Bernard D Roitberg

List of Publications by Year
in descending order

65	1,918	236612	264894
papers	citations	25 h-index	42 g-index

66	66	66	1816
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Life expectancy and reproduction. Nature, 1993, 364, 108-108.	13.7	163
2	The economics of escape behaviour in the pea aphid, Acyrthosiphon pisum. Oecologia, 1990, 83, 473-478.	0.9	133
3	On the evolutionary ecology of marking pheromones. Evolutionary Ecology, 1988, 2, 289-315.	0.5	116
4	Trophic egg laying: hypotheses and tests. Oikos, 2006, 112, 706-714.	1.2	84
5	Effects of simulated heat waves on an experimental community of pepper plants, green peach aphids and two parasitoid species. Oikos, 2012, 121, 149-159.	1.2	83
6	Duration of paternal care in pine engraver beetles: why do larger males care less?. Behavioral Ecology and Sociobiology, 1998, 43, 379-386.	0.6	81
7	Dynamic information and host acceptance by a tephritid fruit fly. Ecological Entomology, 1989, 14, 181-189.	1.1	75
8	HOST-RANGE EVOLUTION INAPHIDIUSPARASITOIDS: FIDELITY, VIRULENCE AND FITNESS TRADE-OFFS ON AN ANCESTRAL HOST. Evolution; International Journal of Organic Evolution, 2008, 62, 689-699.	1.1	68
9	Impacts of flight distance on sex ratio and resource allocation to offspring in the leafcutter bee, Megachile rotundata. Behavioral Ecology and Sociobiology, 2006, 59, 589-596.	0.6	63
10	Ladybird mothers mitigate offspring starvation risk by laying trophic eggs. Behavioral Ecology and Sociobiology, 2005, 58, 578-586.	0.6	59
11	The cost of reproduction in rosehip flies,Rhagoletis basiola: Eggs are time. Evolutionary Ecology, 1989, 3, 183-188.	0.5	57
12	Hostâ€adapted parasitoids in biological control: Does source matter?. Ecological Applications, 2010, 20, 242-250.	1.8	52
13	To mark the host or the patch: Decisions of a parasitoid searching for concealed host larvae. Evolutionary Ecology, 1997, 11, 145-168.	0.5	49
14	The impacts of extreme and fluctuating temperatures on trait-mediated indirect aphid-parasitoid interactions. Ecological Entomology, 2011, 36, 490-498.	1.1	45
15	Covariance of phenotypically plastic traits induces an adaptive shift in host selection behaviour. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2893-2899.	1.2	41
16	Cold snaps, heatwaves, and arthropod growth. Ecological Entomology, 2016, 41, 653-659.	1.1	38
17	The cost of being an omnivore: mandible wear from plant feeding in a true bug. Die Naturwissenschaften, 2005, 92, 431-434.	0.6	37
18	Size-mediated adaptive foraging: a host-selection strategy for insect parasitoids. Oecologia, 2009, 161, 433-445.	0.9	33

#	Article	IF	Citations
19	Title is missing!. Journal of Insect Behavior, 2000, 13, 321-329.	0.4	32
20	Why pest management needs behavioral ecology and vice versa. Entomological Research, 2007, 37, 14-18.	0.6	32
21	Predator identity and the nature and strength of food web interactions. Journal of Animal Ecology, 2010, 79, 1164-1171.	1.3	29
22	Combined effects of the entomopathogenic fungus, Paecilomyces fumosoroseus Apopka-97, and the generalist predator, Dicyphus hesperus, on whitefly populations. BioControl, 2007, 52, 669-681.	0.9	28
23	Using optimality models to improve the efficacy of parasitoids in biological control programmes. Entomologia Experimentalis Et Applicata, 2016, 158, 2-16.	0.7	28
24	Host-associated differentiation in reproductive behaviour of cecidomyiid midges on cranberry and blueberry. Entomologia Experimentalis Et Applicata, 2011, 141, 8-14.	0.7	27
25	Effects of larval density and feeding rates on larval life history traits inAnopheles gambiaes.s. (Diptera: Culicidae). Journal of Vector Ecology, 2013, 38, 120-126.	0.5	27
26	Impact of extreme and fluctuating temperatures on aphidâ€“parasitoid dynamics. Oikos, 2014, 123, 89-98.	1.2	26
27	On the evolution of omnivory in a community context. Ecology and Evolution, 2014, 4, 251-265.	0.8	24
28	THE EFFECT OF CONSPECIFICS ON OVIPOSITION SITE SELECTION AND OVIPOSITION BEHAVIOUR IN AEDES TOGOI (THEOBOLD) (DIPTERA: CULICIDAE). Canadian Entomologist, 1997, 129, 1173-1176.	0.4	23
29	A dynamic host selection model for mountain pine beetle, Dendroctonus ponderosae Hopkins. Ecological Modelling, 2009, 220, 1241-1250.	1.2	23
30	Does the Anopheles blood meal-fecundity curve, curve?. Journal of Vector Ecology, 2005, 30, 83-6.	0.5	20
31	Threat of Infection and Threat-Avoidance Behavior in the Predator Dicyphus hesperus Feeding on Whitefly Nymphs Infected with an Entomopathogen. Journal of Insect Behavior, 2010, 23, 90-99.	0.4	18
32	Plant Feeding in an Omnivorous Mirid,Dicyphus hesperus: Why Plant Context Matters. Psyche: Journal of Entomology, 2012, 2012, 1-12.	0.4	18
33	Assumptions about suicidal behaviour of aphids. Nature, 1988, 332, 494-495.	13.7	16
34	Cornicle length in Macrosiphini aphids: a comparison of ecological traits. Ecological Entomology, 2002, 27, 758-762.	1.1	16
35	State-dependent attacks in a mosquito. Physiological Entomology, 2010, 35, 46-51.	0.6	16
36	Forest Productivity Enhancement and Compensatory Growth: A Review and Synthesis. Frontiers in Plant Science, 2020, 11, 575211.	1.7	16

