

Kerstin Kruger

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

765
citations

516710

16
h-index

580821

25
g-index

48
all docs

48
docs citations

48
times ranked

784
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the origin of the invasive populations of <i>Trioza erytreae</i> in Europe using microsatellite markers and mtDNA barcoding approaches. <i>Scientific Reports</i> , 2021, 11, 18651.	3.3	10
2	Emerging potato pathogens affecting food security in southern Africa: Recent research. <i>South African Journal of Science</i> , 2020, 116, .	0.7	6
3	Potato virus Y and Potato leafroll virus management under climate change in sub-Saharan Africa. <i>South African Journal of Science</i> , 2020, 116, .	0.7	2
4	Classical biological control of the African citrus psyllid <i>Trioza erytreae</i> , a major threat to the European citrus industry. <i>Scientific Reports</i> , 2019, 9, 9440.	3.3	26
5	Non-destructive DNA extraction from aphids: the application in virus - vector studies of Banana bunchy top virus (BBTV). <i>European Journal of Plant Pathology</i> , 2019, 153, 571-582.	1.7	6
6	Draft Genome Sequence of a <i>Candidatus</i> Phytoplasma asteris-Related Strain (Aster Yellows,) Tj ETQq0.00 rgBT/Overlock	0.6	12
7	Host range testing of <i>Tamarixia dryi</i> (Hymenoptera: Eulophidae) sourced from South Africa for classical biological control of <i>Trioza erytreae</i> (Hemiptera: Psyllidae) in Europe. <i>Biological Control</i> , 2019, 135, 110-116.	3.0	13
8	Drought and heat waves associated with climate change affect performance of the potato aphid <i>Macrosiphum euphorbiae</i> . <i>Scientific Reports</i> , 2019, 9, 3645.	3.3	33
9	The Biology and Ecology of Leafhopper Transmission of Phytoplasmas. , 2019, , 27-51.		13
10	Sampling Methods for Leafhopper, Planthopper, and Psyllid Vectors. <i>Methods in Molecular Biology</i> , 2019, 1875, 37-52.	0.9	2
11	Potential insect vectors and alternative host plants of phytoplasmas in the Fynbos and Succulent Karoo biomes in South Africa. <i>Phytopathogenic Mollicutes</i> , 2019, 9, 197.	0.1	0
12	The role of visual and olfactory plant cues in aphid behaviour and the development of non-persistent virus management strategies. <i>Arthropod-Plant Interactions</i> , 2017, 11, 1-13.	1.1	21
13	Transmission and Epidemiology of Potato virus Y. , 2017, , 141-176.		18
14	Management of Grapevine Leafroll Disease and Associated Vectors in Vineyards. , 2017, , 531-560.		5
15	Insights into the pollination requirements of the only African wild tobacco, <i>Nicotiana africana</i> (Solanaceae) from the Namib Desert. <i>Journal of Arid Environments</i> , 2016, 125, 64-67.	2.4	2
16	Olfactory responses of <i>hopalosisiphum padi</i> to three maize, potato, and wheat cultivars and the selection of prospective crop border plants. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 157, 241-253.	1.4	16
17	Landing Preference and Reproduction of <i>Rhopalosisiphum padi</i> (Hemiptera: Aphididae) in the Laboratory on Three Maize, Potato, and Wheat Cultivars. <i>Journal of Insect Science</i> , 2015, 15, 63-63.	1.5	4
18	First insights into the influence of aster yellows phytoplasmas on the behaviour of the leafhopper <i>Mgenia fuscovaria</i> . <i>Phytopathogenic Mollicutes</i> , 2015, 5, S41.	0.1	4

