

Theodora Petanidou

List of Publications by Year in descending order

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122
papers

6,974
citations

61984

43
h-index

69250

77
g-index

125
all docs

125
docs citations

125
times ranked

7092
citing authors

#	ARTICLE	IF	CITATIONS
1	Bee brood as traditional human food on Andros Island, Greece. <i>Journal of Apicultural Research</i> , 2024, 63, 88-91.	1.5	0
2	Assessing Climate Change Impacts on Island Bees: The Aegean Archipelago. <i>Biology</i> , 2022, 11, 552.	2.8	7
3	Phenology and production of pollen, nectar, and sugar in 1612 plant species from various environments. <i>Ecology</i> , 2022, 103, e3705.	3.2	6
4	What plantâ€™pollinator network structure tells us about the mechanisms underlying the bidirectional biodiversity productivity relationship?. <i>Basic and Applied Ecology</i> , 2022, , .	2.7	3
5	The effect of natural disturbances on forest biodiversity: an ecological synthesis. <i>Biological Reviews</i> , 2022, 97, 1930-1947.	10.4	40
6	The Aegean Archipelago as cradle: divergence of the glaphyrid genus <i>Pygopleurus</i> and phylogeography of <i>P. foina</i> . <i>Systematics and Biodiversity</i> , 2021, 19, 346-358.	1.2	4
7	Impacts of beekeeping on wild bee diversity and pollination networks in the Aegean Archipelago. <i>Ecography</i> , 2021, 44, 1353-1365.	4.5	15
8	Bumblebees, the proficient mountain pollinators: evidence from <i>Stachys germanica</i> (Lamiaceae) along the altitudinal gradient of Mount Olympus, Greece. <i>Biological Journal of the Linnean Society</i> , 2021, 134, 732-744.	1.6	2
9	The LTER-Greece Environmental Observatory Network: Design and Initial Achievements. <i>Water (Switzerland)</i> , 2021, 13, 2971.	2.7	0
10	Climate change effects on multi-taxa pollinator diversity and distribution along the elevation gradient of Mount Olympus, Greece. <i>Ecological Indicators</i> , 2021, 132, 108335.	6.3	13
11	Bees increase seed set of wild plants while the proportion of arable land has a variable effect on pollination in European agricultural landscapes. <i>Plant Ecology and Evolution</i> , 2021, 154, 341-350.	0.7	11
12	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
13	Myrtle, Basil, Rosemary, and Three-Lobed Sage as Ritual Plants in the Monotheistic Religions: an Historicalâ€™Ethnobotanical Comparison. <i>Economic Botany</i> , 2020, 74, 330-355.	1.7	19
14	From bioaccumulation to biodecummulation: Nickel movement from <i>Odontarrhena lesbiaca</i> (Brassicaceae) individuals into consumers. <i>Science of the Total Environment</i> , 2020, 747, 141197.	8.0	6
15	Bumblebee diversity and pollination networks along the elevation gradient of Mount Olympus, Greece. <i>Diversity and Distributions</i> , 2020, 26, 1566-1581.	4.1	19
16	Three new hoverfly species from Greece (Diptera: Syrphidae). <i>Zootaxa</i> , 2020, 4830, zootaxa.4830.1.4.	0.5	3
17	Temporal scaleâ€™dependence of plantâ€™pollinator networks. <i>Oikos</i> , 2020, 129, 1289-1302.	2.7	66
18	Effect of pan trap size on the diversity of sampled bees and abundance of bycatch. <i>Journal of Insect Conservation</i> , 2020, 24, 409-420.	1.4	14

