

Guy Beauchamp

List of Publications by Year in descending order

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Version: 2024-02-01

133
papers

4,381
citations

126708

33
h-index

128067

60
g-index

134
all docs

134
docs citations

134
times ranked

3977
citing authors

#	ARTICLE	IF	CITATIONS
1	Time for some a priori thinking about post hoc testing. Behavioral Ecology, 2008, 19, 690-693.	1.0	400
2	Interspecific information transfer influences animal community structure. Trends in Ecology and Evolution, 2010, 25, 354-361.	4.2	286
3	Why do birds participate in mixed-species foraging flocks? A large-scale synthesis. Animal Behaviour, 2009, 78, 337-347.	0.8	279
4	What is the magnitude of the group-size effect on vigilance?. Behavioral Ecology, 2008, 19, 1361-1368.	1.0	191
5	The evolution of communal roosting in birds: origin and secondary losses. Behavioral Ecology, 1999, 10, 675-687.	1.0	164
6	Group-size effects on vigilance: a search for mechanisms. Behavioural Processes, 2003, 63, 111-121.	0.5	155
7	The effect of group size on mean food intake rate in birds. Biological Reviews, 1998, 73, 449-472.	4.7	143
8	Reduced flocking by birds on islands with relaxed predation. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1039-1042.	1.2	118
9	ARRIVE has not ARRIVED: Support for the ARRIVE (Animal Research: Reporting of in vivo Experiments) guidelines does not improve the reporting quality of papers in animal welfare, analgesia or anesthesia. PLoS ONE, 2018, 13, e0197882.	1.1	110
10	Should vigilance always decrease with group size?. Behavioral Ecology and Sociobiology, 2001, 51, 47-52.	0.6	109
11	Volume and social context of physical activity in association with mental health, anxiety and depression among youth. Preventive Medicine, 2016, 91, 344-350.	1.6	86
12	Group-size and distance-to-neighbour effects on feeding and vigilance in brown-headed cowbirds. Animal Behaviour, 2007, 73, 771-778.	0.8	81
13	Flock size and human disturbance affect vigilance of endangered red-crowned cranes (Grus Tj ETQq1 1 0.784314 rgBT /Overlock 10 T F9 80		
14	Developmental model of suicide trajectories. British Journal of Psychiatry, 2014, 205, 120-126.	1.7	66
15	How does food density influence vigilance in birds and mammals?. Animal Behaviour, 2009, 78, 223-231.	0.8	65
16	False alarms and the evolution of antipredator vigilance. Animal Behaviour, 2007, 74, 1199-1206.	0.8	61
17	Drivers of Animal Vigilance. , 2015, , 81-116.		61
18	The relationship between leadership and gregariousness in mixed-species bird flocks. Journal of Avian Biology, 2010, 41, 99-103.	0.6	60

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19	Sleeping gulls monitor the vigilance behaviour of their neighbours. <i>Biology Letters</i> , 2009, 5, 9-11.	1.0	59
20	Changes in Vigilance with Group Size under Scramble Competition. <i>American Naturalist</i> , 2003, 161, 672-675.	1.0	58
21	Learning Rules for Social Foragers: Implications for the Producer-Scrounger Game and Ideal Free Distribution Theory. <i>Journal of Theoretical Biology</i> , 2000, 207, 21-35.	0.8	57
22	Exploring the role of vision in social foraging: What happens to group size, vigilance, spacing, aggression and habitat use in birds and mammals that forage at night?. <i>Biological Reviews</i> , 2007, 82, 511-525.	4.7	53
23	A spatial model of producing and scrounging. <i>Animal Behaviour</i> , 2008, 76, 1935-1942.	0.8	48
24	Disentangling risk dilution and collective detection in the antipredator vigilance of semipalmated sandpipers in flocks. <i>Animal Behaviour</i> , 2008, 75, 1837-1842.	0.8	47
25	The effect of group size on mean food intake rate in birds. <i>Biological Reviews</i> , 1998, 73, 449-472.	4.7	44
26	Effects of Reproductive Status, Social Rank, Sex and Group Size on Vigilance Patterns in Przewalski's Gazelle. <i>PLoS ONE</i> , 2012, 7, e32607.	1.1	43
27	The application of genetic algorithms in behavioural ecology, illustrated with a model of anti-predator vigilance. <i>Journal of Theoretical Biology</i> , 2008, 250, 435-448.	0.8	41
28	Foraging in groups allows collective predator detection in a mammal species without alarm calls. <i>Behavioral Ecology</i> , 2013, 24, 1229-1236.	1.0	41
29	Comparison of Four Staining Methods for Detection of Mast Cells in Equine Bronchoalveolar Lavage Fluid. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 377-381.	0.6	39
30	Higher-level evolution of intraspecific flock-feeding in birds. <i>Behavioral Ecology and Sociobiology</i> , 2002, 51, 480-487.	0.6	37
31	Consistent waves of collective vigilance in groups using public information about predation risk. <i>Behavioral Ecology</i> , 2012, 23, 368-374.	1.0	37
32	Analgesic efficacy of intraperitoneal administration of bupivacaine in cats. <i>Journal of Feline Medicine and Surgery</i> , 2016, 18, 906-912.	0.6	37
33	Coordination and Synchronisation of Anti-Predation Vigilance in Two Crane Species. <i>PLoS ONE</i> , 2011, 6, e26447.	1.1	35
34	Flock size and density influence speed of escape waves in semipalmated sandpipers. <i>Animal Behaviour</i> , 2012, 83, 1125-1129.	0.8	35
35	Analgesic effects of gabapentin and buprenorphine in cats undergoing ovariohysterectomy using two pain-scoring systems: a randomized clinical trial. <i>Journal of Feline Medicine and Surgery</i> , 2018, 20, 741-748.	0.6	33
36	Determinants of false alarms in staging flocks of semipalmated sandpipers. <i>Behavioral Ecology</i> , 2010, 21, 584-587.	1.0	32

