

Ofer Ovadia

List of Publications by Year in descending order

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Version: 2024-02-01

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	Seasonal fires shape the germinable soil seed bank community in eastern Mediterranean woodlands. <i>Journal of Plant Ecology</i> , 2022, 15, 13-25.	2.3	3
2	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.	3.8	9
3	High resilience of the mycorrhizal community to prescribed seasonal burnings in eastern Mediterranean woodlands. <i>Mycorrhiza</i> , 2021, 31, 203-216.	2.8	8
4	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.	1.8	0
5	Direct and indirect effects of fragmentation on seed dispersal traits in a fragmented agricultural landscape. <i>Agriculture, Ecosystems and Environment</i> , 2021, 309, 107273.	5.3	13
6	The desert exploiter: An overabundant crow species exhibits a neighborhood diffusion pattern into the southern region of Israel. <i>Condor</i> , 2021, 123, .	1.6	2
7	Evidence for competition and cannibalism in wormlions. <i>Scientific Reports</i> , 2021, 11, 12733.	3.3	4
8	Optimal stopover model: A state-dependent habitat selection model for staging passerines. <i>Journal of Animal Ecology</i> , 2021, 90, 2793-2805.	2.8	5
9	Kairomone-induced changes in mosquito life history: effects across a food gradient. <i>Aquatic Sciences</i> , 2019, 81, 1.	1.5	5
10	Core gut microbial communities are maintained by beneficial interactions and strain variability in fish. <i>Nature Microbiology</i> , 2019, 4, 2456-2465.	13.3	98
11	Effect of riparian vegetation clear-cutting on avian community in the Northern Negev. <i>Biological Conservation</i> , 2019, 236, 435-442.	4.1	2
12	Fruit consumption in migratory passerines is limited by water ingestion rather than by body water balance. <i>Journal of Avian Biology</i> , 2019, 50, .	1.2	3
13	Asymmetrical intra-guild predation and niche differentiation in two pit-building antlions. <i>Israel Journal of Ecology and Evolution</i> , 2019, 66, 82-90.	0.6	8
14	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.	1.9	9
15	Multi-scale oviposition site selection in two mosquito species. <i>Ecological Entomology</i> , 2019, 44, 347-356.	2.2	6
16	Smoke interacts with fire history to stimulate soil seed bank germination in Mediterranean woodlands. <i>Journal of Plant Ecology</i> , 2019, 12, 419-427.	2.3	6
17	Size-selective predation by all-male prawns: implications for sustainable biocontrol of snail invasions. <i>Biological Invasions</i> , 2018, 20, 137-149.	2.4	13
18	Energy for the road: Influence of carbohydrate and water availability on fueling processes in autumn-migrating passerines. <i>Auk</i> , 2018, 135, 534-546.	1.4	8

