Behavioral state resource selection in invasive wild pigs in the Southeastern United States. <i>Scientific Reports</i> , 2021 , 11, 6924	4.9	4

32	Influence of lure choice and survey duration on scent stations for carnivore surveys. <i>Wildlife Society Bulletin</i> , 2019 , 43, 661-668	1.4	4
31	Factors Affecting Bait Site Visitation: Area of Influence of Baits. <i>Wildlife Society Bulletin</i> , 2020 , 44, 362-371	1.4	3
30	A Rapid Population Assessment Method for Wild Pigs Using Baited Cameras at 3 Study Sites. <i>Wildlife Society Bulletin</i> , 2020 , 44, 372-382	1.4	3
29	A comparison of cost and quality of three methods for estimating density for wild pig (<i>Sus scrofa</i>). <i>Scientific Reports</i> , 2020 , 10, 2047	4.9	3
28	Optimization of Scat Detection Methods for a Social Ungulate, the Wild Pig, and Experimental Evaluation of Factors Affecting Detection of Scat. <i>PLoS ONE</i> , 2016 , 11, e0155615	3.7	3
27	Use of abandoned structures by Przewalski's wild horses and other wildlife in the Chernobyl Exclusion Zone. <i>Mammal Research</i> , 2020 , 65, 161-165	1.8	3
26	Integrating data types to estimate spatial patterns of avian migration across the Western Hemisphere. 2022 , e2679		3
25	Wintering Golden Eagles on the coastal plain of South Carolina. <i>Journal of Field Ornithology</i> , 2015 , 86, 337-344	0.9	2
24	Influence of biotic and abiotic factors on home range size and shape of invasive wild pigs (<i>Sus scrofa</i>). <i>Pest Management Science</i> , 2021 ,	4.6	2
23	Environmental fate of radiocesium in biota inhabiting a contaminated ecosystem on the U.S. Department of Energy's Savannah River Site. <i>Journal of Environmental Radioactivity</i> , 2020 , 222, 106321	2.4	2
22	Multi-level movement response of invasive wild pigs (<i>Sus scrofa</i>) to removal. <i>Pest Management Science</i> , 2021 , 77, 85-95	4.6	2
21	Movement behavior of a solitary large carnivore within a hotspot of human-wildlife conflicts in India. <i>Scientific Reports</i> , 2021 , 11, 3862	4.9	2
20	Food resources affect territoriality of invasive wild pig sounders with implications for control. <i>Scientific Reports</i> , 2021 , 11, 18821	4.9	2
19	Efficacy of an acoustic hailing device as an avian dispersal tool. <i>Wildlife Society Bulletin</i> , 2017 , 41, 453-460	1.4	1
18	Effective dose and persistence of Rhodamine-B in wild pig Vibrissae. <i>Wildlife Society Bulletin</i> , 2017 , 41, 764-769	1.4	1
17	Population Genetics of Invasive Brown Tree Snakes (<i>Boiga irregularis</i>) on Guam, USA. <i>Herpetologica</i> , 2019 , 75, 208	1.9	1
16	Effects of industrial disturbances on biodiversity of carrion-associated beetles. <i>Science of the Total Environment</i> , 2020 , 709, 135158	10.2	1
15	Accumulation of Contaminants by Wild Turkeys and Potential for Consumer Exposure. <i>Environmental Toxicology and Chemistry</i> , 2021 , 40, 1222-1231	3.8	1

14	Movement Behavior and Habitat Selection of Rat Snakes (<i>Elaphe</i> spp.) in the Fukushima Exclusion Zone. <i>Ichthyology and Herpetology</i> , 2021 , 109,	0	1
13	Unveiling the Gut Microbiota and Resistome of Wild Cotton Mice, , from Heavy Metal- and Radionuclide-Contaminated Sites in the Southeastern United States. <i>Microbiology Spectrum</i> , 2021 , 9, e0009721	8.9	1
12	Spatial variation in direct and indirect contact rates at the wildlife-livestock interface for informing disease management. <i>Preventive Veterinary Medicine</i> , 2021 , 194, 105423	3.1	1
11	Functional traits driving species role in the structure of terrestrial vertebrate scavenger networks. <i>Ecology</i> , 2021 , 102, e03519	4.6	1
10	Evaluation of DNA damage and stress in wildlife chronically exposed to low-dose, low-dose rate radiation from the Fukushima Dai-ichi Nuclear Power Plant accident. <i>Environment International</i> , 2021 , 155, 106675	12.9	1
9	Resident and transient coyotes exhibit differential patterns of movement behavior across heterogeneous landscapes in the southeastern United States.. <i>Ecology and Evolution</i> , 2022 , 12, e8725	2.8	1
8	The Future of Wild Pigs in North America 2019 , 465-469		0
7	Evaluation of a warfarin bait for controlling invasive wild pigs (<i>Sus scrofa</i>). <i>Pest Management Science</i> , 2021 , 77, 3057-3067	4.6	0
6	Influence of intrinsic and extrinsic attributes on neonate survival in an invasive large mammal. <i>Scientific Reports</i> , 2021 , 11, 11033	4.9	0
5	Radiocesium accumulation and germline mutations in chronically exposed wild boar from Fukushima, with radiation doses to human consumers of contaminated meat.. <i>Environmental Pollution</i> , 2022 , 119359	9.3	0
4	Prevalence and genetic characterization of a <i>Babesia microti</i> -like species in the North American river otter (<i>Lontra canadensis</i>).. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2022 , 29, 100696	1.2	
3	Effects of red imported fire ant (<i>Solenopsis invicta</i>) control on carrion use by vertebrate scavengers. <i>Food Webs</i> , 2021 , 29, e00212	1.8	
2	Lead Contamination Differences in the Muscle of Wild Turkeys Harvested with Lead and Copper-Plated Lead Shot. <i>Journal of Fish and Wildlife Management</i> , 2021 , 12, 250-256	0.7	
1	Genetic diversity of the free-living population of Przewalski's horses in the Chernobyl Exclusion Zone. <i>Theriologia Ukrainica</i> , 2021 , 2020, 58-66	0.4	