

# Gabriel Blouin-Demers

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11506926/publications.pdf>

Version: 2024-02-01

108  
papers

3,381  
citations

159585

30  
h-index

161849

54  
g-index

108  
all docs

108  
docs citations

108  
times ranked

2506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kernels Are Not Accurate Estimators of Home-range Size for Herpetofauna. <i>Copeia</i> , 2006, 2006, 797-802.	1.3	195
2	THERMAL ECOLOGY OF BLACK RAT SNAKES ( <i>ELAPHE OBSOLETA</i> ) IN A THERMALLY CHALLENGING ENVIRONMENT. <i>Ecology</i> , 2001, 82, 3025-3043.	3.2	194
3	Understanding avian nest predation: why ornithologists should study snakes. <i>Journal of Avian Biology</i> , 2004, 35, 185-190.	1.2	172
4	An experimental test of the link between foraging, habitat selection and thermoregulation in black rat snakes <i>Elaphe obsoleta obsoleta</i> . <i>Journal of Animal Ecology</i> , 2001, 70, 1006-1013.	2.8	132
5	Demographic effects of road mortality in black ratsnakes ( <i>Elaphe obsoleta</i> ). <i>Biological Conservation</i> , 2007, 137, 117-124.	4.1	129
6	THE COST-BENEFIT MODEL OF THERMOREGULATION DOES NOT PREDICT LIZARD THERMOREGULATORY BEHAVIOR. <i>Ecology</i> , 2005, 86, 560-566.	3.2	120
7	Habitat Use by Black Rat Snakes ( <i>Elaphe obsoleta obsoleta</i> ) in Fragmented Forests. <i>Ecology</i> , 2001, 82, 2882.	3.2	119
8	HABITAT USE BY BLACK RAT SNAKES ( <i>ELAPHE OBSOLETA OBSOLETA</i> ) IN FRAGMENTED FORESTS. <i>Ecology</i> , 2001, 82, 2882-2896.	3.2	117
9	Habitat-specific behavioural thermoregulation by black rat snakes ( <i>Elaphe obsoleta obsoleta</i> ). <i>Oikos</i> , 2002, 97, 59-68.	2.7	100
10	Thermal quality influences effectiveness of thermoregulation, habitat use, and behaviour in milk snakes. <i>Oecologia</i> , 2006, 148, 1-11.	2.0	97
11	Anthropogenic noise affects song structure in red-winged blackbirds ( <i>Agelaius phoeniceus</i> ). <i>Journal of Experimental Biology</i> , 2011, 214, 3549-3556.	1.7	79
12	Habitat distribution influences dispersal and fine-scale genetic population structure of eastern foxsnakes ( <i>Mintonius gloydi</i> ) across a fragmented landscape. <i>Molecular Ecology</i> , 2010, 19, 5157-5171.	3.9	72
13	Freshwater Commercial Bycatch: An Understated Conservation Problem. <i>BioScience</i> , 2011, 61, 271-280.	4.9	71
14	Comparative demography of black rat snakes ( <i>Elaphe obsoleta</i> ) in Ontario and Maryland. <i>Journal of Zoology</i> , 2002, 256, 1-10.	1.7	65
15	Thermal quality influences habitat selection at multiple spatial scales in milksnakes. <i>Ecoscience</i> , 2006, 13, 443-450.	1.4	62
16	Thermal Ecology of Black Rat Snakes ( <i>Elaphe obsoleta</i> ) in a Thermally Challenging Environment. <i>Ecology</i> , 2001, 82, 3025.	3.2	61
17	Genetic evidence for sexual selection in black ratsnakes, <i>Elaphe obsoleta</i> . <i>Animal Behaviour</i> , 2005, 69, 225-234.	1.9	59
18	Phenotypic consequences of nest-site selection in black rat snakes ( <i>Elaphe obsoleta</i> ). <i>Canadian Journal of Zoology</i> , 2004, 82, 449-456.	1.0	53