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37	Disentangling the various mechanisms that account for the decline in vigilance with group size. <i>Behavioural Processes</i> , 2017, 136, 59-63.	0.5	32
38	A comparative analysis of vigilance in birds. <i>Evolutionary Ecology</i> , 2010, 24, 1267-1276.	0.5	30
39	Making heads turn: association between head movements during vigilance and perceived predation risk in brown-headed cowbird flocks. <i>Animal Behaviour</i> , 2011, 82, 573-577.	0.8	30
40	Long-distance migrating species of birds travel in larger groups. <i>Biology Letters</i> , 2011, 7, 692-694.	1.0	30
41	Group-size effects on vigilance: a search for mechanisms. <i>Behavioural Processes</i> , 2003, 63, 141-145.	0.5	29
42	Vigilance and Activity Time-Budget Adjustments of Wintering Hooded Cranes, <i>Grus monacha</i> , in Human-Dominated Foraging Habitats. <i>PLoS ONE</i> , 2015, 10, e0118928.	1.1	29
43	On how risk and group size interact to influence vigilance. <i>Biological Reviews</i> , 2019, 94, 1918-1934.	4.7	27
44	Predator Eavesdropping in a Mixed-Species Environment: How Prey Species May Use Grouping, Confusion, and the Cocktail Party Effect to Reduce Predator Detection. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	27
45	A Reassessment of the Predation Risk Allocation Hypothesis: A Comment on Lima and Bednekoff. <i>American Naturalist</i> , 2011, 177, 143-146.	1.0	26
46	An Experimental Analysis of Spatial Position Effects on Foraging and Vigilance in Brown-headed Cowbird flocks. <i>Ethology</i> , 2008, 114, 105-114.	0.5	25
47	Do avian cooperative breeders live longer?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140844.	1.2	25
48	Relationship between Distance to Cover, Vigilance and Group Size in Staging Flocks of Semipalmated Sandpipers. <i>Ethology</i> , 2010, 116, 645-652.	0.5	24
49	Collective Waves of Sleep in Gulls (<i>Larus</i> spp.). <i>Ethology</i> , 2011, 117, 326-331.	0.5	23
50	Determinants of vigilance in a reintroduced population of Père David's deer. <i>Environmental Epigenetics</i> , 2013, 59, 265-270.	0.9	23
51	Nonrandom patterns of vigilance in flocks of the greater flamingo, <i>Phoenicopterus ruber ruber</i> . <i>Animal Behaviour</i> , 2006, 71, 593-598.	0.8	22
52	Visual obstruction and vigilance: a natural experiment. <i>Journal of Avian Biology</i> , 2015, 46, 476-481.	0.6	22
53	Competition in foraging flocks of migrating semipalmated sandpipers. <i>Oecologia</i> , 2007, 154, 403-409.	0.9	21
54	Endobronchial Ultrasound Reliably Quantifies Airway Smooth Muscle Remodeling in an Equine Asthma Model. <i>PLoS ONE</i> , 2015, 10, e0136284.	1.1	21

