

# James C Beasley

## List of Publications by Year in Descending Order

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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	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> , <b>2022</b> , 29, 100696	1.2	
102	Resident and transient coyotes exhibit differential patterns of movement behavior across heterogeneous landscapes in the southeastern United States.. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8725	2.8	1
101	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> , <b>2022</b> , 119359	9.3	0
100	Integrating data types to estimate spatial patterns of avian migration across the Western Hemisphere. <b>2022</b> , e2679		3
99	Effects of red imported fire ant ( <i>Solenopsis invicta</i> ) control on carrion use by vertebrate scavengers. <i>Food Webs</i> , <b>2021</b> , 29, e00212	1.8	
98	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> , <b>2021</b> ,	4.6	2
97	Evaluation of a warfarin bait for controlling invasive wild pigs ( <i>Sus scrofa</i> ). <i>Pest Management Science</i> , <b>2021</b> , 77, 3057-3067	4.6	0
96	Behavioral state resource selection in invasive wild pigs in the Southeastern United States. <i>Scientific Reports</i> , <b>2021</b> , 11, 6924	4.9	4
95	Accumulation of Contaminants by Wild Turkeys and Potential for Consumer Exposure. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> , 40, 1222-1231	3.8	1
94	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> , <b>2021</b> , 12, 250-256	0.7	
93	Influence of intrinsic and extrinsic attributes on neonate survival in an invasive large mammal. <i>Scientific Reports</i> , <b>2021</b> , 11, 11033	4.9	0
92	Multi-level movement response of invasive wild pigs ( <i>Sus scrofa</i> ) to removal. <i>Pest Management Science</i> , <b>2021</b> , 77, 85-95	4.6	2
91	Effects of social structure and management on risk of disease establishment in wild pigs. <i>Journal of Animal Ecology</i> , <b>2021</b> , 90, 820-833	4.7	8
90	Genetic diversity of the free-living population of Przewalski's horses in the Chernobyl Exclusion Zone. <i>Theriologia Ukrainica</i> , <b>2021</b> , 2020, 58-66	0.4	
89	Movement behavior of a solitary large carnivore within a hotspot of human-wildlife conflicts in India. <i>Scientific Reports</i> , <b>2021</b> , 11, 3862	4.9	2
88	Movement Behavior and Habitat Selection of Rat Snakes ( <i>Elaphe</i> spp.) in the Fukushima Exclusion Zone. <i>Ichthyology and Herpetology</i> , <b>2021</b> , 109,	0	1
87	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> , <b>2021</b> , 9, e0009721	8.9	1

86	Spatial variation in direct and indirect contact rates at the wildlife-livestock interface for informing disease management. <i>Preventive Veterinary Medicine</i> , <b>2021</b> , 194, 105423	3.1	1
85	Functional traits driving species role in the structure of terrestrial vertebrate scavenger networks. <i>Ecology</i> , <b>2021</b> , 102, e03519	4.6	1
84	Food resources affect territoriality of invasive wild pig sounders with implications for control. <i>Scientific Reports</i> , <b>2021</b> , 11, 18821	4.9	2
83	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> , <b>2021</b> , 155, 106675	12.9	1
82	Factors Affecting Bait Site Visitation: Area of Influence of Baits. <i>Wildlife Society Bulletin</i> , <b>2020</b> , 44, 362-371	3.1	3
81	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> , <b>2020</b> , 13, 1179-1200	6.3	31
80	Radiocesium concentrations and GPS-coupled dosimetry in Fukushima snakes. <i>Science of the Total Environment</i> , <b>2020</b> , 734, 139389	10.2	5
79	Integration of ecosystem science into radioecology: A consensus perspective. <i>Science of the Total Environment</i> , <b>2020</b> , 740, 140031	10.2	6
78	A Rapid Population Assessment Method for Wild Pigs Using Baited Cameras at 3 Study Sites. <i>Wildlife Society Bulletin</i> , <b>2020</b> , 44, 372-382	1.4	3
77	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> , <b>2020</b> , 10, 4055	4.9	8
76	A comparison of cost and quality of three methods for estimating density for wild pig ( <i>Sus scrofa</i> ). <i>Scientific Reports</i> , <b>2020</b> , 10, 2047	4.9	3
75	Effect of mammalian mesopredator exclusion on vertebrate scavenging communities. <i>Scientific Reports</i> , <b>2020</b> , 10, 2644	4.9	5
74	Patterns of Trace Element Accumulation in Waterfowl Restricted to Impoundments Holding Coal Combustion Waste. <i>Environmental Toxicology and Chemistry</i> , <b>2020</b> , 39, 1052-1059	3.8	4
73	Predicting functional responses in agro-ecosystems from animal movement data to improve management of invasive pests. <i>Ecological Applications</i> , <b>2020</b> , 30, e02015	4.9	4
72	Effects of industrial disturbances on biodiversity of carrion-associated beetles. <i>Science of the Total Environment</i> , <b>2020</b> , 709, 135158	10.2	1
71	Rewilding of Fukushima's human evacuation zone. <i>Frontiers in Ecology and the Environment</i> , <b>2020</b> , 18, 127-134	5.5	23
70	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> , <b>2020</b> , 222, 106321	2.4	2
69	Improving the accessibility and transferability of machine learning algorithms for identification of animals in camera trap images: MLWIC2. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 10374-10383	2.8	6