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19	A critical analysis of the potential for EU Common Agricultural Policy measures to support wild pollinators on farmland. <i>Journal of Applied Ecology</i> , 2020, 57, 681-694.	4.0	77
20	Thermal tolerance varies with dim light foraging and elevation in large carpenter bees (Hymenoptera: Tj ETQq0 0.0 rgBT /Overlock 10	2.2	17
21	Sky island diversification in the <i>Merodon rufus</i> group (Diptera, Syrphidae) recent vicariance in south-east Europe. <i>Organisms Diversity and Evolution</i> , 2020, 20, 345-368.	1.6	8
22	The wild bees (Hymenoptera, Apoidea) of the island of Cyprus. <i>ZooKeys</i> , 2020, 924, 1-114.	1.1	20
23	Connecting the dots: Bridging genetic and spatial differentiation of the genus <i>Eumerus</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Ove Evolutionary Research, 2019, 57, 822-839.	1.4	4
24	Floral volatiles and visitors: A meta network of associations in a natural community. <i>Journal of Ecology</i> , 2019, 107, 2574-2586.	4.0	37
25	Latitudinal variation in mycorrhizal diversity associated with a European orchid. <i>Journal of Biogeography</i> , 2019, 46, 968-980.	3.0	28
26	Moderate fire severity is best for the diversity of most of the pollinator guilds in Mediterranean pine forests. <i>Ecology</i> , 2019, 100, e02615.	3.2	40
27	Linking farmer and beekeeper preferences with ecological knowledge to improve crop pollination. <i>People and Nature</i> , 2019, 1, 562-572.	3.7	32
28	Pollination and reproduction of an invasive plant inside and outside its ancestral range. <i>Acta Oecologica</i> , 2018, 89, 11-20.	1.1	17
29	Disentangling the role of floral sensory stimuli in pollination networks. <i>Nature Communications</i> , 2018, 9, 1041.	12.8	83
30	Landscape spatial configuration is a key driver of wild bee demographics. <i>Insect Science</i> , 2018, 25, 172-182.	3.0	9
31	Climate drives plant pollinator interactions even along small scale climate gradients: the case of the Aegean. <i>Plant Biology</i> , 2018, 20, 176-183.	3.8	27
32	Cryptic speciation in the <i>Merodon luteomaculatus</i> complex (Diptera: Syrphidae) from the eastern Mediterranean. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2018, 56, 170-191.	1.4	25
33	Disentangling a cryptic species complex and defining new species within the <i>Eumerus minotaurus</i> group (Diptera: Syrphidae), based on integrative taxonomy and Aegean palaeogeography. <i>Contributions To Zoology</i> , 2018, 87, 197-225.	0.5	23
34	Phenology determines the robustness of plant pollinator networks. <i>Scientific Reports</i> , 2018, 8, 14873.	3.3	25
35	Geography, climate, ecology: What is more important in determining bee diversity in the Aegean Archipelago?. <i>Journal of Biogeography</i> , 2018, 45, 2690-2700.	3.0	12
36	Differential Effects of Climate Warming on the Nectar Secretion of Early- and Late-Flowering Mediterranean Plants. <i>Frontiers in Plant Science</i> , 2018, 9, 874.	3.6	49

