Torsten Meiners

List of Publications by Year
in descending order

52 papers	3,283 citations	236925 25 h-index	175258 52 g-index
56 all docs	56 docs citations	56 times ranked	3763 citing authors

#	Article	IF	Citations
1	Infection of susceptible/tolerant barley genotypes with Barley yellow dwarf virus alters the host plant preference of Rhopalosiphum padi clones depending upon their ability to transmit BYDV. Journal of Pest Science, 2022, 95, 215-229.	3.7	8
2	Perspectives for integrated insect pest protection in oilseed rape breeding. Theoretical and Applied Genetics, 2022, 135, 3917-3946.	3.6	11
3	Chemical defence in Brassicaceae against pollen beetles revealed by metabolomics and flower bud manipulation approaches. Plant, Cell and Environment, 2021, 44, 519-534.	5.7	10
4	Lumbricus terrestris regulating the ecosystem service/disservice balance in maize (Zea mays) cultivation. Plant and Soil, 2021, 462, 459-475.	3.7	3
5	Effects of temperature and soil fauna on the reduction and leaching of deoxynivalenol and zearalenone from Fusarium graminearum-infected maize stubbles. Mycotoxin Research, 2021, 37, 249-263.	2.3	4
6	Antifungal activity of Zataria multiflora Boiss. essential oils and changes in volatile compound composition under abiotic stress conditions. Industrial Crops and Products, 2021, 171, 113888.	5.2	15
7	Metabolomics Approaches for Analyzing Effects of Geographic and Environmental Factors on the Variation of Root Essential Oils of Ferula assa-foetida L. Journal of Agricultural and Food Chemistry, 2020, 68, 9940-9952.	5.2	21
8	Variation of Secondary Metabolite Profile of Zataria multiflora Boiss. Populations Linked to Geographic, Climatic, and Edaphic Factors. Frontiers in Plant Science, 2020, 11, 969.	3.6	32
9	Discovery pipelines for marine resources: an ocean of opportunity for biotechnology?. World Journal of Microbiology and Biotechnology, 2019, 35, 107.	3.6	10
10	Direct and indirect effects of agricultural intensification on a host-parasitoid system on the ribwort plantain (Plantago lanceolata L.) in a landscape context. Landscape Ecology, 2017, 32, 2015-2028.	4.2	3
11	Elm leaves â€˜warnedâ€™ by insect egg deposition reduce survival of hatching larvae by a shift in their quantitative leaf metabolite pattern. Plant, Cell and Environment, 2016, 39, 366-376.	5.7	35
12	Elm defence against herbivores and pathogens: morphological, chemical and molecular regulation aspects. Phytochemistry Reviews, 2016, 15, 961-983.	6.5	27
13	Does vegetation complexity affect host plant chemistry, and thus multitrophic interactions, in a human-altered landscape?. Oecologia, 2015, 179, 281-292.	2.0	12
14	Chemical ecology and evolution of plantâ€“insect interactions: a multitrophic perspective. Current Opinion in Insect Science, 2015, 8, 22-28.	4.4	44
15	Phenotypic Plasticity in a Willow Leaf Beetle Depends on Host Plant Species: Release and Recognition of Beetle Odors. Chemical Senses, 2015, 40, 109-124.	2.0	1
16	Habitats as Complex Odour Environments: How Does Plant Diversity Affect Herbivore and Parasitoid Orientation?. PLoS ONE, 2014, 9, e85152.	2.5	29
17	Phenotypic plasticity in host plant preference of the willow leaf beetlePhratora vulgatissima: the impact of experience made by adults. Agricultural and Forest Entomology, 2014, 16, 417-425.	1.3	9
18	Smelling the tree and the forest: elm background odours affect egg parasitoid orientation to herbivore induced terpenoids. BioControl, 2014, 59, 29-43.	2.0	19

