Ofer Ovadia

List of Publications by Year
in descending order

83 papers	2,802 citations	236925 25 h-index	189892 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. Ecology Letters, 2004, 7, 153-163.	6.4	889
2	Foraging decisions and behavioural flexibility in trapâ€building predators: a review. Biological Reviews, 2011, 86, 626-639.	10.4	139
3	Factors Influencing Site Abandonment and Site Selection in a Sit-and-Wait Predator: A Review of Pit-Building Antlion Larvae. Journal of Insect Behavior, 2006, 19, 197-218.	0.7	135
4	Core gut microbial communities are maintained by beneficial interactions and strain variability in fish. Nature Microbiology, 2019, 4, 2456-2465.	13.3	98
5	Efficiency Evaluation of Two Competing Foraging Modes under Different Conditions. American Naturalist, 2006, 168, 350-357.	2.1	74
6	Disrupting Mitochondrialâ€“Nuclear Coevolution Affects OXPHOS Complex I Integrity and Impacts Human Health. Genome Biology and Evolution, 2014, 6, 2665-2680.	2.5	68
7	Linking individuals with ecosystems: Experimentally identifying the relevant organizational scale for predicting trophic abundances. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12927-12931.	7.1	63
8	Foraging behaviour and habitat selection in pit-building antlion larvae in constant light or dark conditions. Animal Behaviour, 2008, 76, 2049-2057.	1.9	61
9	Plastic bet-hedging in an amphicarpic annual: an integrated strategy under variable conditions. Evolutionary Ecology, 2009, 23, 373-388.	1.2	58
10	The Effects of Nutrient Dynamics on Root Patch Choice. PLoS ONE, 2010, 5, e10824.	2.5	55
11	Weather variation and trophic interaction strength: sorting the signal from the noise. Oecologia, 2004, 140, 398-406.	2.0	43
12	Mitochondrial DNA HV lineage increases the susceptibility to schizophrenia among Israeli Arabs. Schizophrenia Research, 2007, 94, 354-358.	2.0	39
13	The effect of sand depth, feeding regime, density, and body mass on the foraging behaviour of a pitâ€building antlion. Ecological Entomology, 2009, 34, 26-33.	2.2	39
14	Jack of All Trades, Master of All: A Positive Association between Habitat Niche Breadth and Foraging Performance in Pit-Building Antlion Larvae. PLoS ONE, 2012, 7, e33506.	2.5	39
15	A trade-off between growth and starvation endurance in a pit-building antlion. Oecologia, 2009, 160, 453-460.	2.0	37
16	The interplay between foraging mode, habitat structure, and predator presence in antlions. Behavioral Ecology and Sociobiology, 2008, 62, 1185-1192.	1.4	36
17	Differences in mtDNA haplogroup distribution among 3 Jewish populations alter susceptibility to T2DM complications. BMC Genomics, 2008, 9, 198.	2.8	35
18	Effect of spatial pattern and microhabitat on pit construction and relocation inMyrmeleon hyalinus(Neuroptera: Myrmeleontidae) larvae. Ecological Entomology, 2008, 33, 337-345.	2.2	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.	1.9	32
21	Selective responses of benthic foraminifera to thermal pollution. Marine Pollution Bulletin, 2016, 105, 324-336.	5.0	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.	8.0	30
23	Gene Expression Patterns of Oxidative Phosphorylation Complex I Subunits Are Organized in Clusters. PLoS ONE, 2010, 5, e9985.	2.5	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.	1.2	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.	2.8	27
26	Phenotypic plasticity and variation in morphological and life-history traits of antlion adults across a climatic gradient. Zoology, 2009, 112, 139-150.	1.2	27
27	Toward a sustainable production of genetically improved all-male prawn (Macrobrachium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Aquaculture, 2012, 338-341, 197-207.	3.5	25
28	Ranking Hotspots of Varying Sizes: a Lesson from the Nonlinearity of the Species-Area Relationship. Conservation Biology, 2003, 17, 1440-1441.	4.7	24
29	Individual Size Variation and Population Stability in a Seasonal Environment: A Discreteâ€Time Model and Its Calibration Using Grasshoppers. American Naturalist, 2007, 170, 719-733.	2.1	24
30	Consequences of food distribution for optimal searching behavior: an evolutionary model. Evolutionary Ecology, 2009, 23, 245-259.	1.2	21
31	Inter- and Intra-Specific Density-Dependent Effects on Life History and Development Strategies of Larval Mosquitoes. PLoS ONE, 2013, 8, e57875.	2.5	21
32	Smallâ€scale spatial variability in the distribution of ectomycorrhizal fungi affects plant performance and fungal diversity. Ecology Letters, 2017, 20, 1192-1202.	6.4	21
33	Consequences of the instar stage for behavior in a pit-building antlion. Behavioural Processes, 2014, 103, 105-111.	1.1	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.	2.5	20
35	Foraging behavior and predation success of the sand viper (Cerastes vipera). Canadian Journal of Zoology, 2009, 87, 520-528.	1.0	19
36	Dangerous neighbors: interactive effects of factors influencing cannibalism in pit-building antlion larvae. Behavioral Ecology, 2014, 25, 1311-1319.	2.2	19