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37	Promises and challenges in insect-plant interactions. <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 319-343.	1.4	66
38	Self-compatibility is over-represented on islands. <i>New Phytologist</i> , 2017, 215, 469-478.	7.3	84
39	Molecular species delimitation in the genus <i>Eumerus</i> (Diptera: Syrphidae). <i>Bulletin of Entomological Research</i> , 2017, 107, 126-138.	1.0	30
40	The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	186
41	The effect of fire history in shaping diversity patterns of flower-visiting insects in post-fire Mediterranean pine forests. <i>Biodiversity and Conservation</i> , 2017, 26, 115-131.	2.6	32
42	Community-wide integration of floral colour and scent in a Mediterranean scrubland. <i>Nature Ecology and Evolution</i> , 2017, 1, 1502-1510.	7.8	108
43	Impact of honeybee (<i>Apis mellifera</i> L.) density on wild bee foraging behaviour. <i>Journal of Apicultural Science</i> , 2016, 60, 49-62.	0.4	16
44	Phylogeographic patterns of <i>Merodon</i> hoverflies in the Eastern Mediterranean region: revealing connections and barriers. <i>Ecology and Evolution</i> , 2016, 6, 2226-2245.	1.9	30
45	Bee response to fire regimes in Mediterranean pine forests: The role of nesting preference, trophic specialization, and body size. <i>Basic and Applied Ecology</i> , 2016, 17, 308-320.	2.7	30
46	Electromagnetic radiation of mobile telecommunication antennas affects the abundance and composition of wild pollinators. <i>Journal of Insect Conservation</i> , 2016, 20, 315-324.	1.4	30
47	<i>Brachyopa minima</i> (Diptera: Syrphidae), a new species from Greece with notes on the biodiversity and conservation of the genus <i>Brachyopa</i> Meigen in the Northern Aegean Islands. <i>Zootaxa</i> , 2016, 4072, 217-34.	0.5	4
48	Predicting bee community responses to land-use changes: Effects of geographic and taxonomic biases. <i>Scientific Reports</i> , 2016, 6, 31153.	3.3	92
49	Biogeographical patterns of the genus <i>Merodon</i> Meigen, 1803 (Diptera: Syrphidae) in islands of the eastern Mediterranean and adjacent mainland. <i>Insect Conservation and Diversity</i> , 2016, 9, 181-191.	3.0	19
50	Moderation is best: effects of grazing intensity on plant-flower visitor networks in Mediterranean communities. <i>Ecological Applications</i> , 2016, 26, 796-807.	3.8	40
51	Effects of grazing intensity on pollinator abundance and diversity, and on pollination services. <i>Ecological Entomology</i> , 2016, 41, 400-412.	2.2	54
52	Diversity of the genus <i>Eumerus</i> Meigen (Diptera, Syrphidae) on the eastern Mediterranean islands with description of three new species. <i>Annales De La Societe Entomologique De France</i> , 2015, 51, 361-373.	0.9	26
53	The scope of Baker's law. <i>New Phytologist</i> , 2015, 208, 656-667.	7.3	178
54	Plant Volatilome in Greece: a Review on the Properties, Prospects, and Chemogeography. <i>Chemistry and Biodiversity</i> , 2015, 12, 1466-1480.	2.1	9

