

# Anat Levi-Zada

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1893305/publications.pdf>

Version: 2024-02-01

28  
papers

460  
citations

623734

14  
h-index

713466

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex pheromone of the vine mealybug, <i>Planococcus ficus</i> in Israel: occurrence of a second component in a mass-reared population. <i>Journal of Chemical Ecology</i> , 2003, 29, 977-988.	1.8	49
2	Sex pheromone component ratios and mating isolation among three <i>Lygus</i> plant bug species of North America. <i>Die Naturwissenschaften</i> , 2013, 100, 1115-1123.	1.6	37
3	Analyzing Diurnal and Age-Related Pheromone Emission of the Olive Fruit Fly, <i>Bactrocera oleae</i> by Sequential SPME-GCMS Analysis. <i>Journal of Chemical Ecology</i> , 2012, 38, 1036-1041.	1.8	32
4	Enzymatic transesterification of racemic lavandulol: preparation of the two enantiomeric alcohols and of the two enantiomers of lavandulyl senecioate. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2339-2343.	1.8	27
5	Identification of the sex pheromone of the lesser date moth, <i>Batrachedra amydraula</i> , using sequential SPME auto-sampling. <i>Tetrahedron Letters</i> , 2011, 52, 4550-4553.	1.4	26
6	Vine mealybug sex pheromone increases citrus mealybug parasitism by <i>Anagyrus</i> sp. near <i>pseudococci</i> (Girault). <i>Biological Control</i> , 2011, 58, 230-238.	3.0	25
7	Synthesis and Biological Activity of the Four Stereoisomers of 4-Methyl-3-Heptanol: Main Component of the Aggregation Pheromone of <i>Scolytus amygdali</i> . <i>Journal of Chemical Ecology</i> , 2004, 30, 631-641.	1.8	22
8	Development of sol-gel formulations for slow release of pheromones. <i>Chemoecology</i> , 2009, 19, 37-45.	1.1	21
9	Quantitative GC analysis of secondary alcohol pheromones: determination of release rate of red palm weevil, <i>Rhynchophorus ferrugineus</i> , pheromone from lures. <i>Journal of Chemical Ecology</i> , 2002, 28, 2299-2306.	1.8	20
10	Circadian rhythms of insect pheromone titer, calling, emission, and response: a review. <i>Die Naturwissenschaften</i> , 2021, 108, 35.	1.6	20
11	Circadian Release of Male-Specific Components of the Greater Date Moth, <i>Aphomia (Arenipses) Sabella</i> , Using Sequential SPME/GC/MS Analysis. <i>Journal of Chemical Ecology</i> , 2014, 40, 236-243.	1.8	19
12	Diel periodicity of pheromone release by females of <i>Planococcus citri</i> and <i>Planococcus ficus</i> and the temporal flight activity of their conspecific males. <i>Die Naturwissenschaften</i> , 2014, 101, 671-678.	1.6	18
13	Inhibitory Effects of Semiochemicals on the Attraction of an Ambrosia Beetle <i>Euwallacea nr. fornicatus</i> to <i>Quercivorol</i> . <i>Journal of Chemical Ecology</i> , 2018, 44, 565-575.	1.8	17
14	Reevaluation of the sex pheromone of the lesser date moth, <i>Batrachedra amydraula</i> , using autosampling SPME-GC/MS and field bioassays. <i>Chemoecology</i> , 2013, 23, 13-20.	1.1	16
15	Male behaviors reveal multiple phenotypes within vine mealybug <i>Planococcus ficus</i> (Signoret) (Hemiptera; Pseudococcidae) populations. <i>Die Naturwissenschaften</i> , 2010, 97, 1047-1057.	1.6	15
16	Preparation of catalytic deep eutectic solvent-based silica microreactors using a non-aqueous sol-gel route. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2242-2252.	10.3	14
17	Identification of the Sex Pheromone of the Spherical Mealybug <i>Nipaecoccus viridis</i> . <i>Journal of Chemical Ecology</i> , 2019, 45, 455-463.	1.8	13
18	Semiochemicals Affecting Attraction of Ambrosia Beetle <i>Euwallacea fornicatus</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 To <i>Entomology</i> , 2020, 113, 2120-2127.	1.8	11

#	ARTICLE	IF	CITATIONS
19	An insect anti-antiaphrodisiac. <i>ELife</i> , 2017, 6, .	6.0	11
20	Diel rhythm of volatile emissions of males and females of the peach fruit fly <i>Bactrocera zonata</i> . <i>Journal of Insect Physiology</i> , 2020, 120, 103970.	2.0	10
21	Responses of Second-Instar Male Nymphs of Four Mealybug Species (Hemiptera: Pseudococcidae) to Conspecific and Heterospecific Female Sex Pheromones. <i>Journal of Insect Behavior</i> , 2012, 25, 504-513.	0.7	9
22	Evaluation of pheromone of false codling moth <i>Thaumatotibia leucotreta</i> in Israel by sequential SPME/GCMS analysis and field trials. <i>Journal of Pest Science</i> , 2020, 93, 519-529.	3.7	9
23	Individual variation of (S)-4-methyl-3-heptanone in heads of braconid wasp, <i>Leiophron uniformis</i> , and <i>Pogonomyrmex</i> ants indicates costs of semiochemical production. <i>Chemoecology</i> , 2011, 21, 35-44.	1.1	6
24	Identification and field bioassays of the sex pheromone of the yellow-legged clearwing <i>Synanthedon vespiformis</i> (Lepidoptera: Sesiidae). <i>Chemoecology</i> , 2011, 21, 227-233.	1.1	5
25	Index of host habitat preference explored by movement-based simulations and trap captures. <i>Journal of Animal Ecology</i> , 2018, 87, 1320-1330.	2.8	3
26	Modelling push-pull management of pest insects using repellents and attractive traps in fruit tree orchards. <i>Pest Management Science</i> , 2022, 78, 3630-3637.	3.4	3
27	Absolute Configuration of the Spherical Mealybug <i>Nipaecoccus viridis</i> Sex Pheromone, $\beta^3$ -Necrotyl Isobutyrate: Chemoenzymatic Synthesis and Bioassays. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3026-3031.	5.2	2
28	Pheromone Research and Development in Israel 1975-2015. <i>Phytoparasitica</i> , 2017, 45, 619-637.	1.2	0