

Ofer Ovadia

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,802
citations

236612

25
h-index

189595

50
g-index

86
all docs

86
docs citations

86
times ranked

3249
citing authors

#	ARTICLE	IF	CITATIONS
1	Trophic cascades: the primacy of trait-mediated indirect interactions. <i>Ecology Letters</i> , 2004, 7, 153-163.	3.0	889
2	Foraging decisions and behavioural flexibility in trap-building predators: a review. <i>Biological Reviews</i> , 2011, 86, 626-639.	4.7	139
3	Factors Influencing Site Abandonment and Site Selection in a Sit-and-Wait Predator: A Review of Pit-Building Antlion Larvae. <i>Journal of Insect Behavior</i> , 2006, 19, 197-218.	0.4	135
4	Core gut microbial communities are maintained by beneficial interactions and strain variability in fish. <i>Nature Microbiology</i> , 2019, 4, 2456-2465.	5.9	98
5	Efficiency Evaluation of Two Competing Foraging Modes under Different Conditions. <i>American Naturalist</i> , 2006, 168, 350-357.	1.0	74
6	Disrupting Mitochondrial Nuclear Coevolution Affects OXPHOS Complex I Integrity and Impacts Human Health. <i>Genome Biology and Evolution</i> , 2014, 6, 2665-2680.	1.1	68
7	Linking individuals with ecosystems: Experimentally identifying the relevant organizational scale for predicting trophic abundances. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12927-12931.	3.3	63
8	Foraging behaviour and habitat selection in pit-building antlion larvae in constant light or dark conditions. <i>Animal Behaviour</i> , 2008, 76, 2049-2057.	0.8	61
9	Plastic bet-hedging in an amphicarpic annual: an integrated strategy under variable conditions. <i>Evolutionary Ecology</i> , 2009, 23, 373-388.	0.5	58
10	The Effects of Nutrient Dynamics on Root Patch Choice. <i>PLoS ONE</i> , 2010, 5, e10824.	1.1	55
11	Weather variation and trophic interaction strength: sorting the signal from the noise. <i>Oecologia</i> , 2004, 140, 398-406.	0.9	43
12	Mitochondrial DNA HV lineage increases the susceptibility to schizophrenia among Israeli Arabs. <i>Schizophrenia Research</i> , 2007, 94, 354-358.	1.1	39
13	The effect of sand depth, feeding regime, density, and body mass on the foraging behaviour of a pit-building antlion. <i>Ecological Entomology</i> , 2009, 34, 26-33.	1.1	39
14	Jack of All Trades, Master of All: A Positive Association between Habitat Niche Breadth and Foraging Performance in Pit-Building Antlion Larvae. <i>PLoS ONE</i> , 2012, 7, e33506.	1.1	39
15	A trade-off between growth and starvation endurance in a pit-building antlion. <i>Oecologia</i> , 2009, 160, 453-460.	0.9	37
16	The interplay between foraging mode, habitat structure, and predator presence in antlions. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1185-1192.	0.6	36
17	Differences in mtDNA haplogroup distribution among 3 Jewish populations alter susceptibility to T2DM complications. <i>BMC Genomics</i> , 2008, 9, 198.	1.2	35
18	Effect of spatial pattern and microhabitat on pit construction and relocation in <i>Myrmeleon hyalinus</i> (Neuroptera: Myrmeleontidae) larvae. <i>Ecological Entomology</i> , 2008, 33, 337-345.	1.1	33

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19	Parental diabetes status reveals association of mitochondrial DNA haplogroup J1 with type 2 diabetes. BMC Medical Genetics, 2009, 10, 60.	2.1	33
20	Response of pit-building antlions to repeated unsuccessful encounters with prey. Animal Behaviour, 2010, 79, 153-158.	0.8	32
21	Selective responses of benthic foraminifera to thermal pollution. Marine Pollution Bulletin, 2016, 105, 324-336.	2.3	32
22	Epidemiological study for the assessment of health risks associated with graywater reuse for irrigation in arid regions. Science of the Total Environment, 2015, 538, 230-239.	3.9	30
23	Gene Expression Patterns of Oxidative Phosphorylation Complex I Subunits Are Organized in Clusters. PLoS ONE, 2010, 5, e9985.	1.1	30
24	The involvement of sand disturbance, cannibalism and intra-guild predation in competitive interactions among pit-building antlion larvae. Zoology, 2010, 113, 308-315.	0.6	28
25	Ashkenazi Jewish mtDNA haplogroup distribution varies among distinct subpopulations: lessons of population substructure in a closed group. European Journal of Human Genetics, 2007, 15, 498-500.	1.4	27
26	Phenotypic plasticity and variation in morphological and life-history traits of antlion adults across a climatic gradient. Zoology, 2009, 112, 139-150.	0.6	27
27	Toward a sustainable production of genetically improved all-male prawn (<i>Macrobrachium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Aquaculture, 2012, 338-341, 197-207.	1.7	25
28	Ranking Hotspots of Varying Sizes: a Lesson from the Nonlinearity of the Species-Area Relationship. Conservation Biology, 2003, 17, 1440-1441.	2.4	24
29	Individual Size Variation and Population Stability in a Seasonal Environment: A Discrete-Time Model and Its Calibration Using Grasshoppers. American Naturalist, 2007, 170, 719-733.	1.0	24
30	Consequences of food distribution for optimal searching behavior: an evolutionary model. Evolutionary Ecology, 2009, 23, 245-259.	0.5	21
31	Inter- and Intra-Specific Density-Dependent Effects on Life History and Development Strategies of Larval Mosquitoes. PLoS ONE, 2013, 8, e57875.	1.1	21
32	Small-scale spatial variability in the distribution of ectomycorrhizal fungi affects plant performance and fungal diversity. Ecology Letters, 2017, 20, 1192-1202.	3.0	21
33	Consequences of the instar stage for behavior in a pit-building antlion. Behavioural Processes, 2014, 103, 105-111.	0.5	20
34	Multi-Axis Niche Examination of Ecological Specialization: Responses to Heat, Desiccation and Starvation Stress in Two Species of Pit-Building Antlions. PLoS ONE, 2012, 7, e50884.	1.1	20
35	Foraging behavior and predation success of the sand viper (<i>Cerastes vipera</i>). Canadian Journal of Zoology, 2009, 87, 520-528.	0.4	19
36	Dangerous neighbors: interactive effects of factors influencing cannibalism in pit-building antlion larvae. Behavioral Ecology, 2014, 25, 1311-1319.	1.0	19