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55	Climate change reduces nectar secretion in two common Mediterranean plants. <i>AoB PLANTS</i> , 2015, 7, plv111.	2.3	46
56	Lessons from Red Data Books: Plant Vulnerability Increases with Floral Complexity. <i>PLoS ONE</i> , 2015, 10, e0138414.	2.5	20
57	Winners and losers of climate change for the genus <i>Merodon</i> (Diptera: Syrphidae) across the Balkan Peninsula. <i>Ecological Modelling</i> , 2015, 313, 201-211.	2.5	22
58	Moderation is best: effects of grazing intensity on plant-flower visitor networks in Mediterranean communities. , 2015, , 150903033531005.		2
59	Agricultural Policies Exacerbate Honeybee Pollination Service Supply-Demand Mismatches Across Europe. <i>PLoS ONE</i> , 2014, 9, e82996.	2.5	171
60	The potential for indirect effects between co-flowering plants via shared pollinators depends on resource abundance, accessibility and relatedness. <i>Ecology Letters</i> , 2014, 17, 1389-1399.	6.4	172
61	The <scp>PREDICTS</scp> database: a global database of how local terrestrial biodiversity responds to human impacts. <i>Ecology and Evolution</i> , 2014, 4, 4701-4735.	1.9	178
62	Variable flowering phenology and pollinator use in a community suggest future phenological mismatch. <i>Acta Oecologica</i> , 2014, 59, 104-111.	1.1	65
63	Urban biodiversity hotspots wait to get discovered: The example of the city of Ioannina, NW Greece. <i>Landscape and Urban Planning</i> , 2013, 120, 129-137.	7.5	36
64	The presence of the invasive plant <i>Solanum elaeagnifolium</i> deters honeybees and increases pollen limitation in the native co-flowering species <i>Glaucium flavum</i> . <i>Biological Invasions</i> , 2013, 15, 385-393.	2.4	22
65	Reduced fecundity in large populations of a Mediterranean orchid – Evidence for pollinator limitation. <i>Basic and Applied Ecology</i> , 2013, 14, 36-43.	2.7	5
66	Historical climate change influences modularity and nestedness of pollination networks. <i>Ecography</i> , 2013, 36, 1331-1340.	4.5	116
67	Investigating plant-pollinator relationships in the Aegean: the approaches of the project POL-AEGIS (The pollinators of the Aegean archipelago: diversity and threats). <i>Journal of Apicultural Research</i> , 2013, 52, 106-117.	1.5	34
68	Self-compatibility and plant invasiveness: Comparing species in native and invasive ranges. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2012, 14, 3-12.	2.7	63
69	Pollinator community responses to the spatial population structure of wild plants: A pan-European approach. <i>Basic and Applied Ecology</i> , 2012, 13, 489-499.	2.7	28
70	Identification of <i>Salicornia</i> population: Anatomical characterization and RAPD fingerprinting. <i>Archives of Biological Sciences</i> , 2011, 63, 1087-1098.	0.5	8
71	Hoverfly diversity (Diptera: Syrphidae) in a Mediterranean scrub community near Athens, Greece. <i>Annales De La Societe Entomologique De France</i> , 2011, 47, 168-175.	0.9	35
72	Three new cryptic species of the genus <i>Merodon</i> Meigen (Diptera: Syrphidae) from the island of Lesbos (Greece). <i>Zootaxa</i> , 2011, 2735, 35.	0.5	44

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73	Small-size bees reduce male fitness of the flowers of <i>Ononis masquillierii</i> (Fabaceae), a rare endemic plant in the northern Apennines. <i>Botanical Journal of the Linnean Society</i> , 2011, 165, 267-277.	1.6	22
74	Does spatial population structure affect seed set in pollen-limited <i>Thymus capitatus</i> ?. <i>Apidologie</i> , 2011, 42, 67-77.	2.0	10
75	Assessing bee species richness in two Mediterranean communities: importance of habitat type and sampling techniques. <i>Ecological Research</i> , 2011, 26, 969-983.	1.5	135
76	Developing European conservation and mitigation tools for pollination services: approaches of the STEP (Status and Trends of European Pollinators) project. <i>Journal of Apicultural Research</i> , 2011, 50, 152-164.	1.5	64
77	Influence of landscape context on the abundance and diversity of bees in Mediterranean olive groves. <i>Bulletin of Entomological Research</i> , 2011, 101, 557-564.	1.0	58
78	How evident is the apparent? Students' and teachers' perceptions of the terraced landscape. <i>International Research in Geographical and Environmental Education</i> , 2011, 20, 5-20.	1.6	8
79	Farmers' attitudes and landscape change: evidence from the abandonment of terraced cultivations on Lesvos, Greece. <i>Agriculture and Human Values</i> , 2010, 27, 199-212.	3.0	69
80	Establishment of a cross-European field site network in the ALARM project for assessing large-scale changes in biodiversity. <i>Environmental Monitoring and Assessment</i> , 2010, 164, 337-348.	2.7	10
81	Multiple stressors on biotic interactions: how climate change and alien species interact to affect pollination. <i>Biological Reviews</i> , 2010, 85, 777-795.	10.4	259
82	Effects of patch size and density on flower visitation and seed set of wild plants: a pan-European approach. <i>Journal of Ecology</i> , 2010, 98, 188-196.	4.0	199
83	Invasive plant integration into native plant-pollinator networks across Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3887-3893.	2.6	175
84	Invasive weed facilitates incidence of Colorado potato beetle on potato crop. <i>International Journal of Pest Management</i> , 2009, 55, 165-173.	1.8	10
85	Do plant-pollinator interaction networks result from stochastic processes?. <i>Ecological Modelling</i> , 2009, 220, 684-693.	2.5	22
86	The impact of <i>Solanum elaeagnifolium</i> , an invasive plant in the Mediterranean, on the flower visitation and seed set of the native co-flowering species <i>Glaucium flavum</i> . <i>Plant Ecology</i> , 2009, 205, 77-85.	1.6	32
87	Spatio-temporal variation in the structure of pollination networks. <i>Oikos</i> , 2009, 118, 1261-1269.	2.7	178
88	COI barcodes for identification of <i>Merodon</i> hoverflies (Diptera, Syrphidae) of Lesvos Island, Greece. <i>Molecular Ecology Resources</i> , 2009, 9, 1431-1438.	4.8	65
89	Socioeconomic Dimensions of Changes in the Agricultural Landscape of the Mediterranean Basin: A Case Study of the Abandonment of Cultivation Terraces on Nisyros Island, Greece. <i>Environmental Management</i> , 2008, 41, 250-266.	2.7	114
90	Long-term observation of a pollination network: fluctuation in species and interactions, relative invariance of network structure and implications for estimates of specialization. <i>Ecology Letters</i> , 2008, 11, 564-575.	6.4	427

