Patrick A Zollner

List of Publications by Year
in descending order

77 papers	4,123 citations	257450 24 h-index	123424 61 g-index
78 all docs	78 docs citations	78 times ranked	5053 citing authors

#	Article	IF	Citations
1	Towards a behavioral ecology of ecological landscapes. Trends in Ecology and Evolution, 1996, 11, 131-135.	8.7	790
2	Improving the forecast for biodiversity under climate change. Science, 2016, 353, .	12.6	780
3	SEARCH STRATEGIES FOR LANDSCAPE-LEVEL INTERPATCH MOVEMENTS. Ecology, 1999, 80, 1019-1030.	3.2	377
4	Inter-specific variation in avian responses to human disturbance. Journal of Applied Ecology, 2005, 42, 943-953.	4.0	235
5	Landscape-Level Perceptual Abilities in White-Footed Mice: Perceptual Range and the Detection of Forested Habitat. Oikos, 1997, 80, 51.	2.7	145
6	Behavioral tradeoffs when dispersing across a patchy landscape. Oikos, 2005, 108, 219-230.	2.7	142
7	Title is missing!. , 2000, 15, 523-533.		135
8	Predation, scramble competition, and the vigilance group size effect in dark-eyed juncos (Junco) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.4	120
9	Anti-predatory vigilance and the limits to collective detection: visual and spatial separation between foragers. Behavioral Ecology and Sociobiology, 1996, 38, 355-363.	1.4	115
10	Using body size to predict perceptual range. Oikos, 2002, 98, 47-52.	2.7	100
11	Foray Search: An Effective Systematic Dispersal Strategy in Fragmented Landscapes. American Naturalist, 2003, 161, 905-915.	2.1	92
12	Illumination and the perception of remote habitat patches by white-footed mice. Animal Behaviour, 1999, 58, 489-500.	1.9	81
13	Influence of forest management alternatives and land type on susceptibility to fire in northern Wisconsin, USA. Landscape Ecology, 2004, 19, 327-341.	4.2	57
14	Understanding wildlife responses to human disturbance through simulation modelling: A management tool. Ecological Complexity, 2009, 6, 113-134.	2.9	46
15	Herbaceous layer response to 17years of controlled deer hunting in forested natural areas. Biological Conservation, 2014, 175, 119-128.	4.1	43
16	Human influence on the abundance and connectivity of high-risk fuels in mixed forests of northern Wisconsin, USA. Landscape Ecology, 2004, 19, 235-254.	4.2	39
17	Influence of Canopy Closure and Shrub Coverage on Travel along Coarse Woody Debris by Eastern Chipmunks (Tamias striatus). American Midland Naturalist, 2003, 150, 151-157.	0.4	38
18	Survival of Adult Martens in Northern Wisconsin. Journal of Wildlife Management, 2010, 74, 1502-1507.	1.8	37