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37	Neo-females production and all-male progeny of a cross between two Indian strains of prawn (<i>Tj ETQq1</i>) strategies. <i>Aquaculture</i> , 2014, 428-429, 7-15.	1.7	18
38	Behavioral repeatability and personality in pit-building antlion larvae under differing environmental contexts. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1985-1993.	0.6	17
39	Wild boars as spore dispersal agents of ectomycorrhizal fungi: consequences for community composition at different habitat types. <i>Mycorrhiza</i> , 2017, 27, 165-174.	1.3	17
40	Mitochondrial DNA Variation, but Not Nuclear DNA, Sharply Divides Morphologically Identical Chameleons along an Ancient Geographic Barrier. <i>PLoS ONE</i> , 2012, 7, e31372.	1.1	17
41	Inter-specific competitors reduce inter-gender competition in Negev Desert gerbils. <i>Oecologia</i> , 2005, 142, 480-488.	0.9	16
42	Consequences of variation in male harem size to population persistence: Modeling poaching and extinction risk of Bengal tigers (<i>Panthera tigris</i>). <i>Biological Conservation</i> , 2012, 147, 22-31.	1.9	16
43	Anticipating future conditions via trajectory sensitivity. <i>Plant Signaling and Behavior</i> , 2010, 5, 1501-1503.	1.2	15
44	Slow growth improves compensation ability: examining growth rate and starvation endurance in pit-building antlions from semi-arid and hyper-arid regions. <i>Evolutionary Ecology</i> , 2013, 27, 1129-1144.	0.5	15
45	Can models of density-dependent habitat selection be applied for trap-building predators?. <i>Population Ecology</i> , 2014, 56, 175-184.	0.7	15
46	Foraging syndromes and trait variation in antlions along a climatic gradient. <i>Oecologia</i> , 2015, 178, 1093-1103.	0.9	15
47	Size-selective predation by all-male prawns: implications for sustainable biocontrol of snail invasions. <i>Biological Invasions</i> , 2018, 20, 137-149.	1.2	13
48	Direct and indirect effects of fragmentation on seed dispersal traits in a fragmented agricultural landscape. <i>Agriculture, Ecosystems and Environment</i> , 2021, 309, 107273.	2.5	13
49	The use of time and space by male and female gerbils exploiting a pulsed resource. <i>Oikos</i> , 2005, 109, 594-602.	1.2	12
50	Consequences of body size variation among herbivores on the strength of plant-herbivore interactions in a seasonal environment. <i>Ecological Modelling</i> , 2007, 206, 119-130.	1.2	12
51	Copy number variation of the SELENBP1 gene in schizophrenia. <i>Behavioral and Brain Functions</i> , 2010, 6, 40.	1.4	12
52	The advantage of alternative tactics of prey and predators depends on the spatial pattern of prey and social interactions among predators. <i>Population Ecology</i> , 2012, 54, 187-196.	0.7	12
53	Species-Specific Non-Physical Interference Competition among Mosquito Larvae. <i>PLoS ONE</i> , 2014, 9, e88650.	1.1	12
54	SCALING FROM INDIVIDUALS TO FOOD WEBS: THE ROLE OF SIZE-DEPENDENT RESPONSES OF PREY TO PREDATION RISK. <i>Israel Journal of Zoology</i> , 2004, 50, 273-297.	0.2	11