#	ARTICLE	IF	CITATIONS
19	Conservation of herpetofauna in northern landscapes: Threats and challenges from a Canadian perspective. <i>Biological Conservation</i> , 2014, 170, 48-55.	4.1	52
20	Latitudinal variation in thermal ecology of North American ratsnakes and its implications for the effect of climate warming on snakes. <i>Journal of Thermal Biology</i> , 2012, 37, 273-281.	2.5	50
21	Implications of movement patterns for gene flow in black rat snakes ( <i>Elaphe obsoleta</i> ). <i>Canadian Journal of Zoology</i> , 2002, 80, 1162-1172.	1.0	48
22	Northern map turtles ( <i>Graptemys geographica</i> ) derive energy from the pelagic pathway through predation on zebra mussels ( <i>Dreissena polymorpha</i> ). <i>Freshwater Biology</i> , 2008, 53, 497-508.	2.4	44
23	Cold climate specialization: Adaptive covariation between metabolic rate and thermoregulation in pregnant vipers. <i>Physiology and Behavior</i> , 2013, 119, 149-155.	2.1	44
24	A test of the thermal coadaptation hypothesis with black rat snakes ( <i>Elaphe obsoleta</i> ) and northern water snakes ( <i>Nerodia sipedon</i> ). <i>Journal of Thermal Biology</i> , 2003, 28, 331-340.	2.5	41
25	Plasticity in Preferred Body Temperature of Young Snakes in Response to Temperature during Development. <i>Copeia</i> , 2000, 2000, 841-845.	1.3	38
26	Long-term effects of radiotelemetry on black ratsnakes. <i>Wildlife Society Bulletin</i> , 2004, 32, 900-906.	1.6	37
27	A novel association between a beetle and a snake: Parasitism of <i>Elaphe obsoleta</i> by <i>Nicrophorus pustulatus</i> . <i>Ecoscience</i> , 2000, 7, 395-397.	1.4	36
28	Latitudinal variation in seasonal activity and mortality in ratsnakes ( <i>Elaphe obsoleta</i> ). <i>Ecology</i> , 2010, 91, 1860-1866.	3.2	36
29	Thermal benefits of artificial shelters in snakes: A radiotelemetric study of two sympatric colubrids. <i>Journal of Thermal Biology</i> , 2010, 35, 324-331.	2.5	35
30	Spatial Ecology and Seasonal Activity of Blanding's Turtles ( <i>Emydoidea blandingii</i> ) in Ontario, Canada. <i>Journal of Herpetology</i> , 2011, 45, 370-378.	0.5	34
31	Thermal strategies and energetics in two sympatric colubrid snakes with contrasted exposure. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 180, 415-425.	1.5	31
32	Habitat suitability modelling for species at risk is sensitive to algorithm and scale: A case study of Blanding's turtle, <i>Emydoidea blandingii</i> , in Ontario, Canada. <i>Journal for Nature Conservation</i> , 2012, 20, 18-29.	1.8	28
33	A breath of fresh air: avoiding anoxia and mortality of freshwater turtles in fyke nets by the use of floats. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012, 22, 198-205.	2.0	28
34	Bycatch mortality can cause extirpation in four freshwater turtle species. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 71-80.	2.0	28
35	Seasonal and Prey-size Dietary Patterns of Black Ratsnakes ( <i>Elaphe obsoleta obsoleta</i> ). <i>American Midland Naturalist</i> , 2003, 150, 275-281.	0.4	27
36	Northern pike bycatch in an inland commercial hoop net fishery: Effects of water temperature and net tending frequency on injury, physiology, and survival. <i>Fisheries Research</i> , 2013, 137, 41-49.	1.7	27