68	Network structure of vertebrate scavenger assemblages at the global scale: drivers and ecosystem functioning implications. <i>Ecography</i> , <b>2020</b> , 43, 1143-1155	6.5	21
67	Use of abandoned structures by Przewalski's wild horses and other wildlife in the Chernobyl Exclusion Zone. <i>Mammal Research</i> , <b>2020</b> , 65, 161-165	1.8	3
66	GPS-coupled contaminant monitors on free-ranging Chernobyl wolves challenge a fundamental assumption in exposure assessments. <i>Environment International</i> , <b>2019</b> , 133, 105152	12.9	7
65	Scavenging in the Anthropocene: Human impact drives vertebrate scavenger species richness at a global scale. <i>Global Change Biology</i> , <b>2019</b> , 25, 3005-3017	11.4	42
64	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> , <b>2019</b> , 9, 224-233	2.6	7
63	Ecotoxicoparasitology of mercury and trace elements in semi-aquatic mammals and their endoparasite communities. <i>Science of the Total Environment</i> , <b>2019</b> , 679, 307-316	10.2	5
62	Using multiple data sources to investigate foraging niche partitioning in sympatric obligate avian scavengers. <i>Ecosphere</i> , <b>2019</b> , 10, e02548	3.1	10
61	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> , <b>2019</b> , 203, 25-29	2.4	7
60	Radiocesium (Cs) accumulation by fish within a legacy reactor cooling canal system on the Savannah River Site. <i>Environment International</i> , <b>2019</b> , 126, 216-221	12.9	4
59	Population Genetics of Invasive Brown Tree Snakes ( <i>Boiga irregularis</i> ) on Guam, USA. <i>Herpetologica</i> , <b>2019</b> , 75, 208	1.9	1
58	The Future of Wild Pigs in North America <b>2019</b> , 465-469		0
57	Ecological Functions of Vertebrate Scavenging. <i>Wildlife Research Monographs</i> , <b>2019</b> , 125-157	1.4	9
56	Evidence of niche differentiation for two sympatric vulture species in the Southeastern United States. <i>Movement Ecology</i> , <b>2019</b> , 7, 31	4.6	8
55	Influence of lure choice and survey duration on scent stations for carnivore surveys. <i>Wildlife Society Bulletin</i> , <b>2019</b> , 43, 661-668	1.4	4
54	Necrobiome framework for bridging decomposition ecology of autotrophically and heterotrophically derived organic matter. <i>Ecological Monographs</i> , <b>2019</b> , 89, e01331	9	55
53	Efficiency and composition of vertebrate scavengers at the land-water interface in the Chernobyl Exclusion Zone. <i>Food Webs</i> , <b>2019</b> , 18, e00107	1.8	14
52	Machine learning to classify animal species in camera trap images: Applications in ecology. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 585-590	7.7	130
51	Animal Visitation to Wild Pig ( <i>Sus scrofa</i> ) Wallows and Implications for Disease Transmission. <i>Journal of Wildlife Diseases</i> , <b>2019</b> , 55, 488-493	1.3	5