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37	Relative flight responses of Rhagoletis indifferens as influenced by crowding, sex, and resources. Entomologia Experimentalis Et Applicata, 2007, 123, 91-100.	0.7	15
38	Natural enemies on the landscape â€“ Integrating life-history theory and landscapes. Biological Control, 2014, 75, 39-47.	1.4	15
39	Making the best of a bad situation: host partial resistance and bypass of behavioral manipulation by parasites?. Trends in Parasitology, 2015, 31, 413-418.	1.5	15
40	State dependence, personality, and plants: lightâ€foraging decisions in Mimosa pudica (L.). Ecology and Evolution, 2016, 6, 6301-6309.	0.8	15
41	A Model of Mutual Tolerance and the Origin of Communal Associations Between Unrelated Females. Journal of Insect Behavior, 1998, 11, 265-286.	0.4	14
42	Mosquito Biting and Movement Rates as an Emergent Community Property and The Implications for Malarial Interventions. Israel Journal of Ecology and Evolution, 2010, 56, 297-312.	0.2	14
43	Dynamic response to danger in a parasitoid wasp. Behavioral Ecology and Sociobiology, 2010, 64, 627-637.	0.6	12
44	Bite or flight: the response of mosquitoes to disturbance while feeding on a defensive host. Entomologia Experimentalis Et Applicata, 2014, 153, 240-245.	0.7	11
45	Femaleâ€biased sex ratio shifts in a solitary parasitoid and their effects on virginity, population dynamics, and biological control. Entomologia Experimentalis Et Applicata, 2013, 146, 165-176.	0.7	10
46	Ecology and Prediction of Compensatory Growth: From Theory to Application in Forestry. Frontiers in Plant Science, 2021, 12, 655417.	1.7	10
47	Patch Retention Time in an Omnivore, Dicyphus hesperus is Dependent on Both Host Plant and Prey Type. Journal of Insect Behavior, 2006, 19, 613-621.	0.4	9
48	Possible aversion learning in the Pacific Coast wireworm. Physiological Entomology, 2010, 35, 19-28.	0.6	9
49	Phenology of <I>Dasineura oxycoccana</I> (Diptera: Cecidomyiidae) on Cranberry and Blueberry Indicates Potential for Gene Flow. Journal of Economic Entomology, 2012, 105, 1205-1213.	0.8	8
50	Effects of food, water depth, and temperature on diving activity of larvalAnopheles gambiae sensu stricto:evidence for diving to forage. Journal of Vector Ecology, 2013, 38, 301-306.	0.5	8
51	Variable flight distance to resources results in changing sex allocation decisions, Megachile rotundata. Behavioral Ecology and Sociobiology, 2016, 70, 247-253.	0.6	8
52	From parasitoid behavior to biological control: applied behavioral ecology. Canadian Entomologist, 2004, 136, 289-297.	0.4	7
53	Energy-state dependent responses of Anopheles gambiae (Diptera: Culicidae) to simulated bednet-protected hosts. Journal of Vector Ecology, 2012, 37, 172-178.	0.5	6
54	Mosquito Behaviour and Disease Control. Evolution, Medicine and Public Health, 2014, 2014, 162-162.	1.1	6

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55	Ovarian response to resource availability in female RhagoletisÂindifferens. Entomologia Experimentalis Et Applicata, 2008, 129, 26-31.	0.7	5
56	Variation in maternal solitary bee nest defence related to nest state. Apidologie, 2016, 47, 90-100.	0.9	5
57	Arthropod pest behavior and IPM. , 0, , 87-121.		3
58	A Theoretical Approach to Study the Evolution of Aggregation Behavior by Larval Codling Moth, Cydia pomonella (Lepidoptera: Tortricidae). Journal of Insect Behavior, 2011, 24, 249-263.	0.4	3
59	Impact of male alternative reproductive tactics on female costs of sexual conflict under variation in operational sex ratio and population density. Ecology and Evolution, 2018, 8, 584-591.	0.8	3
60	Parasites discover behavioral ecology: how to manage oneâ€™s host in a complex world. , 2012, , 54-70.		3
61	Energy-State Dependent Response of Anopheles gambiae to DEET-Protected, Simulated Blood-Hosts. Journal of Insect Behavior, 2015, 28, 67-76.	0.4	2
62	Insect extinction: introduction to special issue. Ecological Entomology, 2021, 46, 691-692.	1.1	2
63	Intersection between parental investment, transgenerational immunity, and termite sociality in the face of disease: a theoretical approach. Behavioral Ecology and Sociobiology, 2022, 76, 1.	0.6	2
64	State-dependent domicile leaving rates in Anopheles gambiae. Malaria Journal, 2018, 17, 25.	0.8	1
65	Insect Herbivore-Host Dynamics A. F. G. Dixon . 2005. Insect Herbivore-Host Dynamics. Cambridge University Press.vii+. 199 15.5 Ã— 23.5 cm, hardcover, US$90.00. ISBN: 0-521-80232-6.. Ecoscience, 2006, 13, 422-422.	0.6	0