#	ARTICLE	IF	CITATIONS
37	Cautionary notes on the descriptive analysis of performance curves in reptiles. <i>Journal of Thermal Biology</i> , 2006, 31, 287-291.	2.5	26
38	Implications of extreme sexual size dimorphism for thermoregulation in a freshwater turtle. <i>Oecologia</i> , 2010, 162, 313-322.	2.0	26
39	Estimating the energetic significance of basking behaviour in a temperate-zone turtle. <i>Ecoscience</i> , 2010, 17, 387-393.	1.4	26
40	Common Musk Turtles ( <i>Sternotherus odoratus</i> ) select habitats of high thermal quality at the northern extreme of their range. <i>Amphibia - Reptilia</i> , 2011, 32, 83-92.	0.5	26
41	Eastern Hognose Snakes ( <i>Heterodon platirhinos</i> ) Avoid Crossing Paved Roads, but Not Unpaved Roads. <i>Copeia</i> , 2013, 2013, 507-511.	1.3	26
42	Temperature selection in wood turtles ( <i>Glyptemys insculpta</i> ) and its implications for energetics. <i>Ecoscience</i> , 2008, 15, 398-406.	1.4	24
43	Postglacial recolonization in a cold climate specialist in western Europe: patterns of genetic diversity in the adder ( <i>Vipera berus</i> ) support the central-marginal hypothesis. <i>Molecular Ecology</i> , 2015, 24, 3639-3651.	3.9	24
44	High temperature intensifies negative density dependence of fitness in red flour beetles. <i>Ecology and Evolution</i> , 2015, 5, 1061-1067.	1.9	24
45	Tracking invasive animals with electronic tags to assess risks and develop management strategies. <i>Biological Invasions</i> , 2016, 18, 1219-1233.	2.4	24
46	Exploratory and defensive behaviours change with sex and body size in eastern garter snakes ( <i>Thamnophis sirtalis</i> ). <i>Journal of Ethology</i> , 2015, 33, 47-54.	0.8	23
47	Hybridization between mtDNA-defined phylogeographic lineages of black ratsnakes ( <i>Pantherophis</i> sp.). <i>Molecular Ecology</i> , 2006, 15, 3755-3767.	3.9	22
48	Mitigating bycatch of freshwater turtles in passively fished fyke nets through the use of exclusion and escape modifications. <i>Fisheries Research</i> , 2012, 125-126, 149-155.	1.7	22
49	Microhabitat Selection of Five-Lined Skinks in Northern Peripheral Populations. <i>Journal of Herpetology</i> , 2006, 40, 335-342.	0.5	21
50	CHANGES IN HABITAT USE AND MOVEMENT PATTERNS WITH BODY SIZE IN BLACK RATSNAKES ( <i>ELAPHE</i> )	0.4	21
51	Spatial Ecology of Northern Map Turtles ( <i>Graptemys geographica</i> ) in a Lotic and a Lentic Habitat. <i>Journal of Herpetology</i> , 2009, 43, 597-604.	0.5	20
52	Trophic niche overlap in two syntopic colubrid snakes ( <i>Hierophis viridiflavus</i> and <i>Zamenis</i> )	0.5	20
53	Density-dependent habitat selection predicts fitness and abundance in a small lizard. <i>Oikos</i> , 2018, 127, 448-459.	2.7	20
54	Habitat Use is Linked to Components of Fitness Through the Temperature-Dependence of Performance in Ratsnakes ( <i>Elaphe Obsoleta</i> ). <i>Israel Journal of Ecology and Evolution</i> , 2008, 54, 361-372.	0.6	19

#	ARTICLE	IF	CITATIONS
55	Do ectotherms partition thermal resources? We still do not know. <i>Oecologia</i> , 2017, 183, 337-345.	2.0	19
56	The Effects of Sex and Season on Patterns of Thermoregulation in Blanding's Turtles ( <i>Emydoidea</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	18
57	Does sexual bimaturation affect the cost of growth and the operational sex ratio in an extremely size-dimorphic reptile?. <i>Ecoscience</i> , 2009, 16, 175-182.	1.4	17
58	Movements and Habitat Use of Eastern Foxsnakes ( <i>Pantherophis gloydi</i> ) in Two Areas Varying in Size and Fragmentation. <i>Journal of Herpetology</i> , 2012, 46, 94-99.	0.5	17
59	Differential fitness in field and forest explains density-independent habitat selection by gartersnakes. <i>Oecologia</i> , 2016, 181, 841-851.	2.0	17
60	Allocation of offspring size and sex by female black ratsnakes. <i>Oikos</i> , 2007, 116, 1759-1767.	2.7	16
61	Distinguishing discrete polymorphism from continuous variation in throat colour of tree lizards, <i>Urosaurus ornatus</i> . <i>Biological Journal of the Linnean Society</i> , 2017, 121, 72-81.	1.6	15
62	Sexual Dichromatism in the Northern Map Turtle, <i>Graptemys geographica</i> . <i>Chelonian Conservation and Biology</i> , 2013, 12, 187-192.	0.6	14
63	Spring peepers <i>Pseudacris crucifer</i> modify their call structure in response to noise. <i>Environmental Epigenetics</i> , 2014, 60, 438-448.	1.8	14
64	Do boating and basking mix? The effect of basking disturbances by motorboats on the body temperature and energy budget of the northern map turtle. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 547-558.	2.0	14
65	Isolation and characterization of microsatellite loci in the black rat snake ( <i>Elaphe obsoleta</i> ). <i>Molecular Ecology Notes</i> , 2003, 3, 98-99.	1.7	13
66	The thermoregulatory strategy of two sympatric colubrid snakes affects their demography. <i>Population Ecology</i> , 2013, 55, 585-593.	1.2	12
67	Landscape composition weakly affects home range size in Blanding's turtles ( <i>Emydoidea</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.4	11
68	Patterns of throat colour variation in <i>Quedenfeldtia trachyblepharus</i> , a high-altitude gecko endemic to the High Atlas Mountains of Morocco. <i>Amphibia - Reptilia</i> , 2013, 34, 567-572.	0.5	11
69	Blanding's Turtles ( <i>Emydoidea blandingii</i> ) Avoid Crossing Unpaved and Paved Roads. <i>Journal of Herpetology</i> , 2014, 48, 267-271.	0.5	11
70	A stringent test of the thermal coadaptation hypothesis in flour beetles. <i>Journal of Thermal Biology</i> , 2015, 52, 108-116.	2.5	11
71	USE OF INHALANT ANESTHETICS IN THREE SNAKE SPECIES. <i>Contemporary Herpetology</i> , 2000, , 1-10.	0.0	10
72	Two Syntopic Colubrid Snakes Differ In Their Energetic Requirements and In Their Use of Space. <i>Herpetologica</i> , 2012, 68, 358-364.	0.4	10

