

Katerina Hamouzova

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

423
citations

933447

10
h-index

794594

19
g-index

34
all docs

34
docs citations

34
times ranked

469
citing authors

#	ARTICLE	IF	CITATIONS
1	The power and potential of genomics in weed biology and management. <i>Pest Management Science</i> , 2018, 74, 2216-2225.	3.4	76
2	Efficacy and selectivity of pre-emergent sunflower herbicides under different soil moisture conditions. <i>Plant Protection Science</i> , 2015, 51, 214-222.	1.4	38
3	Impact of site-specific weed management on herbicide savings and winter wheat yield. <i>Plant, Soil and Environment</i> , 2013, 59, 101-107.	2.2	33
4	Enhanced metabolism and target gene overexpression confer resistance against acetolactate synthase-inhibiting herbicides in <i>Bromus sterilis</i> . <i>Pest Management Science</i> , 2021, 77, 2122-2128.	3.4	30
5	Effect of precipitation on the dissipation, efficacy and selectivity of three chloroacetamide herbicides in sunflower. <i>Plant, Soil and Environment</i> , 2013, 59, 175-182.	2.2	27
6	Mechanisms of resistance to acetolactate synthase-inhibiting herbicides in populations of <i>Apera spica-venti</i> from the Czech Republic. <i>Pest Management Science</i> , 2014, 70, 541-548.	3.4	26
7	The effect of eight common herbicides on the predatory activity of the agrobiont spider <i>Pardosa agrestis</i> . <i>BioControl</i> , 2016, 61, 507-517.	2.0	26
8	Cross-resistance to three frequently used sulfonylurea herbicides in populations of <i>Apera spica-venti</i> from the Czech Republic. <i>Weed Research</i> , 2011, 51, 113-122.	1.7	18
9	One generalist or several specialist species? Wide host range and diverse manipulations of the hosts' web-building behaviour in the true spider parasitoid <i>Zatypota kauros</i> (Hymenoptera: Tj ETQq1 1 0.784314.gBT / Overlock 10)		
10	Density and surface tension of aqueous solutions of adjuvants used for tank-mixes with pesticides. <i>Plant, Soil and Environment</i> , 2012, 58, 568-572.	2.2	14
11	Modification of <i>Tetragnatha montana</i> (Araneae, Tetragnathidae) web architecture induced by larva of the parasitoid <i>Acrodactyla quadrisculpta</i> (Hymenoptera, Ichneumonidae, Polysphincta genus-group). <i>Zoological Studies</i> , 2015, 54, e40.	0.3	13
12	Effect of site-specific weed management in winter crops on yield and weed populations. <i>Plant, Soil and Environment</i> , 2014, 60, 27-35.	2.2	11
13	Disruption of the chemical communication of the European agrobiont ground-dwelling spider <i>Pardosa agrestis</i> by pesticides. <i>Journal of Applied Entomology</i> , 2016, 140, 609-616.	1.8	11
14	Divergence in host utilisation by two spider ectoparasitoids within the genus <i>Eriostethus</i> (Ichneumonidae, Pimplinae). <i>Zoologischer Anzeiger</i> , 2018, 272, 1-5.	0.9	8
15	Population density and soil seed bank of weed beet as influenced by crop sequence and soil tillage. <i>Plant, Soil and Environment</i> , 2010, 56, 541-549.	2.2	7
16	Impact of site-specific weed management in winter crops on weed populations. <i>Plant, Soil and Environment</i> , 2014, 60, 518-524.	2.2	7
17	Trophic niche and predatory behavior of the goblin spider <i>Triaeris stenaspis</i> (Oonopidae): a springtail specialist?. <i>Journal of Arachnology</i> , 2014, 42, 74-78.	0.5	6
18	Effects Of Spring Herbicide Treatments On Winter Wheat Growth And Grain Yield [*] . <i>Scientia Agriculturae Bohemica</i> , 2015, 46, 1-6.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Effect of nonwoven fabric cover on the efficacy and selectivity of pendimethalin in lettuce. <i>Scientia Horticulturae</i> , 2016, 200, 7-12.	3.6	6
20	Effect of a nonwoven fabric covering on the residual activity of pendimethalin in lettuce and soil. <i>Pest Management Science</i> , 2017, 73, 1024-1030.	3.4	6
21	Identification of the most suitable reference gene for gene expression studies with development and abiotic stress response in <i>Bromus sterilis</i> . <i>Scientific Reports</i> , 2021, 11, 13393.	3.3	6
22	<i>Apera spica-venti</i> in the Czech Republic develops resistance to three herbicide modes of action. <i>Weed Research</i> , 2021, 61, 420-429.	1.7	5
23	Differences in sensitivity of F1 and F2 generations of herbicide tolerant sunflower volunteers to selected acetolactate synthase inhibiting herbicides. <i>Plant, Soil and Environment</i> , 2014, 60, 446-451.	2.2	4
24	Germination responses to water potential in <i>Bromus sterilis</i> L. under different temperatures and light regimes. <i>Plant, Soil and Environment</i> , 2017, 63, 368-374.	2.2	4
25	Dynamics of the Degradation of Acetyl-CoA Carboxylase Herbicides in Vegetables. <i>Foods</i> , 2021, 10, 405.	4.3	4
26	Weed Resistance to Herbicides in the Czech Republic: History, Occurrence, Detection and Management. , 0, , .		4
27	Dynamics of herbicide degradation in cauliflower. <i>Plant, Soil and Environment</i> , 2018, 64, 551-556.	2.2	3
28	Dynamics of herbicides degradation in carrot (<i>Daucus carota</i> L.) roots and leaves. <i>Plant, Soil and Environment</i> , 2021, 67, 353-359.	2.2	3
29	Environmental and agronomic monitoring of adverse effects due to cultivation of genetically modified herbicide tolerant crops. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2011, 6, 125-130.	1.4	2
30	Determination of the influence of herbicides on dicotyledons plant transpiration using the sap flow method. <i>Plant, Soil and Environment</i> , 2014, 60, 562-568.	2.2	2
31	Analysis of sampling precision in low-density weed populations. <i>Precision Agriculture</i> , 2022, 23, 603-621.	6.0	2
32	Cytoplasmic male sterility as a biological confinement tool for maize coexistence: optimization of pollinator spatial arrangement. <i>Plant, Soil and Environment</i> , 2017, 63, 145-151.	2.2	0
33	Identification of the optimal codons for acetolactate synthase from weeds: an in-silico study. <i>Plant, Soil and Environment</i> , 2021, 67, 331-336.	2.2	0