50	Research priorities for managing invasive wild pigs in North America. <i>Journal of Wildlife Management</i> , <b>2018</b> , 82, 674-681	1.9	26
49	Effects of vulture exclusion on carrion consumption by facultative scavengers. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 2518-2526	2.8	40
48	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> , <b>2018</b> , 17, 12	3.6	11
47	Transcriptomic analysis of skin pigmentation variation in the Virginia opossum ( <i>Didelphis virginiana</i> ). <i>Molecular Ecology</i> , <b>2018</b> , 27, 2680-2697	5.7	10
46	Evidence of long-distance dispersal of a gray wolf from the Chernobyl Exclusion Zone. <i>European Journal of Wildlife Research</i> , <b>2018</b> , 64, 1	2	10
45	Roads do not increase carrion use by a vertebrate scavenging community. <i>Scientific Reports</i> , <b>2018</b> , 8, 16331	4.9	9
44	Hog Heaven? Challenges of Managing Introduced Wild Pigs in Natural Areas. <i>Natural Areas Journal</i> , <b>2017</b> , 37, 6-16	0.8	19
43	Development of known-fate survival monitoring techniques for juvenile wild pigs ( <i>Sus scrofa</i> ). <i>Wildlife Research</i> , <b>2017</b> , 44, 165	1.8	4
42	Quantifying drivers of wild pig movement across multiple spatial and temporal scales. <i>Movement Ecology</i> , <b>2017</b> , 5, 14	4.6	45
41	Environmental conditions and animal behavior influence performance of solar-powered GPS-GSM transmitters. <i>Condor</i> , <b>2017</b> , 119, 389-404	2.1	10
40	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> , <b>2017</b> , 171, 189-199	2.4	6
39	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> , <b>2017</b> , 72, 235-246	3.2	12
38	Trace elements and radiocesium in game species near contaminated sites. <i>Journal of Wildlife Management</i> , <b>2017</b> , 81, 1338-1350	1.9	8
37	Spatial complexity of carcass location influences vertebrate scavenger efficiency and species composition. <i>Scientific Reports</i> , <b>2017</b> , 7, 10250	4.9	20
36	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> , <b>2017</b> , 12, e0179819	3.7	31
35	Effects of scale of movement, detection probability, and true population density on common methods of estimating population density. <i>Scientific Reports</i> , <b>2017</b> , 7, 9446	4.9	27
34	Efficacy of an acoustic hailing device as an avian dispersal tool. <i>Wildlife Society Bulletin</i> , <b>2017</b> , 41, 453-460	0.4	1
33	Abiotic and biotic factors modulate carrion fate and vertebrate scavenging communities. <i>Ecology</i> , <b>2017</b> , 98, 2413-2424	4.6	71