#	ARTICLE	IF	CITATIONS
73	Influence of water temperature and net tending frequency on the condition of fish bycatch in a small-scale inland commercial fyke net fishery. <i>Journal for Nature Conservation</i> , 2013, 21, 217-224.	1.8	10
74	Does exposure to cues of fish predators fed different diets affect morphology and performance of Northern Leopard Frog ( <i>Lithobates pipiens</i> ) larvae?. <i>Canadian Journal of Zoology</i> , 2013, 91, 203-211.	1.0	9
75	Assisted Recovery Following Prolonged Submergence in Fishing Nets Can Be Beneficial to Turtles: An Assessment with Blood Physiology and Reflex Impairment. <i>Chelonian Conservation and Biology</i> , 2013, 12, 172-177.	0.6	9
76	Studying mate choice in the wild using 3D printed decoys and action cameras: a case of study of male choice in the northern map turtle. <i>Animal Behaviour</i> , 2018, 138, 141-143.	1.9	9
77	More sires may enhance offspring fitness in Northern Map Turtles ( <i>Graptemys geographica</i> ). <i>Canadian Journal of Zoology</i> , 2013, 91, 581-588.	1.0	7
78	Anthropogenic Disturbance Affects Movement and Increases Concealment in Western Diamondback Rattlesnakes ( <i>Crotalus atrox</i> ). <i>Journal of Herpetology</i> , 2016, 50, 216-221.	0.5	7
79	Male Aggregation Pheromones Inhibit Ideal Free Habitat Selection in Red Flour Beetles ( <i>Tribolium</i> ) Tj ETQq1 1 0.784314 rgBT <sub>7</sub> Overload	0.7	7
80	Eastern Garter Snakes ( <i>Thamnophis sirtalis</i> ) with proportionally larger heads are in better condition. <i>Amphibia - Reptilia</i> , 2011, 32, 424-427.	0.5	6
81	Dietary Reliance on Benthic Primary Production as a Predictor of Mercury Accumulation in Freshwater Fish and Turtles. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	6
82	Freshwater turtle bycatch research supports science-based fisheries management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1783-1790.	2.0	6
83	Improving the realism of random walk movement analyses through the incorporation of habitat bias. <i>Ecological Modelling</i> , 2013, 269, 18-20.	2.5	5
84	A test of the thermal coadaptation hypothesis with ultimate measures of fitness in flour beetles. <i>Journal of Thermal Biology</i> , 2017, 69, 206-212.	2.5	5
85	Geographic variation in body size and sexual size dimorphism of North American Ratsnakes ( <i>Pantherophis</i> spp. s.l.). <i>Canadian Journal of Zoology</i> , 2018, 96, 1196-1202.	1.0	5
86	Experimental removal reveals only weak interspecific competition between two coexisting lizards. <i>Canadian Journal of Zoology</i> , 2018, 96, 888-896.	1.0	5
87	Niche Partitioning between Two Sympatric Lizards in the Chiricahua Mountains of Arizona. <i>Copeia</i> , 2020, 108, .	1.3	5
88	Northern Snakes Appear Much More Abundant in Old Fields than in Forests. <i>Canadian Field-Naturalist</i> , 2018, 131, 228-234.	0.1	4
89	Do Female Red Flour Beetles Assess both Current and Future Competition during Oviposition?. <i>Journal of Insect Behavior</i> , 2019, 32, 181-187.	0.7	4
90	Eastern Hog-nosed Snake Habitat Selection at Multiple Spatial Scales in Ontario, Canada. <i>Journal of Wildlife Management</i> , 2021, 85, 838-846.	1.8	4