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19	Transmission of Grapevine Leafroll-associated Virus 3 (GLRaV-3): Acquisition, Inoculation and Retention by the Mealybugs <i>Planococcus ficus</i> and <i>Pseudococcus longispinus</i> (Hemiptera: Tj ETQq1 1 0.784314 rggB /Overlock 10 T 5		
20	Abiotically-Induced Plant Morphological Changes and Host-Range Expansion in Quarantine Evaluations of Candidate Weed Biocontrol Agents: The Case Study <i>Conchyloctenia hybrida</i> (Coleoptera: Chrysomelidae). <i>Environmental Entomology</i> , 2014, 43, 1286-1294.	1.4	1
21	Visual Cues and Host-Plant Preference of the Bird Cherry-Oat Aphid, <i>Rhopalosiphum padi</i> (Hemiptera: Aphididae). <i>African Entomology</i> , 2014, 22, 428-436.	0.6	10
22	Preference of Aphids (Hemiptera: Aphididae) for Lucerne, Maize, Soybean and Wheat and their Potential as Prospective Border Crops for <i>Potato virus y</i> Management in seed Potatoes. <i>African Entomology</i> , 2014, 22, 144-155.	0.6	7
23	Biology of <i>Conchyloctenia hybrida</i> (Coleoptera: Chrysomelidae: Cassidinae) on <i>Solanum campylacanthum</i> subsp. <i>panduriforme</i> . <i>Annals of the Entomological Society of America</i> , 2014, 107, 818-825.	2.5	2
24	First Report of the Aphid Parasitoid <i>Aphidius Ervi</i> Haliday (Hymenoptera, Braconidae, Aphidiinae) from South Africa. <i>African Entomology</i> , 2014, 22, 214-215.	0.6	2
25	The Only African Wild Tobacco, <i>Nicotiana africana</i> : Alkaloid Content and the Effect of Herbivory. <i>PLoS ONE</i> , 2014, 9, e102661.	2.5	13
26	Effect of temperature and host species on parasitism, development time and sex ratio of the egg parasitoid <i>Trichogrammatoidea lutea</i> Girault (Hymenoptera: Trichogrammatidae). <i>Biological Control</i> , 2013, 64, 211-216.	3.0	19
27	Climate Change and Potato Production in Contrasting South African Agro-Ecosystems 3. Effects on Relative Development Rates of Selected Pathogens and Pests. <i>Potato Research</i> , 2013, 56, 67-84.	2.7	48
28	Grapevine leafroll-associated Virus 3 (GLRaV-3) Transmission by Three Soft Scale Insect Species (Hemiptera: Coccidae) with Notes on Their Biology. <i>Journal of the Entomological Society of Southern Africa</i> , 2013, 21, 1-8.	0.3	10
29	Farmers' knowledge and perceptions of blister beetles, <i>Hycleus</i> spp. (Coleoptera: Meloidae), as pest herbivores of <i>Desmodium</i> legumes in western Kenya. <i>International Journal of Pest Management</i> , 2012, 58, 165-174.	1.8	9
30	Host Plant-Related Parasitism and Host Feeding Activities of <i>Diglyphus isaea</i> (Hymenoptera: Eulophidae) on <i>Liriomyza huidobrensis</i> , <i>Liriomyza sativae</i> , and <i>Liriomyza trifolii</i> (Diptera: Agromyzidae). <i>Journal of Economic Entomology</i> , 2012, 105, 161-168.	1.8	14
31	Host plant effects on morphometric characteristics of <i>Liriomyza huidobrensis</i> , <i>L. sativae</i> and <i>L. trifolii</i> (Diptera: Agromyzidae). <i>Journal of Applied Entomology</i> , 2012, 136, 97-108.	1.8	10
32	Diversity of agromyzidae and associated hymenopteran parasitoid species in the afro-tropical region: implications for biological control. <i>BioControl</i> , 2011, 56, 1-9.	2.0	12
33	Responses of the blister beetle <i>Hycleus apicicornis</i> to visual stimuli. <i>Physiological Entomology</i> , 2011, 36, 220-229.	1.5	10
34	Host suitability of UV-irradiated eggs of three Lepidoptera species for rearing <i>Trichogrammatoidea lutea</i> Girault (Hymenoptera: Trichogrammatidae). <i>Journal of Applied Entomology</i> , 2010, 134, 737-744.	1.8	7
35	A Survey of Scale Insects (Sternorrhyncha: Coccoidea) Occurring on Table Grapes in South Africa. <i>Journal of Insect Science</i> , 2009, 9, 1-6.	1.5	23
36	Transmission efficiency of Grapevine leafroll-associated virus 3 (GLRaV-3) by the mealybugs <i>Planococcus ficus</i> and <i>Pseudococcus longispinus</i> (Hemiptera: Pseudococcidae). <i>European Journal of Plant Pathology</i> , 2008, 122, 207-212.	1.7	44

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37	Effect of water-deficit stress on cotton plants expressing the <i>Bacillus thuringiensis</i> toxin. <i>Annals of Applied Biology</i> , 2008, 152, 255-262.	2.5	25
38	Characterization of <i>Tomato curly stunt virus</i> : a new tomato-infecting begomovirus from South Africa. <i>Plant Pathology</i> , 2008, 57, 809-818.	2.4	11
39	A multiplex PCR assay for the simultaneous identification of three mealybug species (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	50
40	Response of the polyphagous whitefly <i>Bemisia tabaci</i> B-biotype (Hemiptera: Aleyrodidae) to crop diversification – influence of multiple sensory stimuli on activity and fecundity. <i>Bulletin of Entomological Research</i> , 2006, 96, 15-23.	1.0	29
41	Tomato curly stunt virus, a New Begomovirus of Tomato Within the Tomato yellow leaf curl virus-IS Cluster in South Africa. <i>Plant Disease</i> , 2000, 84, 810-810.	1.4	14
42	Survival and reproduction of <i>Euoniticellus intermedius</i> (Coleoptera: Scarabaeidae) in dung following application of cypermethrin and flumethrin pour-ons to cattle. <i>Bulletin of Entomological Research</i> , 1999, 89, 543-548.	1.0	20
43	Changes in the structure of dung insect communities after ivermectin usage in a grassland ecosystem. I. Impact of ivermectin under drought conditions. <i>Acta Oecologica</i> , 1998, 19, 425-438.	1.1	37
44	Changes in the structure of dung insect communities after ivermectin usage in a grassland ecosystem. II. Impact of ivermectin under high-rainfall conditions. <i>Acta Oecologica</i> , 1998, 19, 439-451.	1.1	25
45	Lethal and sublethal effects of ivermectin on the dung-breeding beetles <i>Euoniticellus intermedius</i> (Reiche) and <i>Onitis alexis</i> Klug (Coleoptera, Scarabaeidae). <i>Agriculture, Ecosystems and Environment</i> , 1997, 61, 123-131.	5.3	62
46	Title is missing!. <i>Journal of Insect Conservation</i> , 1997, 1, 215-220.	1.4	4
47	The effect of ivermectin on the development and reproduction of the dung-breeding fly <i>Musca nevillei</i> Kleyhans (Diptera, Muscidae). <i>Agriculture, Ecosystems and Environment</i> , 1995, 53, 13-18.	5.3	29
48	Taxonomy and biology of final-instar larvae of some Eurytomidae (Hymenoptera: Chalcidoidea) associated with grasses in the UK. <i>Journal of Natural History</i> , 1992, 26, 1047-1087.	0.5	24