

# Amots Dafni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7104886/publications.pdf>

Version: 2024-02-01

70  
papers

4,344  
citations

109321

35  
h-index

110387

64  
g-index

71  
all docs

71  
docs citations

71  
times ranked

4108  
citing authors

#	ARTICLE	IF	CITATIONS
1	LINKING BEES AND FLOWERS: HOW DO FLORAL COMMUNITIES STRUCTURE POLLINATOR COMMUNITIES?. Ecology, 2003, 84, 2628-2642.	3.2	550
2	Role of nesting resources in organising diverse bee communities in a Mediterranean landscape. Ecological Entomology, 2005, 30, 78-85.	2.2	395
3	A framework for comparing pollinator performance: effectiveness and efficiency. Biological Reviews, 2010, 85, 435-451.	10.4	258
4	Plants used for the treatment of diabetes in Israel. Journal of Ethnopharmacology, 1987, 19, 145-151.	4.1	210
5	Response of plant-pollinator communities to fire: changes in diversity, abundance and floral reward structure. Oikos, 2003, 101, 103-112.	2.7	201
6	A new procedure to asses pollen viability. Sexual Plant Reproduction, 2000, 12, 241-244.	2.2	195
7	Plant coloration undermines herbivorous insect camouflage. BioEssays, 2004, 26, 1126-1130.	2.5	170
8	A Deceptive Pollination System Targeting Drosophilids through Olfactory Mimicry of Yeast. Current Biology, 2010, 20, 1846-1852.	3.9	165
9	Ethnobotanical survey of medicinal plants in northern Israel. Journal of Ethnopharmacology, 1984, 10, 295-310.	4.1	109
10	<i>Bombus terrestris</i> , pollinator, invasive and pest: An assessment of problems associated with its widespread introductions for commercial purposes. Applied Entomology and Zoology, 2010, 45, 101-113.	1.2	98
11	Floral Symmetry and Its Role in Plant-Pollinator Systems. International Journal of Plant Sciences, 1999, 160, S41-S50.	1.3	97
12	Why does the flower stalk of <i>Pulsatilla cernua</i> (Ranunculaceae) bend during anthesis?. American Journal of Botany, 2002, 89, 1599-1603.	1.7	80
13	Variations in habitat, season, flower traits and pollinators in dimorphic <i>Narcissus tazetta</i> L. (Amaryllidaceae) in Israel. New Phytologist, 1995, 129, 135-145.	7.3	78
14	Pollination of a core flowering shrub species in Mediterranean phrygana: variation in pollinator diversity, abundance and effectiveness in response to fire. Oikos, 2001, 92, 71-80.	2.7	70
15	BIODIVERSITY AND INTERSLOPE DIVERGENCE OF VASCULAR PLANTS CAUSED BY MICROCLIMATIC DIFFERENCES AT "EVOLUTION CANYON", LOWER NAHAL OREN, MOUNT CARMEL, ISRAEL. Israel Journal of Plant Sciences, 1999, 47, 49-59.	0.5	67
16	Nectar resource diversity organises flower-visitor community structure. Entomologia Experimentalis Et Applicata, 2004, 113, 103-107.	1.4	64
17	Leafless autumnal-flowering geophytes in the Mediterranean region ? phytogeographical, ecological and evolutionary aspects. Plant Systematics and Evolution, 1981, 137, 181-193.	0.9	63
18	Smells like aphids: orchid flowers mimic aphid alarm pheromones to attract hoverflies for pollination. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1216-1222.	2.6	63