#	ARTICLE	IF	CITATIONS
91	Effects of landscape composition on wetland occupancy by Blanding's Turtles ( <i>Emydoidea blandingii</i> ) in the St. Lawrence River. <i>Conservation Biology</i> , 2021, 99, 672-680.	1.0	4
92	Using Behavioral Observations to Develop Escape Devices for Freshwater Turtles Entrapped in Fishing Nets. <i>Journal of Fish and Wildlife Management</i> , 2017, 8, 4-14.	0.9	4
93	Mortality Patterns and the Cost of Reproduction in a Northern Population of Ratsnakes, <i>Elaphe obsoleta</i> . <i>Journal of Herpetology</i> , 2012, 46, 100-103.	0.5	3
94	Faecal corticosterone metabolite concentrations are not a good predictor of habitat suitability for common gartersnakes. <i>Journal of Herpetology</i> , 2015, 3, 404-414.		3
95	Density-Dependent Foraging and Interference Competition by Common Gartersnakes are Temperature Dependent. <i>Ethology</i> , 2016, 122, 912-921.	1.1	3
96	Tree lizard ( <i>Urosaurus ornatus</i> ) growth decreases with population density, but increases with habitat quality. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2018, 329, 527-535.	1.9	3
97	Food quality influences density-dependent fitness, but not always density-dependent habitat selection, in red flour beetles (Coleoptera: Tenebrionidae). <i>Canadian Entomologist</i> , 2019, 151, 728-737.	0.8	3
98	Phylogenetic analysis of macroecological patterns of home range area in snakes. <i>Oecologia</i> , 2021, 195, 479-488.	2.0	3
99	Determinants of Legacy Persistent Organic Pollutant Levels in the European Pond Turtle ( <i>Emys orbicularis</i> ). <i>Environmental Science and Technology</i> , 2021, 55, 2261-2268.	4.3	3
100	Accidental Bait: Do Deceased Fish Increase Freshwater Turtle Bycatch in Commercial Fyke Nets?. <i>Environmental Management</i> , 2012, 50, 31-38.	2.7	2
101	Cocoa Butter Injections, but not Sealed or Perforated Silastic Implants, of Corticosterone can be used to Chronically Elevate Corticosterone in Free-Living Painted Turtles ( <i>Chrysemys picta</i> ). <i>Journal of Herpetology</i> , 2015, 49, 662-670.	0.5	2
102	Ornate tree lizards ( <i>Urosaurus ornatus</i> ) thermoregulate less accurately in habitats of high thermal quality. <i>Journal of Thermal Biology</i> , 2019, 85, 102-112.	2.5	2
103	Dispersal by gray ratsnakes: Effects of sex, age and time. <i>Population Ecology</i> , 2021, 63, 145-151.	1.2	2
104	Movement and Habitat Selection of Eastern Milkshakes ( <i>Lampropeltis triangulum</i> ) at Intact and Fragmented Sites. <i>Copeia</i> , 2020, 108, 108-118.	1.3	2
105	Exploring the effect of 195-year-old locks on species movement: landscape genetics of painted turtles in the Rideau Canal, Canada. <i>Conservation Genetics</i> , 2021, 22, 1-11.	1.5	2
106	Free-ranging male northern map turtles use public information when interacting with potential mates. <i>Ethology</i> , 2021, 127, 995-1005.	1.1	1
107	Observations on the Short-Term Effects of Motorboat Disturbance on the Use of Basking Sites by Female Northern Map Turtles. <i>Chelonian Conservation and Biology</i> , 2020, 19, 1-6.	0.6	1
108	Distinguishing discrete polymorphism from continuous variation in throat colour of tree lizards, <i>Urosaurus ornatus</i> . <i>Biological Journal of the Linnean Society</i> , 2018, 124, 560-560.	1.6	0