

# Esther N Ngumbi

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

756  
citations

933447

10  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial-mediated drought tolerance: Current and future prospects. <i>Applied Soil Ecology</i> , 2016, 105, 109-125.	4.3	363
2	<i>Rhopalosiphum padi</i> (Hemiptera: Aphididae) Responses to Volatile Cues From Barley Yellow Dwarf Virus-Infected Wheat. <i>Environmental Entomology</i> , 2009, 38, 836-845.	1.4	100
3	<i>Myzus persicae</i> is Arrested More by Blends Than by Individual Compounds Elevated in Headspace of PLRV-Infected Potato. <i>Journal of Chemical Ecology</i> , 2007, 33, 1733-1747.	1.8	95
4	Comparative GC-EAD Responses of A Specialist ( <i>Microplitis croceipes</i> ) and A Generalist ( <i>Cotesia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Chemical Ecology, 2009, 35, 1009-1020.	1.8	59
5	Electroantennogram (EAG) responses of <i>Microplitis croceipes</i> and <i>Cotesia marginiventris</i> and their lepidopteran hosts to a wide array of odor stimuli: Correlation between EAG response and degree of host specificity?. <i>Journal of Insect Physiology</i> , 2010, 56, 1260-1268.	2.0	36
6	Comparison of associative learning of host-related plant volatiles in two parasitoids with different degrees of host specificity, <i>Cotesia marginiventris</i> and <i>Microplitis croceipes</i> . <i>Chemoecology</i> , 2012, 22, 207-215.	1.1	29
7	<i>cis</i> -Jasmone primes defense pathways in tomato via emission of volatile organic compounds and regulation of genes with consequences for <i>Spodoptera exigua</i> oviposition. <i>Arthropod-Plant Interactions</i> , 2017, 11, 591-602.	1.1	16
8	Topical and Vapor Toxicity of Saturated Fatty Acids to the German Cockroach (Dictyoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	1.8	13
9	Responses of the stem borer larval endoparasitoid <i>Cotesia flavipes</i> (Hymenoptera: Braconidae) to plant derived synomones: Laboratory and field cage experiments. <i>Biocontrol Science and Technology</i> , 2005, 15, 271-279.	1.3	12
10	Flooding and Herbivory Interact to Alter Volatile Organic Compound Emissions in Two Maize Hybrids. <i>Journal of Chemical Ecology</i> , 2021, 47, 707-718.	1.8	11
11	Factors Associated with Variation in Cuticular Hydrocarbon Profiles in the Navel Orangeworm, <i>Amyelois transitella</i> (Lepidoptera: Pyralidae). <i>Journal of Chemical Ecology</i> , 2020, 46, 40-47.	1.8	7
12	Comparative responses of four <i>Pseudacteon</i> phorid fly species to host fire ant alarm pheromone and analogs. <i>Chemoecology</i> , 2015, 25, 85-92.	1.1	6
13	Herbivory Protection via Volatile Organic Compounds Is Influenced by Maize Genotype, Not <i>Bacillus altitudinis</i> -Enriched Bacterial Communities. <i>Frontiers in Microbiology</i> , 2022, 13, 826635.	3.5	4
14	Differential regulation of cytochrome P450 genes associated with biosynthesis and detoxification in bifenthrin-resistant populations of navel orangeworm ( <i>Amyelois transitella</i> ). <i>PLoS ONE</i> , 2021, 16, e0245803.	2.5	2
15	Banish hunger on university campuses. <i>Nature</i> , 2019, 574, 151-151.	27.8	1