#	Article	IF	Citations
19	Modeling forest harvesting effects on landscape pattern in the Northwest Wisconsin Pine Barrens. Forest Ecology and Management, 2006, 236, 113-126.	3.2	36
20	Advancing research on animal‐transported subsidies by integrating animal movement and ecosystem modelling. Journal of Animal Ecology, 2017, 86, 987-997.	2.8	30
21	Characteristics and Adaptive Significance of Latrines of Swamp Rabbits (Sylvilagus aquaticus). Journal of Mammalogy, 1996, 77, 1049-1058.	1.3	27
22	Seasonal Field Metabolic Rates of American Martens in Wisconsin. American Midland Naturalist, 2009, 162, 327-334.	0.4	26
23	Winter Home-range Characteristics of American Marten (Martes Americana) in Northern Wisconsin. American Midland Naturalist, 2007, 158, 382-394.	0.4	25
24	Influence of forest planning alternatives on landscape pattern and ecosystem processes in northern Wisconsin, USA. Forest Ecology and Management, 2008, 254, 429-444.	3.2	25
25	Modeling the indirect effects of road networks on the foraging activities of bats. Landscape Ecology, 2013, 28, 979-991.	4.2	25
26	Bias in the use of broadscale vegetation data in the analysis of habitat selection. Journal of Mammalogy, 2014, 95, 369-381.	1.3	24
27	Sustainable management of wildlife habitat and risk of extinction. Biological Conservation, 2005, 125, 287-295.	4.1	21
28	Orientational Data and Perceptual Range: Real Mice Aren't Blind. Oikos, 1999, 84, 164.	2.7	20
29	Modeling the Influence of Dynamic Zoning of Forest Harvesting on Ecological Succession in a Northern Hardwoods Landscape. Environmental Management, 2005, 35, 410-425.	2.7	20
30	SEARCH: Spatially Explicit Animal Response to Composition of Habitat. PLoS ONE, 2013, 8, e64656.	2.5	19
31	Home Range Use by Swamp Rabbits (Sylvilagus aquaticus) in a Frequently Inundated Bottomland Forest. American Midland Naturalist, 2000, 143, 64-69.	0.4	18
32	Responses of Nestling Black-crowned Night Herons (Nycticorax nycticorax‰) to Aquatic and Terrestrial Recreational Activities: a Manipulative Study. Waterbirds, 2007, 30, 554-565.	0.3	18
33	A Survival Estimate of Midwestern Adult Eastern Box Turtles Using Radiotelemetry. American Midland Naturalist, 2011, 165, 143-149.	0.4	18
34	Survival of Adult Martens in Northern Wisconsin. Journal of Wildlife Management, 2010, 74, 1502-1507.	1.8	17
35	Individual-based modeling highlights the importance of mortality and landscape structure in measures of functional connectivity. Landscape Ecology, 2020, 35, 2191-2208.	4.2	17
36	Modelling the responses of wildlife to human disturbance: An evaluation of alternative management scenarios for black-crowned night-herons. Ecological Modelling, 2011, 222, 2770-2779.	2.5	16

#	Article	IF	Citations
37	Landscape features associated with the roosting habitat of Indiana bats and northern long-eared bats. Landscape Ecology, 2015, 30, 2015-2029.	4.2	16
38	Modeling relative habitat suitability of southern Florida for invasive Burmese pythons (Python) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	4.2	16
39	Effects of animal movement strategies and costs on the distribution of active subsidies across simple landscapes. Ecological Modelling, 2014, 283, 45-52.	2.5	15
40	Short-Term Response of Native Flora to the Removal of Non-Native Shrubs in Mixed-Hardwood Forests of Indiana, USA. Forests, 2015, 6, 1878-1896.	2.1	15
41	Temporal scaling in analysis of animal activity. Ecography, 2017, 40, 1436-1444.	4.5	15
42	Influence of Intensity and Duration of Invasion by Amur Honeysuckle (<i>Lonicera maackii</i>) on Mixed Hardwood Forests of Indiana. Invasive Plant Science and Management, 2015, 8, 44-56.	1.1	13
43	Effects of Amur honeysuckle invasion and removal on white‐footed mice. Journal of Wildlife Management, 2014, 78, 867-880.	1.8	12
44	Nocturnal habitat selection of bats using occupancy models. Journal of Wildlife Management, 2017, 81, 878-891.	1.8	12
45	Relative abundance of coyotes (<i>Canis latrans</i>) influences gray fox (<i>Urocyon) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 99, 63-72.	1.0	12
46	Exploring the implications of recreational disturbance on an endangered butterfly using a novel modelling approach. Biodiversity and Conservation, 2013, 22, 1783-1798.	2.6	11
47	Simulating the responses of forest bird species to multi-use recreational trails. Landscape and Urban Planning, 2014, 127, 164-172.	7.5	11
48	Mapping hardwood forests through a two-stage unsupervised classification by integrating Landsat Thematic Mapper and forest inventory data. Journal of Applied Remote Sensing, 2014, 8, 083546.	1.3	11
49	Testing the efficacy of an acoustic lure on bat mist-netting success in North American central hardwood forests. Journal of Mammalogy, 2016, 97, 1617-1622.	1.3	11
50	Investigating movement behavior of invasive Burmese pythons on a shy–bold continuum using individual-based modeling. Perspectives in Ecology and Conservation, 2017, 15, 25-31.	1.9	11
51	A Framework for Mentoring Students Attending Their First Professional Conference. Journal of Natural Resources and Life Sciences Education, 2018, 47, 1-8.	1.5	10
52	Road and Habitat Interact to Influence Selection and Avoidance Behavior of Bats in Indiana. Northeastern Naturalist, 2018, 25, 236-247.	0.3	10
53	Temporal plasticity in habitat selection criteria explains patterns of animal dispersal. Behavioral Ecology, 2019, 30, 528-540.	2.2	10
54	Modeling impacts of landscape connectivity on dispersal movements of northern flying squirrels (Glaucomys sabrinus griseifrons). Ecological Modelling, 2019, 394, 44-52.	2.5	10

