

Bernard D Roitberg

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,918
citations

236612

25
h-index

264894

42
g-index

66
all docs

66
docs citations

66
times ranked

1816
citing authors

#	ARTICLE	IF	CITATIONS
1	Intersection between parental investment, transgenerational immunity, and termite sociality in the face of disease: a theoretical approach. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, 1.	0.6	2
2	Insect extinction: introduction to special issue. <i>Ecological Entomology</i> , 2021, 46, 691-692.	1.1	2
3	Ecology and Prediction of Compensatory Growth: From Theory to Application in Forestry. <i>Frontiers in Plant Science</i> , 2021, 12, 655417.	1.7	10
4	Forest Productivity Enhancement and Compensatory Growth: A Review and Synthesis. <i>Frontiers in Plant Science</i> , 2020, 11, 575211.	1.7	16
5	State-dependent domicile leaving rates in <i>Anopheles gambiae</i> . <i>Malaria Journal</i> , 2018, 17, 25.	0.8	1
6	Impact of male alternative reproductive tactics on female costs of sexual conflict under variation in operational sex ratio and population density. <i>Ecology and Evolution</i> , 2018, 8, 584-591.	0.8	3
7	State dependence, personality, and plants: light-foraging decisions in <i>Mimosa pudica</i> (L). <i>Ecology and Evolution</i> , 2016, 6, 6301-6309.	0.8	15
8	Cold snaps, heatwaves, and arthropod growth. <i>Ecological Entomology</i> , 2016, 41, 653-659.	1.1	38
9	Variable flight distance to resources results in changing sex allocation decisions, <i>Megachile rotundata</i> . <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 247-253.	0.6	8
10	Using optimality models to improve the efficacy of parasitoids in biological control programmes. <i>Entomologia Experimentalis Et Applicata</i> , 2016, 158, 2-16.	0.7	28
11	Variation in maternal solitary bee nest defence related to nest state. <i>Apidologie</i> , 2016, 47, 90-100.	0.9	5
12	Making the best of a bad situation: host partial resistance and bypass of behavioral manipulation by parasites?. <i>Trends in Parasitology</i> , 2015, 31, 413-418.	1.5	15
13	Energy-State Dependent Response of <i>Anopheles gambiae</i> to DEET-Protected, Simulated Blood-Hosts. <i>Journal of Insect Behavior</i> , 2015, 28, 67-76.	0.4	2
14	On the evolution of omnivory in a community context. <i>Ecology and Evolution</i> , 2014, 4, 251-265.	0.8	24
15	Bite or flight: the response of mosquitoes to disturbance while feeding on a defensive host. <i>Entomologia Experimentalis Et Applicata</i> , 2014, 153, 240-245.	0.7	11
16	Mosquito Behaviour and Disease Control. <i>Evolution, Medicine and Public Health</i> , 2014, 2014, 162-162.	1.1	6
17	Impact of extreme and fluctuating temperatures on aphid-parasitoid dynamics. <i>Oikos</i> , 2014, 123, 89-98.	1.2	26
18	Natural enemies on the landscape – Integrating life-history theory and landscapes. <i>Biological Control</i> , 2014, 75, 39-47.	1.4	15