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91	MEASURING BEE DIVERSITY IN DIFFERENT EUROPEAN HABITATS AND BIOGEOGRAPHICAL REGIONS. <i>Ecological Monographs</i> , 2008, 78, 653-671.	5.4	562
92	Two new species of the genus <i>Merodon</i> Meigen 1803 (Diptera: Syrphidae) from the island of Lesbos (Greece), in the eastern Mediterranean. <i>Annales De La Societe Entomologique De France</i> , 2007, 43, 319-326.	0.9	33
93	Ecological and evolutionary aspects of floral nectars in Mediterranean habitats. , 2007, , 343-375.		38
94	Pollination in small islands by occasional visitors: the case of <i>Daucus carota</i> subsp. <i>commutatus</i> (Apiaceae) in the Columbretes archipelago, Spain. <i>Plant Ecology</i> , 2007, 192, 133-151.	1.6	48
95	What shapes amino acid and sugar composition in Mediterranean floral nectars?. <i>Oikos</i> , 2006, 115, 155-169.	2.7	149
96	Plant-pollinator biodiversity and pollination services in a complex Mediterranean landscape. <i>Biological Conservation</i> , 2006, 129, 519-529.	4.1	186
97	The potential for selection on pollen colour dimorphisms in <i>Nigella degenii</i> : morph-specific differences in pollinator visitation, fertilisation success and siring ability. <i>Evolutionary Ecology</i> , 2006, 20, 291-306.	1.2	18
98	Alarm: Assessing Large-scale environmental Risks for biodiversity with tested Methods. <i>Gaia</i> , 2005, 14, 69-72.	0.7	160
99	Sugars in Mediterranean Floral Nectars: An Ecological and Evolutionary Approach. <i>Journal of Chemical Ecology</i> , 2005, 31, 1065-1088.	1.8	106
100	A land for flowers and bees: studying pollination ecology in Mediterranean communities. <i>Plant Biosystems</i> , 2005, 139, 279-294.	1.6	55
101	The reproductive ecology of <i>Medicago citrina</i> (Font Quer) Greuter (Leguminosae): a bee-pollinated plant in Mediterranean islands where bees are absent. <i>Plant Systematics and Evolution</i> , 2003, 241, 29-46.	0.9	45
102	Introducing plants for bee-keeping at any cost? – Assessment of <i>Phacelia tanacetifolia</i> as nectar source plant under xeric Mediterranean conditions. <i>Plant Systematics and Evolution</i> , 2003, 238, 155-168.	0.9	32
103	Differential pollination success in the course of individual flower development and flowering time in <i>Gentiana pneumonanthe</i> L. (Gentianaceae). <i>Botanical Journal of the Linnean Society</i> , 2001, 135, 25-33.	1.6	21
104	Nectary structure of Labiatae in relation to their nectar secretion and characteristics in a Mediterranean shrub community ? Does flowering time matter?. <i>Plant Systematics and Evolution</i> , 2000, 225, 103-118.	0.9	63
105	The Effect of Nutrient and Water Availability on Nectar Secretion and Nectary Structure of the Dominant Labiatae Species of Phrygana. <i>Systematics and Geography of Plants</i> , 1999, 68, 233.	0.1	37
106	Pollination ecology of <i>Gentianella uliginosa</i> , a rare annual of the Dutch coastal dunes. <i>Nordic Journal of Botany</i> , 1998, 18, 537-548.	0.5	28
107	Change in floral nectar components from fresh to senescent flowers of <i>Capparis spinosa</i> (Capparidaceae), a nocturnally flowering Mediterranean shrub. <i>Plant Systematics and Evolution</i> , 1996, 199, 79-92.	0.9	60
108	Does temperature stress induce nectar secretion in Mediterranean plants?. <i>New Phytologist</i> , 1996, 133, 513-518.	7.3	77