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37	Neo-females production and all-male progeny of a cross between two Indian strains of prawn () Tj ETQq1 1 0.784314 rgBT /Overlock 10 strategies. Aquaculture, 2014, 428-429, 7-15.	3.5	18
38	Behavioral repeatability and personality in pit-building antlion larvae under differing environmental contexts. Behavioral Ecology and Sociobiology, 2014, 68, 1985-1993.	1.4	17
39	Wild boars as spore dispersal agents of ectomycorrhizal fungi: consequences for community composition at different habitat types. Mycorrhiza, 2017, 27, 165-174.	2.8	17
40	Mitochondrial DNA Variation, but Not Nuclear DNA, Sharply Divides Morphologically Identical Chameleons along an Ancient Geographic Barrier. PLoS ONE, 2012, 7, e31372.	2.5	17
41	Inter-specific competitors reduce inter-gender competition in Negev Desert gerbils. Oecologia, 2005, 142, 480-488.	2.0	16
42	Consequences of variation in male harem size to population persistence: Modeling poaching and extinction risk of Bengal tigers (Panthera tigris). Biological Conservation, 2012, 147, 22-31.	4.1	16
43	Anticipating future conditions via trajectory sensitivity. Plant Signaling and Behavior, 2010, 5, 1501-1503.	2.4	15
44	Slow growth improves compensation ability: examining growth rate and starvation endurance in pit-building antlions from semi-arid and hyper-arid regions. Evolutionary Ecology, 2013, 27, 1129-1144.	1.2	15
45	Can models of densityâ€dependent habitat selection be applied for trapâ€building predators?. Population Ecology, 2014, 56, 175-184.	1.2	15
46	Foraging syndromes and trait variation in antlions along a climatic gradient. Oecologia, 2015, 178, 1093-1103.	2.0	15
47	Size-selective predation by all-male prawns: implications for sustainable biocontrol of snail invasions. Biological Invasions, 2018, 20, 137-149.	2.4	13
48	Direct and indirect effects of fragmentation on seed dispersal traits in a fragmented agricultural landscape. Agriculture, Ecosystems and Environment, 2021, 309, 107273.	5.3	13
49	The use of time and space by male and female gerbils exploiting a pulsed resource. Oikos, 2005, 109, 594-602.	2.7	12
50	Consequences of body size variation among herbivores on the strength of plantâ€“herbivore interactions in a seasonal environment. Ecological Modelling, 2007, 206, 119-130.	2.5	12
51	Copy number variation of the SELENBP1 gene in schizophrenia. Behavioral and Brain Functions, 2010, 6, 40.	3.3	12
52	The advantage of alternative tactics of prey and predators depends on the spatial pattern of prey and social interactions among predators. Population Ecology, 2012, 54, 187-196.	1.2	12
53	Species-Specific Non-Physical Interference Competition among Mosquito Larvae. PLoS ONE, 2014, 9, e88650.	2.5	12
54	SCALING FROM INDIVIDUALS TO FOOD WEBS: THE ROLE OF SIZE-DEPENDENT RESPONSES OF PREY TO PREDATION RISK. Israel Journal of Zoology, 2004, 50, 273-297.	0.2	11