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19	Modelling the effects of spatial heterogeneity and temporal variation in extinction probability on mosquito populations. <i>Ecological Applications</i> , 2017, 27, 2342-2358.	3.8	5
20	Small-scale spatial variability in the distribution of ectomycorrhizal fungi affects plant performance and fungal diversity. <i>Ecology Letters</i> , 2017, 20, 1192-1202.	6.4	21
21	Wild boars as spore dispersal agents of ectomycorrhizal fungi: consequences for community composition at different habitat types. <i>Mycorrhiza</i> , 2017, 27, 165-174.	2.8	17
22	A stranger is tastier than a neighbor: cannibalism in Mediterranean and desert antlion populations. <i>Behavioral Ecology</i> , 2017, 28, 69-76.	2.2	6
23	Selective responses of benthic foraminifera to thermal pollution. <i>Marine Pollution Bulletin</i> , 2016, 105, 324-336.	5.0	32
24	The effect of temporal variation in soil carbon inputs on interspecific plant competition. <i>Journal of Plant Ecology</i> , 2016, 9, 564-575.	2.3	3
25	The effects of temporal variation in soil carbon inputs on resource allocation in an annual plant. <i>Journal of Plant Ecology</i> , 2015, , rtv033.	2.3	2
26	Foraging syndromes and trait variation in antlions along a climatic gradient. <i>Oecologia</i> , 2015, 178, 1093-1103.	2.0	15
27	Epidemiological study for the assessment of health risks associated with graywater reuse for irrigation in arid regions. <i>Science of the Total Environment</i> , 2015, 538, 230-239.	8.0	30
28	Species-Specific Non-Physical Interference Competition among Mosquito Larvae. <i>PLoS ONE</i> , 2014, 9, e88650.	2.5	12
29	Dangerous neighbors: interactive effects of factors influencing cannibalism in pit-building antlion larvae. <i>Behavioral Ecology</i> , 2014, 25, 1311-1319.	2.2	19
30	Examining growth rate and starvation endurance in pit-building antlions from Mediterranean and desert regions. <i>Ecological Entomology</i> , 2014, 39, 94-100.	2.2	9
31	Consequences of the instar stage for behavior in a pit-building antlion. <i>Behavioural Processes</i> , 2014, 103, 105-111.	1.1	20
32	Can models of density-dependent habitat selection be applied for trap-building predators?. <i>Population Ecology</i> , 2014, 56, 175-184.	1.2	15
33	Neo-females production and all-male progeny of a cross between two Indian strains of prawn (<i>Tilapia</i>) strategies. <i>Aquaculture</i> , 2014, 428-429, 7-15.	3.5	18
34	Behavioral repeatability and personality in pit-building antlion larvae under differing environmental contexts. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1985-1993.	1.4	17
35	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.	2.0	10
36	Disrupting Mitochondrial-Nuclear Coevolution Affects OXPHOS Complex I Integrity and Impacts Human Health. <i>Genome Biology and Evolution</i> , 2014, 6, 2665-2680.	2.5	68

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37	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.	1.2	15
38	Inter- and Intra-Specific Density-Dependent Effects on Life History and Development Strategies of Larval Mosquitoes. <i>PLoS ONE</i> , 2013, 8, e57875.	2.5	21
39	Toward a sustainable production of genetically improved all-male prawn (<i>Macrobrachium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 <i>Aquaculture</i> , 2012, 338-341, 197-207.	3.5	25
40	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.	4.1	16
41	Prioritized contingencies: context-dependent regenerative effects of grazer saliva. <i>Plant Ecology</i> , 2012, 213, 167-174.	1.6	3
42	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.	1.2	12
43	Mitochondrial DNA Variation, but Not Nuclear DNA, Sharply Divides Morphologically Identical Chameleons along an Ancient Geographic Barrier. <i>PLoS ONE</i> , 2012, 7, e31372.	2.5	17
44	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.	2.5	39
45	Multi-Axis Niche Examination of Ecological Specialization: Responses to Heat, Desiccation and Starvation Stress in Two Species of Pit-Building Antlions. <i>PLoS ONE</i> , 2012, 7, e50884.	2.5	20
46	Foraging decisions and behavioural flexibility in trap-building predators: a review. <i>Biological Reviews</i> , 2011, 86, 626-639.	10.4	139
47	The effect of steepness of temporal resource gradients on spatial root allocation. <i>Plant Signaling and Behavior</i> , 2011, 6, 1356-1360.	2.4	7
48	Response of pit-building antlions to repeated unsuccessful encounters with prey. <i>Animal Behaviour</i> , 2010, 79, 153-158.	1.9	32
49	The involvement of sand disturbance, cannibalism and intra-guild predation in competitive interactions among pit-building antlion larvae. <i>Zoology</i> , 2010, 113, 308-315.	1.2	28
50	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
51	Anticipating future conditions via trajectory sensitivity. <i>Plant Signaling and Behavior</i> , 2010, 5, 1501-1503.	2.4	15
52	Copy number variation of the SELENBP1 gene in schizophrenia. <i>Behavioral and Brain Functions</i> , 2010, 6, 40.	3.3	12
53	Gene Expression Patterns of Oxidative Phosphorylation Complex I Subunits Are Organized in Clusters. <i>PLoS ONE</i> , 2010, 5, e9985.	2.5	30
54	The Effects of Nutrient Dynamics on Root Patch Choice. <i>PLoS ONE</i> , 2010, 5, e10824.	2.5	55