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55	Foraging speed in staging flocks of semipalmated sandpipers: evidence for scramble competition. <i>Oecologia</i> , 2012, 169, 975-980.	0.9	20
56	Relaxed predation risk reduces but does not eliminate sociality in birds. <i>Biology Letters</i> , 2010, 6, 472-474.	1.0	19
57	Foraging success in a wild species of bird varies depending on which eye is used for anti-predator vigilance. <i>Laterality</i> , 2013, 18, 194-202.	0.5	19
58	Pain characterization and response to palliative care in dogs with naturally-occurring appendicular osteosarcoma: An open label clinical trial. <i>PLoS ONE</i> , 2018, 13, e0207200.	1.1	18
59	Group-foraging is not associated with longevity in North American birds. <i>Biology Letters</i> , 2010, 6, 42-44.	1.0	17
60	Do male and female gamblers have the same burden of adversity over their life course?. <i>International Gambling Studies</i> , 2015, 15, 224-238.	1.3	17
61	Is the magnitude of the group-size effect on vigilance underestimated?. <i>Animal Behaviour</i> , 2013, 85, 281-285.	0.8	16
62	Ex Vivo Biomechanical Comparison of 4 Suture Materials for Laparoscopic Bladder Closure in the Horse. <i>Veterinary Surgery</i> , 2016, 45, 374-379.	0.5	16
63	Half-Blind to the Risk of Predation. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	16
64	Social foragers adopt a riskier foraging mode in the centre of their groups. <i>Biology Letters</i> , 2013, 9, 20130528.	1.0	15
65	Collective Vigilance in the Wintering Hooded Crane: The Role of Flock Size and Anthropogenic Disturbances in a Human-Dominated Landscape. <i>Ethology</i> , 2016, 122, 999-1008.	0.5	15
66	Function and structure of vigilance in a gregarious species exposed to threats from predators and conspecifics. <i>Animal Behaviour</i> , 2016, 116, 195-201.	0.8	15
67	Plumage Mimicry in Avian Mixed-Species Flocks: More or Less than Meets the Eye?. <i>Auk</i> , 2011, 128, 487-496.	0.7	14
68	Characterization of pica and chewing behaviors in privately owned cats: a case-control study. <i>Journal of Feline Medicine and Surgery</i> , 2016, 18, 652-657.	0.6	14
69	Field Study on the Immunological Response and Protective Effect of a Licensed Autogenous Vaccine to Control <i>Streptococcus suis</i> Infections in Post-Weaned Piglets. <i>Vaccines</i> , 2020, 8, 384.	2.1	14
70	Do avian species survive better on islands?. <i>Biology Letters</i> , 2021, 17, 20200643.	1.0	14
71	Functional response of staging semipalmated sandpipers feeding on burrowing amphipods. <i>Oecologia</i> , 2009, 161, 651-655.	0.9	13
72	Effects of staining method and clinician experience on the evaluation of stallion sperm morphology. <i>Animal Reproduction Science</i> , 2018, 188, 165-169.	0.5	13

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73	Perceptions and opinions of pet owners in the United States about surgery, pain management, and anesthesia in dogs and cats. <i>Veterinary Surgery</i> , 2018, 47, 277-284.	0.5	13
74	A meta-analysis of the group-size effect on vigilance in mammals. <i>Behavioral Ecology</i> , 2021, 32, 919-925.	1.0	13
75	The Relationship between Intra- and Interspecific Brood Amalgamation in Waterfowl. <i>Condor</i> , 1998, 100, 153-162.	0.7	12
76	Group-Size Effect on Vigilance and Foraging in a Predator-Free Population of Feral Goats (<i>Capra</i>). <i>Overlook</i> 10	0.5	12
77	Porcine Dendritic Cells as an In Vitro Model to Assess the Immunological Behaviour of Streptococcus suis Subunit Vaccine Formulations and the Polarizing Effect of Adjuvants. <i>Pathogens</i> , 2017, 6, 13.	1.2	12
78	Difficulties in Monitoring Conspecifics Mediate the Effects of Visual Obstruction on the Level and Synchronization of Vigilance. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	12
79	Are vocal characteristics related to leadership patterns in mixed-species bird flocks?. <i>Journal of Avian Biology</i> , 2018, 49, jav-01674.	0.6	12
80	Analgesic Efficacy of Bupivacaine or Bupivacaine-Dexmedetomidine After Intraperitoneal Administration in Cats: A Randomized, Blinded, Clinical Trial. <i>Frontiers in Veterinary Science</i> , 2019, 6, 307.	0.9	12
81	Comparison of an alcohol-based hand rub and water-based chlorhexidine gluconate scrub technique for hand antisepsis prior to elective surgery in horses. <i>Canadian Veterinary Journal</i> , 2016, 57, 164-8.	0.0	12
82	Transurethral cystoscopy in dogs with recurrent urinary tract infections: Retrospective study (2011-2018). <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 790-796.	0.6	11
83	Minimal renal pelvis dilation in cats diagnosed with benign ureteral obstruction by antegrade pyelography: a retrospective study of 82 cases (2012-2018). <i>Journal of Feline Medicine and Surgery</i> , 2021, 23, 892-899.	0.6	11
84	Vigilance Decreases with Time at Loafing Sites in Gulls (<i>Larus</i> spp.). <i>Ethology</i> , 2012, 118, 733-739.	0.5	10
85	A field investigation of scrounging in semipalmated sandpipers. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1473-1479.	0.6	10
86	Spatial, Temporal and Weather factors Influencing the Foraging Behavior of Migrating Semipalmated Sandpipers. <i>Waterbirds</i> , 2006, 29, 221-225.	0.2	9
87	Flocking in birds increases annual adult survival in a global analysis. <i>Oecologia</i> , 2021, 197, 387-394.	0.9	9
88	Evolution of in vitro antimicrobial resistance in an equine hospital over 3 decades. <i>Canadian Veterinary Journal</i> , 2016, 57, 747-51.	0.0	9
89	Frequency-dependent conspecific attraction to food patches. <i>Biology Letters</i> , 2014, 10, 20140522.	1.0	8
90	Acute, subacute and chronic sequelae of horses accidentally exposed to monensin-contaminated feed. <i>Equine Veterinary Journal</i> , 2020, 52, 848-856.	0.9	8