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55	Paleoecology of the K-Pg mass extinction survivor Guembelitria (Cushman): isotopic evidence from pristine foraminifera from Brazos River, Texas (Maastrichtian). Paleobiology, 2014, 40, 24-33.	2.0	10
56	An experimental design and a statistical analysis separating interference from exploitation competition. Population Ecology, 2008, 50, 319-324.	1.2	9
57	Examining growth rate and starvation endurance in pitâ€building antlions from <scp>M</scp>editerranean and desert regions. Ecological Entomology, 2014, 39, 94-100.	2.2	9
58	Fire season modifies the perennial plant community composition through a differential effect on obligate seeders in eastern Mediterranean woodlands. Applied Vegetation Science, 2019, 22, 115-126.	1.9	9
59	Mutant C. elegans mitofusin leads to selective removal of mtDNA heteroplasmic deletions across generations to maintain fitness. BMC Biology, 2022, 20, 40.	3.8	9
60	Energy for the road: Influence of carbohydrate and water availability on fueling processes in autumn-migrating passerines. Auk, 2018, 135, 534-546.	1.4	8
61	Asymmetrical intra-guild predation and niche differentiation in two pit-building antlions. Israel Journal of Ecology and Evolution, 2019, 66, 82-90.	0.6	8
62	High resilience of the mycorrhizal community to prescribed seasonal burnings in eastern Mediterranean woodlands. Mycorrhiza, 2021, 31, 203-216.	2.8	8
63	The effect of steepness of temporal resource gradients on spatial root allocation. Plant Signaling and Behavior, 2011, 6, 1356-1360.	2.4	7
64	A stranger is tastier than a neighbor: cannibalism in Mediterranean and desert antlion populations. Behavioral Ecology, 2017, 28, 69-76.	2.2	6
65	Multiâ€scale oviposition site selection in two mosquito species. Ecological Entomology, 2019, 44, 347-356.	2.2	6
66	Smoke interacts with fire history to stimulate soil seed bank germination in Mediterranean woodlands. Journal of Plant Ecology, 2019, 12, 419-427.	2.3	6
67	Prey Encounter Rate by Predators: Discussing the Realism of Gridâ€Based Models and How to Model the Predatorâ€™s Foraging Mode: A Reply to Avgar et al.. American Naturalist, 2008, 172, 596-598.	2.1	5
68	Modelling the effects of spatial heterogeneity and temporal variation in extinction probability on mosquito populations. Ecological Applications, 2017, 27, 2342-2358.	3.8	5
69	Female mosquitoes disperse further when they develop under predation risk. Behavioral Ecology, 0, , .	2.2	5
70	Kairomone-induced changes in mosquito life history: effects across a food gradient. Aquatic Sciences, 2019, 81, 1.	1.5	5
71	Optimal stopover model: A stateâ€dependent habitat selection model for staging passerines. Journal of Animal Ecology, 2021, 90, 2793-2805.	2.8	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. Journal of Orthoptera Research, 2008, 17, 283-291.	1.0	4

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73	Evidence for competition and cannibalism in wormlions. Scientific Reports, 2021, 11, 12733.	3.3	4
74	Prioritized contingencies: context-dependent regeneratory effects of grazer saliva. Plant Ecology, 2012, 213, 167-174.	1.6	3
75	The effect of temporal variation in soil carbon inputs on interspecific plant competition. Journal of Plant Ecology, 2016, 9, 564-575.	2.3	3
76	Fruit consumption in migratory passerines is limited by water ingestion rather than by body water balance. Journal of Avian Biology, 2019, 50, .	1.2	3
77	Seasonal fires shape the germinable soil seed bank community in eastern Mediterranean woodlands. Journal of Plant Ecology, 2022, 15, 13-25.	2.3	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. Die Naturwissenschaften, 2009, 96, 1147-1156.	1.6	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. BMC Ecology, 2010, 10, 15.	3.0	2
80	The effects of temporal variation in soil carbon inputs on resource allocation in an annual plant. Journal of Plant Ecology, 2015, , rtv033.	2.3	2
81	Effect of riparian vegetation clear-cutting on avian community in the Northern Negev. Biological Conservation, 2019, 236, 435-442.	4.1	2
82	The desert exploiter: An overabundant crow species exhibits a neighborhood diffusion pattern into the southern region of Israel. Condor, 2021, 123, .	1.6	2
83	The ability of short-term responses to predict the long-term consequences of conservation management actions: The case of the endangered Paeonia mascula (L.) Mill.. Journal for Nature Conservation, 2021, 60, 125956.	1.8	0