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19	Effects of larval density and feeding rates on larval life history traits in <i>Anopheles gambiae</i> s.s. (Diptera: Culicidae). <i>Journal of Vector Ecology</i> , 2013, 38, 120-126.	0.5	27
20	Female-biased sex ratio shifts in a solitary parasitoid and their effects on virginity, population dynamics, and biological control. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 146, 165-176.	0.7	10
21	Effects of food, water depth, and temperature on diving activity of larval <i>Anopheles gambiae sensu stricto</i> : evidence for diving to forage. <i>Journal of Vector Ecology</i> , 2013, 38, 301-306.	0.5	8
22	Plant Feeding in an Omnivorous Mirid, <i>Dicyphus hesperus</i> : Why Plant Context Matters. <i>Psyche: Journal of Entomology</i> , 2012, 2012, 1-12.	0.4	18
23	Phenology of <i>Dasineura oxycoccana</i> (Diptera: Cecidomyiidae) on Cranberry and Blueberry Indicates Potential for Gene Flow. <i>Journal of Economic Entomology</i> , 2012, 105, 1205-1213.	0.8	8
24	Effects of simulated heat waves on an experimental community of pepper plants, green peach aphids and two parasitoid species. <i>Oikos</i> , 2012, 121, 149-159.	1.2	83
25	Energy-state dependent responses of <i>Anopheles gambiae</i> (Diptera: Culicidae) to simulated bednet-protected hosts. <i>Journal of Vector Ecology</i> , 2012, 37, 172-178.	0.5	6
26	Parasites discover behavioral ecology: how to manage one's host in a complex world. , 2012, , 54-70.		3
27	The impacts of extreme and fluctuating temperatures on trait-mediated indirect aphid-parasitoid interactions. <i>Ecological Entomology</i> , 2011, 36, 490-498.	1.1	45
28	Host-associated differentiation in reproductive behaviour of cecidomyiid midges on cranberry and blueberry. <i>Entomologia Experimentalis Et Applicata</i> , 2011, 141, 8-14.	0.7	27
29	A Theoretical Approach to Study the Evolution of Aggregation Behavior by Larval Codling Moth, <i>Cydia pomonella</i> (Lepidoptera: Tortricidae). <i>Journal of Insect Behavior</i> , 2011, 24, 249-263.	0.4	3
30	Dynamic response to danger in a parasitoid wasp. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 627-637.	0.6	12
31	Threat of Infection and Threat-Avoidance Behavior in the Predator <i>Dicyphus hesperus</i> Feeding on Whitefly Nymphs Infected with an Entomopathogen. <i>Journal of Insect Behavior</i> , 2010, 23, 90-99.	0.4	18
32	Predator identity and the nature and strength of food web interactions. <i>Journal of Animal Ecology</i> , 2010, 79, 1164-1171.	1.3	29
33	Possible aversion learning in the Pacific Coast wireworm. <i>Physiological Entomology</i> , 2010, 35, 19-28.	0.6	9
34	Mosquito Biting and Movement Rates as an Emergent Community Property and The Implications for Malarial Interventions. <i>Israel Journal of Ecology and Evolution</i> , 2010, 56, 297-312.	0.2	14
35	Host-adapted parasitoids in biological control: Does source matter?. <i>Ecological Applications</i> , 2010, 20, 242-250.	1.8	52
36	State-dependent attacks in a mosquito. <i>Physiological Entomology</i> , 2010, 35, 46-51.	0.6	16

