

Eran Gefen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2545502/publications.pdf>

Version: 2024-02-01

21
papers

187
citations

1162367

8
h-index

1199166

12
g-index

23
all docs

23
docs citations

23
times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal dynamics and genome-wide association analysis of desiccation tolerance in <i>Drosophila melanogaster</i> . <i>Molecular Ecology</i> , 2018, 27, 3525-3540.	2.0	33
2	The Relative Importance of Respiratory Water Loss in Scorpions Is Correlated with Species Habitat Type and Activity Pattern. <i>Physiological and Biochemical Zoology</i> , 2011, 84, 68-76.	0.6	22
3	Scorpion speciation in the Holy Land: Multilocus phylogeography corroborates diagnostic differences in morphology and burrowing behavior among <i>Scorpio</i> subspecies and justifies recognition as phylogenetic, ecological and biological species. <i>Molecular Phylogenetics and Evolution</i> , 2015, 91, 226-237.	1.2	18
4	The effect of discontinuous gas exchange on respiratory water loss in grasshoppers (Orthoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	15
5	The Effect of Density-Dependent Phase on the Locust Gut Bacterial Composition. <i>Frontiers in Microbiology</i> , 2018, 9, 3020.	1.5	15
6	Locust Bacterial Symbionts: An Update. <i>Insects</i> , 2020, 11, 655.	1.0	15
7	Oxygen diffusion limitation triggers ventilatory movements during spiracle closure when insects breathe discontinuously. <i>Journal of Experimental Biology</i> , 2014, 217, 2229-31.	0.8	10
8	Red foliage color reliably indicates low host quality and increased metabolic load for development of an herbivorous insect. <i>Arthropod-Plant Interactions</i> , 2014, 8, 285.	0.5	9
9	Discontinuous gas-exchange cycle characteristics are differentially affected by hydration state and energy metabolism in gregarious and solitary desert locusts. <i>Journal of Experimental Biology</i> , 2015, 218, 3807-15.	0.8	6
10	An experimental evolution study confirms that discontinuous gas exchange does not contribute to body water conservation in locusts. <i>Biology Letters</i> , 2016, 12, 20160807.	1.0	6
11	Dynamics of bacterial composition in the locust reproductive tract are affected by the density-dependent phase. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	6
12	Dated phylogeny and ancestral range estimation of sand scorpions (Buthidae: Buthacus) reveal Early Miocene divergence across land bridges connecting Africa and Asia. <i>Molecular Phylogenetics and Evolution</i> , 2021, 164, 107212.	1.2	5
13	Intricate but tight coupling of spiracular activity and abdominal ventilation during locust discontinuous gas exchange cycles. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	4
14	Conserved ecophysiology despite disparate microclimatic conditions in a gecko. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2022, 337, 316-328.	0.9	4
15	Post-feeding thermophily in a scorpion is associated with rapid digestion and recovery of maximal nocturnal activity. <i>Journal of Insect Physiology</i> , 2021, 129, 104155.	0.9	3
16	The maternal foam plug constitutes a reservoir for the desert locust's bacterial symbionts. <i>Environmental Microbiology</i> , 2021, 23, 2461-2472.	1.8	3
17	Microbiome-related aspects of locust density-dependent phase transition. <i>Environmental Microbiology</i> , 2022, 24, 507-516.	1.8	3
18	Respiratory gas levels interact to control ventilatory motor patterns in isolated locust ganglia. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	2

#	ARTICLE	IF	CITATIONS
19	Critical P2 and insect flight: The role of tracheal volume in the Oogenesis-Flight Syndrome. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 254, 110873.	0.8	2
20	From chemoreception to regulation: filling the gaps in understanding how insects control gas exchange. Current Opinion in Insect Science, 2021, 48, 26-31.	2.2	1
21	Interspecific Variation in Oxygen Binding Properties of Scorpion Hemocyanin. FASEB Journal, 2022, 36, .	0.2	0