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55	A trade-off between growth and starvation endurance in a pit-building antlion. <i>Oecologia</i> , 2009, 160, 453-460.	2.0	37
56	Consequences of food distribution for optimal searching behavior: an evolutionary model. <i>Evolutionary Ecology</i> , 2009, 23, 245-259.	1.2	21
57	Plastic bet-hedging in an amphicarpic annual: an integrated strategy under variable conditions. <i>Evolutionary Ecology</i> , 2009, 23, 373-388.	1.2	58
58	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.	1.6	2
59	Parental diabetes status reveals association of mitochondrial DNA haplogroup J1 with type 2 diabetes. <i>BMC Medical Genetics</i> , 2009, 10, 60.	2.1	33
60	Phenotypic plasticity and variation in morphological and life-history traits of antlion adults across a climatic gradient. <i>Zoology</i> , 2009, 112, 139-150.	1.2	27
61	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.	2.2	39
62	Foraging behavior and predation success of the sand viper (<i>Cerastes vipera</i>). <i>Canadian Journal of Zoology</i> , 2009, 87, 520-528.	1.0	19
63	The interplay between foraging mode, habitat structure, and predator presence in antlions. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1185-1192.	1.4	36
64	An experimental design and a statistical analysis separating interference from exploitation competition. <i>Population Ecology</i> , 2008, 50, 319-324.	1.2	9
65	Differences in mtDNA haplogroup distribution among 3 Jewish populations alter susceptibility to T2DM complications. <i>BMC Genomics</i> , 2008, 9, 198.	2.8	35
66	Foraging behaviour and habitat selection in pit-building antlion larvae in constant light or dark conditions. <i>Animal Behaviour</i> , 2008, 76, 2049-2057.	1.9	61
67	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.	2.2	33
68	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.	1.0	4
69	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.	2.1	5
70	Individual Size Variation and Population Stability in a Seasonal Environment: A Discrete-Time Model and Its Calibration Using Grasshoppers. <i>American Naturalist</i> , 2007, 170, 719-733.	2.1	24
71	Mitochondrial DNA HV lineage increases the susceptibility to schizophrenia among Israeli Arabs. <i>Schizophrenia Research</i> , 2007, 94, 354-358.	2.0	39
72	Ashkenazi Jewish mtDNA haplogroup distribution varies among distinct subpopulations: lessons of population substructure in a closed group. <i>European Journal of Human Genetics</i> , 2007, 15, 498-500.	2.8	27

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73	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.	2.5	12
74	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.	0.7	135
75	Efficiency Evaluation of Two Competing Foraging Modes under Different Conditions. <i>American Naturalist</i> , 2006, 168, 350-357.	2.1	74
76	The use of time and space by male and female gerbils exploiting a pulsed resource. <i>Oikos</i> , 2005, 109, 594-602.	2.7	12
77	Inter-specific competitors reduce inter-gender competition in Negev Desert gerbils. <i>Oecologia</i> , 2005, 142, 480-488.	2.0	16
78	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
79	Trophic cascades: the primacy of trait-mediated indirect interactions. <i>Ecology Letters</i> , 2004, 7, 153-163.	6.4	889
80	Weather variation and trophic interaction strength: sorting the signal from the noise. <i>Oecologia</i> , 2004, 140, 398-406.	2.0	43
81	Ranking Hotspots of Varying Sizes: a Lesson from the Nonlinearity of the Species-Area Relationship. <i>Conservation Biology</i> , 2003, 17, 1440-1441.	4.7	24
82	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.	7.1	63
83	Female mosquitoes disperse further when they develop under predation risk. <i>Behavioral Ecology</i> , 0, , .	2.2	5