#	Article	IF	Citations
55	The simulated effects of timber harvest on suitable habitat for Indiana and northern long‐eared bats. Ecosphere, 2015, 6, 1-24.	2.2	9
56	Elucidation of population connectivity in synanthropic mesopredators: Using genes to define relevant spatial scales for management of raccoons and Virginia opossums. Journal of Wildlife Management, 2015, 79, 112-121.	1.8	9
57	Night and day: evaluating transect methodologies to monitor duikers in the Dzanga‐Sangha Protected Areas, Central African Republic. African Journal of Ecology, 2017, 55, 222-232.	0.9	9
58	Timing and technique impact the effectiveness of road‐based, mobile acoustic surveys of bats. Ecology and Evolution, 2018, 8, 3152-3160.	1.9	9
59	Survival Estimates for Adult Eastern Hellbenders and Their Utility for Conservation. Journal of Herpetology, 2013, 47, 71-74.	0.5	8
60	What's stopping you? Variability of interstate highways as barriers for four species of terrestrial rodents. Ecosphere, 2018, 9, e02333.	2.2	6
61	Simulating the success of trail closure strategies on reducing human disturbance to nesting Golden Eagles. Condor, 2018, 120, 703-718.	1.6	6
62	Examining the relative influence of animal movement patterns and mortality models on the distribution of animal transported subsidies. Ecological Modelling, 2019, 412, 108824.	2.5	6
63	Microhabitat comparison of swamp rabbit sites between periphery and core of the species range. Journal of Wildlife Management, 2015, 79, 1199-1206.	1.8	5
64	Classifying carnivore tracks using dimensions that control for snow conditions. Wildlife Society Bulletin, 2017, 41, 278-285.	1.6	5
65	An integrated assessment of the potential impacts of climate change on Indiana forests. Climatic Change, 2020, 163, 1917-1931.	3.6	5
66	Effects of Woody Biomass Harvests on a Population of Plethodontid Salamanders in Southeast Indiana. American Midland Naturalist, 2017, 178, 132-143.	0.4	4
67	Activity of fishers at multiple temporal scales. Journal of Mammalogy, 2019, 100, 178-184.	1.3	4
68	Survival and Mortality Sources in a Recovering Population of Bobcats (Lynx rufus) in South-central Indiana. American Midland Naturalist, 2020, 184, .	0.4	3
69	Spatial risk modeling of cattle depredation by black vultures in the midwestern United States. Journal of Wildlife Management, 2022, 86, .	1.8	3
70	Simulating the relative effects of movement and sociality on the distribution of animal-transported subsidies. Theoretical Ecology, 2021, 14, 57-70.	1.0	2
71	Evaluating the legacy of multiple introductions of American martens on spatiotemporal patterns of genetic diversity. Journal of Mammalogy, 2022, 103, 303-315.	1.3	2
72	Mentored conference experiences support students' career exploration and professional development. Wildlife Society Bulletin, 2019, 43, 565-575.	1.6	1

#	Article	IF	Citations
73	Mustelidae Navigation. , 2018, , 1-8.		1
74	Considerations When Writing and Reviewing a Higher Education Teaching Protocol Involving Animals. Journal of the American Association for Laboratory Animal Science, 2017, 56, 500-508.	1.2	1
75	Landscape Ecology of Small Mammals. Ethology, 2001, 107, 365-366.	1.1	0
76	Factors influencing endangered bat conservation management by professional foresters. Forest Ecology and Management, 2019, 434, 172-180.	3.2	0
77	Mustelidae Navigation. , 2022, , 4512-4519.		0