#	ARTICLE	IF	CITATIONS
19	POLLINATION OF SERAPIAS VOMERACEA BRIQ. (ORCHIDACEAE) BY IMITATION OF HOLES FOR SLEEPING SOLITARY MALE BEES (HYMENOPTERA). Acta Botanica Neerlandica, 1981, 30, 69-73.	0.9	62
20	Convergent evolution: floral guides, stingless bee nest entrances, and insectivorous pitchers. Die Naturwissenschaften, 2005, 92, 444-450.	1.6	58
21	Pollination Syndromes in Mediterranean Orchidsâ€™ Implications for Speciation, Taxonomy and Conservation. Botanical Review, The, 2010, 76, 220-240.	3.9	54
22	Floral symmetry and nectar guides: ontogenetic constraints from floral development, colour pattern rules and functional significance. Botanical Journal of the Linnean Society, 1996, 120, 371-377.	1.6	52
23	The ethnobotany of Christ's Thorn Jujube ( <i>Ziziphus spina-christi</i> ) in Israel. Journal of Ethnobiology and Ethnomedicine, 2005, 1, 8.	2.6	52
24	Competition between honeybees (&lt;i>Apis mellifera&lt;/i>) and native solitary bees in the Mediterranean region of Israelâ€™ Implications for conservation. Israel Journal of Plant Sciences, 2009, 57, 171-183.	0.5	52
25	The flower biology of <i>Cephalanthera longifolia</i> (Orchidaceae)?pollen imitation and facultative floral mimicry. Plant Systematics and Evolution, 1981, 137, 229-240.	0.9	51
26	FLOWER SIZE AND SHAPE: IMPLICATIONS IN POLLINATION. Israel Journal of Plant Sciences, 1997, 45, 201-211.	0.5	48
27	Wind-Dragged Corolla Enhances Self-Pollination: A New Mechanism of Delayed Self-Pollination. Annals of Botany, 2007, 100, 1155-1164.	2.9	47
28	Mammalian herbivore breath alerts aphids to flee host plant. Current Biology, 2010, 20, R628-R629.	3.9	47
29	Speciation processes in Eastern Mediterranean Orchis s.l. species: Molecular evidence and the role of pollination biology. Israel Journal of Plant Sciences, 2001, 49, 91-103.	0.5	45
30	THE POLLINATION ECOLOGY OF EPIPACTIS CONSIMILIS DON (ORCHIDACEAE) IN ISRAEL. New Phytologist, 1977, 79, 173-177.	7.3	43
31	Colour patterns in vegetative parts of plants deserve more research attention. Trends in Plant Science, 2002, 7, 59-60.	8.8	43
32	The threat of <i>Bombus terrestris</i> spread. Bee World, 1998, 79, 113-114.	0.8	42
33	On the typology and the worship status of sacred trees with a special reference to the Middle East. Journal of Ethnobiology and Ethnomedicine, 2006, 2, 26.	2.6	41
34	Medicinal plants of the Bibleâ€™ revisited. Journal of Ethnobiology and Ethnomedicine, 2019, 15, 57.	2.6	39
35	A pollinators' eye view of a shelter mimicry system. Annals of Botany, 2013, 111, 1155-1165.	2.9	38
36	Delayed Selfing in an Alpine Biennial <i>Gentianopsis paludosa</i> (Gentianaceae) in the Qinghaiâ€™ Tibetan Plateau. Journal of Integrative Plant Biology, 2010, 52, 593-599.	8.5	37

#	ARTICLE	IF	CITATIONS
37	The endangered <i>Iris atropurpurea</i> (Iridaceae) in Israel: honey-bees, night-sheltering male bees and female solitary bees as pollinators. <i>Annals of Botany</i> , 2013, 111, 395-407.	2.9	36
38	The pollination of a self-incompatible, food-mimic orchid, <i>Coelogyne fimbriata</i> (Orchidaceae), by female <i>Vespa</i> wasps. <i>Annals of Botany</i> , 2009, 104, 565-571.	2.9	35
39	Pollen-“Stigma Interference in Two Gynodioecious Species of Lamiaceae with Intermediate Individuals. <i>Annals of Botany</i> , 2007, 100, 423-431.	2.9	29
40	Adventive flora of Israel – Phytogeographical, ecological and agricultural aspects. <i>Plant Systematics and Evolution</i> , 1982, 140, 1-18.	0.9	28
41	Rituals, ceremonies and customs related to sacred trees with a special reference to the Middle East. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2007, 3, 28.	2.6	28
42	Ritual plants of Muslim graveyards in northern Israel. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2006, 2, 38.	2.6	27
43	Avoiding incidental predation by mammalian herbivores: accurate detection and efficient response in aphids. <i>Die Naturwissenschaften</i> , 2011, 98, 731-738.	1.6	26
44	Evolution, pollination, and systematics of the tribe Neottieae (Orchidaceae). <i>Plant Systematics and Evolution</i> , 1987, 156, 91-115.	0.9	25
45	The threat posed by alien weeds in Israel. <i>Weed Research</i> , 1980, 20, 277-283.	1.7	24
46	Red anemone guild flowers as focal places for mating and feeding by Levant glaphyrid beetles. <i>Biological Journal of the Linnean Society</i> , 0, 99, 808-817.	1.6	23
47	POLLINATION ECOLOGY OF STERNBERGIA CLUSIANA (KER-GAWLER) SPRENG. (AMARYLLIDACEAE). <i>New Phytologist</i> , 1982, 91, 571-577.	7.3	22
48	Buzz-pollination in three nectariferous Boraginaceae and possible evolution of buzz-pollinated flowers. <i>Plant Systematics and Evolution</i> , 1990, 169, 65-68.	0.9	22
49	FIRE, BEES, AND SEED PRODUCTION IN A MEDITERRANEAN KEY SPECIES SALVIA FRUTICOSA MILLER (LAMIACEAE). <i>Israel Journal of Plant Sciences</i> , 1999, 47, 157-163.	0.5	21
50	The Doctrine of Signatures in Present-Day Israel <sup>1</sup> . <i>Economic Botany</i> , 2002, 56, 328-334.	1.7	20
51	Myrtle, Basil, Rosemary, and Three-Lobed Sage as Ritual Plants in the Monotheistic Religions: an Historical “Ethnobotanical Comparison. <i>Economic Botany</i> , 2020, 74, 330-355.	1.7	19
52	Young Aphids Avoid Erroneous Dropping when Evading Mammalian Herbivores by Combining Input from Two Sensory Modalities. <i>PLoS ONE</i> , 2012, 7, e32706.	2.5	18
53	THE RESPONSE OF AMPHICOMA SPP. (COLEOPTERA; GLAPHYRIDAE) BEETLES TO RED MODELS DIFFERING IN AREA, SHAPE, AND SYMMETRY. <i>Israel Journal of Plant Sciences</i> , 1997, 45, 247-254.	0.5	17
54	Why Are Rags Tied To the Sacred Trees of the Holy Land? <sup>1</sup> . <i>Economic Botany</i> , 2002, 56, 315-327.	1.7	16