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91	Agreement among undergraduate and graduate veterinary students and veterinary anesthesiologists on pain assessment in cats and dogs: A preliminary study. <i>Canadian Veterinary Journal</i> , 2017, 58, 805-808.	0.0	8
92	Flocking in birds is associated with diet, foraging substrate, timing of activity, and life history. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, .	0.6	8
93	On the use of public information by social foragers to assess patch quality. <i>Oikos</i> , 2004, 107, 206-209.	1.2	7
94	Examining the link between adult attachment style, employment and academic achievement in first semester higher education. <i>Social Psychology of Education</i> , 2016, 19, 367-384.	1.2	7
95	Spread of false alarms in foraging flocks of house sparrows. <i>Ethology</i> , 2017, 123, 526-531.	0.5	7
96	The spatial distribution of foragers and food patches can influence antipredator vigilance. <i>Behavioral Ecology</i> , 2017, 28, 304-311.	1.0	7
97	Individual vigilance profiles in flocks of House Sparrows (<i>Passer domesticus</i>). <i>Canadian Journal of Zoology</i> , 2018, 96, 1016-1023.	0.4	7
98	Predator attack patterns influence vigilance in a virtual experiment. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	0.6	7
99	Subcutaneous ureteral bypass device placement in 81 cats with benign ureteral obstruction (2013-2018). <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2778-2786.	0.6	7
100	Male gamblers "suicide victims and living controls: comparison of adversity over the life course. <i>International Gambling Studies</i> , 2016, 16, 140-155.	1.3	6
101	The effect of age on vigilance: a longitudinal study with precocial species. <i>Behaviour</i> , 2018, 155, 1011-1024.	0.4	6
102	Effects of a propriety oiled mixed hay feeding system on lung function, neutrophilic airway inflammation and oxidative stress in severe asthmatic horses. <i>Equine Veterinary Journal</i> , 2020, 52, 564-571.	0.9	6
103	TIME OF DAY AND FLIGHTINESS IN FLOCKS OF SEMIPALMATED SANDPIPERS. <i>Condor</i> , 2008, 110, 269-275.	0.7	5
104	External body temperature and vigilance to a lesser extent track variation in predation risk in domestic fowls. <i>BMC Zoology</i> , 2019, 4, .	0.3	5
105	Management of veterinary anaesthesia in small animals: A survey of current practice in Quebec. <i>PLoS ONE</i> , 2020, 15, e0227204.	1.1	5
106	Why migrate during the day: a comparative analysis of North American birds. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1969-1974.	0.8	4
107	Timing of attacks by a predator at a prey hotspot. <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 269-276.	0.6	4
108	Effect of forager density on feeding rates in spring-staging Semipalmated Sandpipers (<i>Calidris pusilla</i>) using different foraging modes. <i>Canadian Journal of Zoology</i> , 2018, 96, 996-1001.	0.4	4