#	Article	IF	Citations
19	EU-OPENSCREENâ€"chemical tools for the study of plant biology and resistance mechanisms. Journal of Chemical Biology, 2014, 7, 113-118.	2.2	3
20	Choosing and using diversity indices: insights for ecological applications from the German Biodiversity Exploratories. Ecology and Evolution, 2014, 4, 3514-3524.	1.9	697
21	Fertilizer application decreases insect abundance on Plantago lanceolata: a large-scale experiment in three geographic regions. Arthropod-Plant Interactions, 2013, 7, 147-158.	1.1	10
22	Land use and host neighbor identity effects on arbuscular mycorrhizal fungal community composition in focal plant rhizosphere. Biodiversity and Conservation, 2013, 22, 2193-2205.	2.6	37
23	Land use intensification in grasslands: higher trophic levels are more negatively affected than lower trophic levels. Entomologia Experimentalis Et Applicata, 2013, 147, 269-281.	1.4	16
24	Plants and insect eggs: How do they affect each other?. Phytochemistry, 2011, 72, 1612-1623.	2.9	144
25	How plants give early herbivore alert: Volatile terpenoids attract parasitoids to egg-infested elms. Basic and Applied Ecology, 2011, 12, 403-412.	2.7	55
26	Multisensory Non-photoperiodic Cue Advances the Onset of Seasonal Breeding in Island Canaries (Serinus canaria). Journal of Biological Rhythms, 2011, 26, 434-440.	2.6	15
27	Vegetation complexityâ€"The influence of plant species diversity and plant structures on plant chemical complexity and arthropods. Basic and Applied Ecology, 2010, 11, 383-395.	2.7	141
28	How do plants â€œnoticeâ€•attack by herbivorous arthropods?. Biological Reviews, 2010, 85, 267-280.	10.4	159
29	Being a parasitoid of parasites: host finding in the tick wasp Ixodiphagus hookeri by odours from mammals. Entomologia Experimentalis Et Applicata, 2010, 134, 131-137.	1.4	15
30	Connectivity counts: disentangling effects of vegetation structure elements on the searching movement of a parasitoid. Ecological Entomology, 2010, 35, 446-455.	2.2	17
31	Effect of vegetation density, height, and connectivity on the oviposition pattern of the leaf beetle Galeruca tanaceti. Entomologia Experimentalis Et Applicata, 2009, 132, 134-146.	1.4	19
32	Unusual mechanisms involved in learning of oviposition-induced host plant odours in an egg parasitoid?. Animal Behaviour, 2008, 75, 1423-1430.	1.9	24
33	Foraging behavior of egg parasitoids exploiting chemical information. Behavioral Ecology, 2008, 19, 677-689.	2.2	237
34	Plant architecture and vegetation structure: Two ways for insect herbivores to escape parasitism. European Journal of Entomology, 2008, 105, 233-240.	1.2	68
35	Electrophysiological responses of the blue willow leaf beetle, PhratoraÂvulgatissima, to volatiles of different SalixÂviminalis genotypes. Entomologia Experimentalis Et Applicata, 2007, 125, 157-164.	1.4	13
36	Motherâ€™s choice of the oviposition site: balancing risk of egg parasitism and need of food supply for the progeny with an infochemical shelter?. Chemoecology, 2007, 17, 177-186.	1.1	39

#	Article	IF	Citations
37	Determining the tick scutal index allows assessment of tick feeding duration and estimation of infection risk with Borrelia burgdorferi sensu lato in a person bitten by an Ixodes ricinus nymph. International Journal of Medical Microbiology, 2006, 296, 103-107.	3.6	113
38	Early Herbivore Alert: Insect Eggs Induce Plant Defense. Journal of Chemical Ecology, 2006, 32, 1379-1397.	1.8	302
39	Oviposition at low temperatures - late season negatively affects the leaf beetle Galeruca tanaceti (Coleoptera: Galerucinae) but not its specialised egg parasitoid Oomyzus galerucivorus (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Ove	1.2	42
40	Enemies in low places - insects avoid winter mortality and egg parasitism by modulating oviposition height. Bulletin of Entomological Research, 2006, 96, 337-43.	1.0	11
41	Response of the elm leaf beetle to host plants induced by oviposition and feeding: the infestation rate matters. Entomologia Experimentalis Et Applicata, 2005, 115, 171-177.	1.4	47
42	Hide and seek on two spatial scales â€“ vegetation structure effects herbivore oviposition and egg parasitism. Basic and Applied Ecology, 2004, 5, 87-94.	2.7	45
43	Associative Learning of Complex Odours in Parasitoid Host Location. Chemical Senses, 2003, 28, 231-236.	2.0	80
44	Parasitic Wasps Learn and Report Diverse Chemicals with Unique Conditionable Behaviors. Chemical Senses, 2003, 28, 545-549.	2.0	50
45	The Effect of Molecular Structure on Olfactory Discrimination by the Parasitoid Microplitis croceipes. Chemical Senses, 2002, 27, 811-816.	2.0	25
46	Rich in phenomena-lacking in terms. A classification of kairomones. Chemoecology, 2002, 12, 161-167.	1.1	92
47	Analysis of volatiles induced by oviposition of elm leaf beetle Xanthogaleruca luteola on Ulmus minor. Journal of Chemical Ecology, 2001, 27, 499-515.	1.8	62
48	Specificity of chemical cues used by a specialist egg parasitoid during host location. Entomologia Experimentalis Et Applicata, 2000, 95, 151-159.	1.4	58
49	Induction of Plant Synomones by Oviposition of a Phytophagous Insect. Journal of Chemical Ecology, 2000, 26, 221-232.	1.8	181
50	Chemical signals mediating interactions betweenGaleruca tanaceti L. (Coleoptera, Chrysomelidae) and its egg parasitoidOomyzus galerucivorus (Hedqvits) (Hymenoptera, Eulophidae). Journal of Insect Behavior, 1997, 10, 523-539.	0.7	28
51	Host location in Oomyzus gallerucae (Hymenoptera: Eulophidae), an egg parasitoid of the elm leaf beetle Xanthogaleruca luteola (Coleoptera: Chrysomelidae). Oecologia, 1997, 112, 87-93.	2.0	110
52	Morphological and olfactory tree traits influence the susceptibility and suitability of the apple species Malus domestica and M. sylvestris to the florivorous weevil Anthonomus pomorum (Coleoptera: Curculionidae). PeerJ, 0, 10, e13566.	2.0	0