#	ARTICLE	IF	CITATIONS
55	Movement patterns of solitary bees in a threatened fragmented habitat. <i>Apidologie</i> , 2013, 44, 90-99.	2.0	15
56	The Role of Flower Inclination, Depth, and Height in the Preferences of a Pollinating Beetle (Coleoptera: Glaphyridae). <i>Journal of Insect Behavior</i> , 2004, 17, 823-834.	0.7	14
57	Are nectar guide colour changes a reliable signal to pollinators that enhances reproductive success?. <i>Plant Ecology and Diversity</i> , 2017, 10, 89-96.	2.4	14
58	Patterns and drivers of wild bee community assembly in a Mediterranean IUCN important plant area. <i>Biodiversity and Conservation</i> , 2018, 27, 695-717.	2.6	14
59	The supernatural characters and powers of sacred trees in the Holy Land. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2007, 3, 10.	2.6	12
60	Flower characteristics and breeding system of two phenological ecotypes of <i>Cyclamen persicum</i> Mill. (Myrsinaceae) in Israel. <i>Plant Systematics and Evolution</i> , 2008, 274, 127-134.	0.9	9
61	Flower Colour Polymorphism, Pollination Modes, Breeding System and Gene Flow in <i>Anemone coronaria</i> . <i>Plants</i> , 2020, 9, 397.	3.5	9
62	High autonomous selfing capacity and low flower visitation rates in a subalpine population of <i>Prunella vulgaris</i> (Lamiaceae). <i>Plant Ecology and Evolution</i> , 2017, 150, 59-66.	0.7	9
63	Extinct plants of Israel. <i>Biological Conservation</i> , 1976, 10, 49-52.	4.1	8
64	Myrtle ( <i>Myrtus communis</i> ) as a Ritual Plant in the Holy Land – a Comparative Study in Relation to Ancient Traditions. <i>Economic Botany</i> , 2016, 70, 222-234.	1.7	7
65	In search of traces of the mandrake myth: the historical, and ethnobotanical roots of its vernacular names. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2021, 17, 68.	2.6	4
66	Foreword by the Guest Editors. <i>Israel Journal of Plant Sciences</i> , 1997, 45, iii.	0.5	2
67	Reply to Lavi & Sapir (2015): floral colour and pollinator-mediated selection in <i>Oncocyclos irises</i> (Iridaceae). <i>New Phytologist</i> , 2015, 207, 948-949.	7.3	2
68	The Doctrine of Signatures in Israel – Revision and Spatiotemporal Patterns. <i>Plants</i> , 2021, 10, 1346.	3.5	2
69	Sweetness and Loss: An Urgent Call for Affiliative Modes of Living. <i>Journal of Ethnobiology</i> , 2020, 40, .	2.1	2
70	Poplar trees in Israel's desert regions: Relicts of Roman and Byzantine settlement. <i>Journal of Arid Environments</i> , 2021, 193, 104574.	2.4	1