32	Scavenger removal of bird carcasses at simulated wind turbines: Does carcass type matter?. <i>Ecosphere</i> , <b>2017</b> , 8, e01994	3.1	11
31	Scavenging along an ecological interface: utilization of amphibian and reptile carcasses around isolated wetlands. <i>Ecosphere</i> , <b>2017</b> , 8, e01989	3.1	8
30	Effective dose and persistence of Rhodamine-B in wild pig Vibrissae. <i>Wildlife Society Bulletin</i> , <b>2017</b> , 41, 764-769	1.4	1
29	Validating mammalian resistance to stressor-mediated reproductive impact using rodent sperm analysis. <i>Ecotoxicology</i> , <b>2016</b> , 25, 584-93	2.9	6
28	Genetic co-structuring in host-parasite systems: Empirical data from raccoons and raccoon ticks. <i>Ecosphere</i> , <b>2016</b> , 7, e01269	3.1	5
27	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> , <b>2016</b> , 14, 185-190	5.5	37
26	Carcass Type Affects Local Scavenger Guilds More than Habitat Connectivity. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147398	3.9	48
25	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> , <b>2016</b> , 11, e0155615	3.7	3
24	What is in a Common Name? A call for consistent terminology for nonnative <i>Sus scrofa</i> . <i>Wildlife Society Bulletin</i> , <b>2016</b> , 40, 384-387	1.4	48
23	Contact heterogeneities in feral swine: implications for disease management and future research. <i>Ecosphere</i> , <b>2016</b> , 7, e01230	3.1	28
22	Identification of robust microsatellite markers for wild pig fecal DNA. <i>Journal of Wildlife Management</i> , <b>2016</b> , 80, 1120-1128	1.9	7
21	Carcasses of invasive species are predominantly utilized by invasive scavengers in an island ecosystem. <i>Ecosphere</i> , <b>2016</b> , 7, e01496	3.1	20
20	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> , <b>2016</b> , 158-159, 21-9	2.4	59
19	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> , <b>2015</b> , 79, 112-121	1.9	8
18	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> , <b>2015</b> , 145, 58-65	2.4	23
17	Evaluation of Rhodamine B as a biomarker for assessing bait acceptance in wild pigs. <i>Wildlife Society Bulletin</i> , <b>2015</b> , 39, 188-192	1.4	10
16	Wintering Golden Eagles on the coastal plain of South Carolina. <i>Journal of Field Ornithology</i> , <b>2015</b> , 86, 337-344	0.9	2
15	A behaviorally-explicit approach for delivering vaccine baits to mesopredators to control epizootics in fragmented landscapes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0113206	3.7	8

14	Habitats associated with vehicle collisions with wild pigs. <i>Wildlife Research</i> , <b>2013</b> , 40, 654	1.8	22
13	Effects of culling on mesopredator population dynamics. <i>PLoS ONE</i> , <b>2013</b> , 8, e58982	3.7	21
12	Carrion cycling in food webs: comparisons among terrestrial and marine ecosystems. <i>Oikos</i> , <b>2012</b> , 121, 1021-1026	4	75
11	A comparison of methods for estimating raccoon abundance: Implications for disease vaccination programs. <i>Journal of Wildlife Management</i> , <b>2012</b> , 76, 1290-1297	1.9	15
10	Are raccoons limited by the availability of breeding resources? Evidence of variability in fecundity at fine spatial scales. <i>Journal of Wildlife Management</i> , <b>2012</b> , 76, 1718-1724	1.9	9
9	Mesopredators dominate competition for carrion in an agricultural landscape. <i>Basic and Applied Ecology</i> , <b>2011</b> , 12, 268-274	3.2	87
8	Spatio-temporal variation in the demographic attributes of a generalist mesopredator. <i>Landscape Ecology</i> , <b>2011</b> , 26, 937-950	4.3	57
7	A genetic analysis of the Virginia opossum mating system: evidence of multiple paternity in a highly fragmented landscape. <i>Journal of Heredity</i> , <b>2010</b> , 101, 368-73	2.4	18
6	Use of Rhodamine B to Reveal Patterns of Interspecific Competition and Bait Acceptance in Raccoons. <i>Journal of Wildlife Management</i> , <b>2010</b> , 74, 1405-1416	1.9	10
5	Use of Rhodamine B to Reveal Patterns of Interspecific Competition and Bait Acceptance in Raccoons. <i>Journal of Wildlife Management</i> , <b>2010</b> , 74, 1405-1416	1.9	15
4	Population genetic structure of raccoons ( <i>Procyon lotor</i> ) inhabiting a highly fragmented landscape. <i>Canadian Journal of Zoology</i> , <b>2009</b> , 87, 814-824	1.5	36
3	Development of 14 multiplexed microsatellite loci for raccoons <i>Procyon lotor</i> . <i>Molecular Ecology Notes</i> , <b>2007</b> , 7, 525-527		24
2	Ecology and Management of Terrestrial Vertebrate Invasive Species in the United States		7
1	Strategic roadmap to assess forest vulnerability under air pollution and climate change. <i>Global Change Biology</i> ,	11.4	5