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109	Feasibility and reliability of electrical, mechanical and thermal nociceptive testing and assessment of diffuse noxious inhibitory control in dogs. <i>Journal of Pain Research</i> , 2018, Volume 11, 2491-2496.	0.8	4
110	Immunogenicity study of a <i>Streptococcus suis</i> autogenous vaccine in preparturient sows and evaluation of passive maternal immunity in piglets. <i>BMC Veterinary Research</i> , 2021, 17, 72.	0.7	4
111	Effects of Butorphanol With Alfaxalone or Dexmedetomidine on Feline Splenic Size and Appearance on Ultrasound and Computed Tomography. <i>Frontiers in Veterinary Science</i> , 2021, 8, 572146.	0.9	3
112	Factors that affect detection of threats from food competitors within a group. <i>Canadian Journal of Zoology</i> , 2016, 94, 449-452.	0.4	2
113	Does sun glare increase antipredator behaviour in prey?. <i>Journal of Avian Biology</i> , 2017, 48, 591-595.	0.6	2
114	Can scalar timing explain variability in scanning patterns?. <i>Behavioural Processes</i> , 2019, 158, 85-88.	0.5	2
115	The Role of Adolescence in Development Paths Toward Suicide: Specificities and Shaping of Adversity Trajectories. <i>Frontiers in Psychiatry</i> , 2020, 11, 557131.	1.3	2
116	Management of veterinary anaesthesia and analgesia in small animals: A survey of English-speaking practitioners in Canada. <i>PLoS ONE</i> , 2021, 16, e0257448.	1.1	2
117	Evaluation of the effect of 4 types of knots on the mechanical properties of 4 types of suture material used in small animal practice. <i>Canadian Journal of Veterinary Research</i> , 2016, 80, 162-70.	0.2	2
118	Evaluation of 1,2-o-dilauryl-rac-glycero-3-glutaric acid-(6'-methylresorufin) ester lipase concentrations in cats with kidney disease and with normal SNAP fPL. <i>Canadian Veterinary Journal</i> , 2020, 61, 743-748.	0.0	2
119	Reliability of Electric Pulp Test, Cold Pulp Test or Tooth Transillumination to Assess Pulpal Health in Permanent Dog Teeth. <i>Journal of Veterinary Dentistry</i> , 2022, 39, 133-141.	0.1	2
120	Time spent grooming is a labile trait in waterfowl that varies with foraging ecology but not sociality. <i>Behaviour</i> , 2012, 149, 723-736.	0.4	1
121	Proof of concept study: Evaluation of plasma and urinary electrolytes as markers of response to Lâ€sparaginase therapy in dogs with highâ€grade lymphoma. <i>Veterinary Clinical Pathology</i> , 2020, 49, 476-483.	0.3	1
122	The effect of transfixation pins on the biomechanical properties of angled acrylic connecting bars. <i>Canadian Journal of Veterinary Research</i> , 2019, 83, 17-23.	0.2	1
123	Bilateral thoracic radiographs increase lesion detection in horses with pneumonia or pulmonary neoplasia but do not bring any additional benefit for inflammatory or diffuse pulmonary disease. <i>Veterinary Radiology and Ultrasound</i> , 2022, , .	0.4	1
124	Group Living. , 2019, , 304-308.		0
125	Fluoroscopic and radiographic assessment of variations in tracheal height during inspiration and expiration in healthy adult small-breed dogs. <i>Canadian Journal of Veterinary Research</i> , 2020, 84, 24-32.	0.2	0
126	Asthmatic Bronchial Matrices Determine the Gene Expression and Behavior of Smooth Muscle Cells in a 3D Culture Model. <i>Frontiers in Allergy</i> , 2021, 2, 762026.	1.2	0

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127	Colonial breeding birds show greater annual adult apparent survival globally. <i>Ibis</i> , 0, , .	1.0	0
128	Management of veterinary anaesthesia in small animals: A survey of current practice in Quebec. , 2020, 15, e0227204.		0
129	Management of veterinary anaesthesia in small animals: A survey of current practice in Quebec. , 2020, 15, e0227204.		0
130	Management of veterinary anaesthesia in small animals: A survey of current practice in Quebec. , 2020, 15, e0227204.		0
131	Management of veterinary anaesthesia in small animals: A survey of current practice in Quebec. , 2020, 15, e0227204.		0
132	Effects of the number and the position of transfixation pins in acrylic connecting bars.. <i>Canadian Journal of Veterinary Research</i> , 2022, 86, 35-39.	0.2	0
133	An <i>in vitro</i> model for discovery of osteoclast specific biomarkers towards identification of racehorses at risk for catastrophic fractures. <i>Equine Veterinary Journal</i> , 2023, 55, 534-550.	0.9	0