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55	Paleoecology of the K-Pg mass extinction survivor <i>Guembeltria</i> (Cushman): isotopic evidence from pristine foraminifera from Brazos River, Texas (Maastrichtian). <i>Paleobiology</i> , 2014, 40, 24-33.	1.3	10
56	An experimental design and a statistical analysis separating interference from exploitation competition. <i>Population Ecology</i> , 2008, 50, 319-324.	0.7	9
57	Examining growth rate and starvation endurance in pit-building antlions from Mediterranean and desert regions. <i>Ecological Entomology</i> , 2014, 39, 94-100.	1.1	9
58	Fire season modifies the perennial plant community composition through a differential effect on obligate seeders in eastern Mediterranean woodlands. <i>Applied Vegetation Science</i> , 2019, 22, 115-126.	0.9	9
59	Mutant <i>C. elegans</i> mitofusin leads to selective removal of mtDNA heteroplasmic deletions across generations to maintain fitness. <i>BMC Biology</i> , 2022, 20, 40.	1.7	9
60	Energy for the road: Influence of carbohydrate and water availability on fueling processes in autumn-migrating passerines. <i>Auk</i> , 2018, 135, 534-546.	0.7	8
61	Asymmetrical intra-guild predation and niche differentiation in two pit-building antlions. <i>Israel Journal of Ecology and Evolution</i> , 2019, 66, 82-90.	0.2	8
62	High resilience of the mycorrhizal community to prescribed seasonal burnings in eastern Mediterranean woodlands. <i>Mycorrhiza</i> , 2021, 31, 203-216.	1.3	8
63	The effect of steepness of temporal resource gradients on spatial root allocation. <i>Plant Signaling and Behavior</i> , 2011, 6, 1356-1360.	1.2	7
64	A stranger is tastier than a neighbor: cannibalism in Mediterranean and desert antlion populations. <i>Behavioral Ecology</i> , 2017, 28, 69-76.	1.0	6
65	Multi-scale oviposition site selection in two mosquito species. <i>Ecological Entomology</i> , 2019, 44, 347-356.	1.1	6
66	Smoke interacts with fire history to stimulate soil seed bank germination in Mediterranean woodlands. <i>Journal of Plant Ecology</i> , 2019, 12, 419-427.	1.2	6
67	Prey Encounter Rate by Predators: Discussing the Realism of Grid-Based Models and How to Model the Predator's Foraging Mode: A Reply to Avgar et al.. <i>American Naturalist</i> , 2008, 172, 596-598.	1.0	5
68	Modelling the effects of spatial heterogeneity and temporal variation in extinction probability on mosquito populations. <i>Ecological Applications</i> , 2017, 27, 2342-2358.	1.8	5
69	Female mosquitoes disperse further when they develop under predation risk. <i>Behavioral Ecology</i> , 0, , .	1.0	5
70	Kairomone-induced changes in mosquito life history: effects across a food gradient. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	5
71	Optimal stopover model: A state-dependent habitat selection model for staging passerines. <i>Journal of Animal Ecology</i> , 2021, 90, 2793-2805.	1.3	5
72	Consequences of individual size variation for survival of an insect herbivore: an analytical model and experimental field testing using the red-legged grasshopper. <i>Journal of Orthoptera Research</i> , 2008, 17, 283-291.	0.4	4

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73	Evidence for competition and cannibalism in wormlions. <i>Scientific Reports</i> , 2021, 11, 12733.	1.6	4
74	Prioritized contingencies: context-dependent regenerative effects of grazer saliva. <i>Plant Ecology</i> , 2012, 213, 167-174.	0.7	3
75	The effect of temporal variation in soil carbon inputs on interspecific plant competition. <i>Journal of Plant Ecology</i> , 2016, 9, 564-575.	1.2	3
76	Fruit consumption in migratory passerines is limited by water ingestion rather than by body water balance. <i>Journal of Avian Biology</i> , 2019, 50, .	0.6	3
77	Seasonal fires shape the germinable soil seed bank community in eastern Mediterranean woodlands. <i>Journal of Plant Ecology</i> , 2022, 15, 13-25.	1.2	3
78	A morphological and life history comparison between desert populations of a sit-and-pursue antlion, in reference to a co-occurring pit-building antlion. <i>Die Naturwissenschaften</i> , 2009, 96, 1147-1156.	0.6	2
79	Conservation genetics of a rare Gerbil species: a comparison of the population genetic structures and demographic histories of the locally rare Pygmy Gerbil and the common Anderson's Gerbil. <i>BMC Ecology</i> , 2010, 10, 15.	3.0	2
80	The effects of temporal variation in soil carbon inputs on resource allocation in an annual plant. <i>Journal of Plant Ecology</i> , 2015, , rtv033.	1.2	2
81	Effect of riparian vegetation clear-cutting on avian community in the Northern Negev. <i>Biological Conservation</i> , 2019, 236, 435-442.	1.9	2
82	The desert exploiter: An overabundant crow species exhibits a neighborhood diffusion pattern into the southern region of Israel. <i>Condor</i> , 2021, 123, .	0.7	2
83	The ability of short-term responses to predict the long-term consequences of conservation management actions: The case of the endangered <i>Paeonia mascula</i> (L.) Mill.. <i>Journal for Nature Conservation</i> , 2021, 60, 125956.	0.8	0