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109	Pollination ecology and constraints on seed set of the rare perennial <i>Gentiana cruciata</i> L. in The Netherlands*. Acta Botanica Neerlandica, 1995, 44, 55-74.	0.9	37
110	Constraints on Flowering Phenology in a Phryganic (East Mediterranean Shrub) Community. American Journal of Botany, 1995, 82, 607.	1.7	55
111	Ecogeographical patterns in the incidence of brood parasitism in bees. Biological Journal of the Linnean Society, 1995, 55, 261-272.	1.6	16
112	Pollination ecology and patch-dependent reproductive success of the rare perennial <i>Gentiana pneumonanthe</i> L.. New Phytologist, 1995, 129, 155-163.	7.3	52
113	The potential of marginal lands for bees and apiculture: nectar secretion in Mediterranean shrublands. Apidologie, 1995, 26, 39-52.	2.0	52
114	Constraints on flowering phenology in a phryganic (East Mediterranean) Tj ETQq0 0,0 rgBT /Overlock 10	1.7	42
115	Ecogeographical patterns in the incidence of brood parasitism in bees. Biological Journal of the Linnean Society, 1995, 55, 261-272.	1.6	2
116	Pollinating Fauna of a Phryganic Ecosystem: Composition and Diversity. Biodiversity Letters, 1993, 1, 9.	0.5	88
117	POLLINATION ECOLOGY OF LABIATAE IN A PHRYGANIC (EAST MEDITERRANEAN) ECOSYSTEM. American Journal of Botany, 1993, 80, 892-899.	1.7	29
118	Pollination Ecology of Labiatae in a Phryganic (East Mediterranean) Ecosystem. American Journal of Botany, 1993, 80, 892.	1.7	30
119	COMPARATIVE POLLINATION ECOLOGY OF TWO RARE DUTCH GENTIANA SPECIES, IN RELATION TO POPULATION SIZE. Acta Horticulturae, 1991, , 308-312.	0.2	23
120	POLLINATION AND POLLEN ENERGETICS IN MEDITERRANEAN ECOSYSTEMS. American Journal of Botany, 1990, 77, 986-992.	1.7	48
121	Pollination ecology and reproductive potential of <i>Jankaea heldreichii</i> (Gesneriaceae); a tertiary relict on Mt Olympus, Greece. Biological Conservation, 1990, 52, 125-133.	4.1	12
122	Pollination and Pollen Energetics in Mediterranean Ecosystems. American Journal of Botany, 1990, 77, 986.	1.7	27