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37	A dynamic host selection model for mountain pine beetle, <i>Dendroctonus ponderosae</i> Hopkins. <i>Ecological Modelling</i> , 2009, 220, 1241-1250.	1.2	23
38	Size-mediated adaptive foraging: a host-selection strategy for insect parasitoids. <i>Oecologia</i> , 2009, 161, 433-445.	0.9	33
39	HOST-RANGE EVOLUTION IN <i>APHIDIUS</i> PARASITOIDS: FIDELITY, VIRULENCE AND FITNESS TRADE-OFFS ON AN ANCESTRAL HOST. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 689-699.	1.1	68
40	Ovarian response to resource availability in female <i>Rhagoletis indifferens</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2008, 129, 26-31.	0.7	5
41	Relative flight responses of <i>Rhagoletis indifferens</i> as influenced by crowding, sex, and resources. <i>Entomologia Experimentalis Et Applicata</i> , 2007, 123, 91-100.	0.7	15
42	Why pest management needs behavioral ecology and vice versa. <i>Entomological Research</i> , 2007, 37, 14-18.	0.6	32
43	Combined effects of the entomopathogenic fungus, <i>Paecilomyces fumosoroseus</i> Apopka-97, and the generalist predator, <i>Dicyphus hesperus</i> , on whitefly populations. <i>BioControl</i> , 2007, 52, 669-681.	0.9	28
44	Trophic egg laying: hypotheses and tests. <i>Oikos</i> , 2006, 112, 706-714.	1.2	84
45	Patch Retention Time in an Omnivore, <i>Dicyphus hesperus</i> is Dependent on Both Host Plant and Prey Type. <i>Journal of Insect Behavior</i> , 2006, 19, 613-621.	0.4	9
46	Impacts of flight distance on sex ratio and resource allocation to offspring in the leafcutter bee, <i>Megachile rotundata</i> . <i>Behavioral Ecology and Sociobiology</i> , 2006, 59, 589-596.	0.6	63
47	Covariance of phenotypically plastic traits induces an adaptive shift in host selection behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2893-2899.	1.2	41
48	Insect Herbivore-Host Dynamics A. F. G. Dixon . 2005. <i>Insect Herbivore-Host Dynamics</i> . Cambridge University Press.viii+. 199 15.5 Å— 23.5 cm, hardcover, US\$90.00. ISBN: 0-521-80232-6.. <i>Ecoscience</i> , 2006, 13, 422-422.	0.6	0
49	Ladybird mothers mitigate offspring starvation risk by laying trophic eggs. <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 578-586.	0.6	59
50	The cost of being an omnivore: mandible wear from plant feeding in a true bug. <i>Die Naturwissenschaften</i> , 2005, 92, 431-434.	0.6	37
51	Does the <i>Anopheles</i> blood meal-fecundity curve, curve?. <i>Journal of Vector Ecology</i> , 2005, 30, 83-6.	0.5	20
52	From parasitoid behavior to biological control: applied behavioral ecology. <i>Canadian Entomologist</i> , 2004, 136, 289-297.	0.4	7
53	Cornicle length in Macrosiphini aphids: a comparison of ecological traits. <i>Ecological Entomology</i> , 2002, 27, 758-762.	1.1	16
54	Title is missing!. <i>Journal of Insect Behavior</i> , 2000, 13, 321-329.	0.4	32

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55	A Model of Mutual Tolerance and the Origin of Communal Associations Between Unrelated Females. <i>Journal of Insect Behavior</i> , 1998, 11, 265-286.	0.4	14
56	Duration of paternal care in pine engraver beetles: why do larger males care less?. <i>Behavioral Ecology and Sociobiology</i> , 1998, 43, 379-386.	0.6	81
57	THE EFFECT OF CONSPECIFICS ON OVIPOSITION SITE SELECTION AND OVIPOSITION BEHAVIOUR IN <i>AEDES TOGOI</i> (THEOBOLD) (DIPTERA: CULICIDAE). <i>Canadian Entomologist</i> , 1997, 129, 1173-1176.	0.4	23
58	To mark the host or the patch: Decisions of a parasitoid searching for concealed host larvae. <i>Evolutionary Ecology</i> , 1997, 11, 145-168.	0.5	49
59	Life expectancy and reproduction. <i>Nature</i> , 1993, 364, 108-108.	13.7	163
60	The economics of escape behaviour in the pea aphid, <i>Acyrtosiphon pisum</i> . <i>Oecologia</i> , 1990, 83, 473-478.	0.9	133
61	The cost of reproduction in rosehip flies, <i>Rhagoletis basiola</i> : Eggs are time. <i>Evolutionary Ecology</i> , 1989, 3, 183-188.	0.5	57
62	Dynamic information and host acceptance by a tephritid fruit fly. <i>Ecological Entomology</i> , 1989, 14, 181-189.	1.1	75
63	On the evolutionary ecology of marking pheromones. <i>Evolutionary Ecology</i> , 1988, 2, 289-315.	0.5	116
64	Assumptions about suicidal behaviour of aphids. <i>Nature</i> , 1988, 332, 494-495.	13.7	16
65	Arthropod pest behavior and IPM. , 0, , 87-121.		3