

# Lucie VanĀ-ÄkovĀj

## List of Publications by Year in descending order

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29  
papers

569  
citations

567281

15  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

665  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tephritid Fruit Fly Semiochemicals: Current Knowledge and Future Perspectives. <i>Insects</i> , 2021, 12, 408.	2.2	43
2	Cuticular Hydrocarbons of the South American Fruit Fly <i>Anastrepha fraterculus</i> : Variability with Sex and Age. <i>Journal of Chemical Ecology</i> , 2012, 38, 1133-1142.	1.8	40
3	Resolution of three cryptic agricultural pests ( <i>Ceratitis fasciventris</i> , <i>C. anonae</i> , <i>C. rosa</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2014, 104, 631-638.	1.0	39
4	Pheromone Analyses of the <i>Anastrepha fraterculus</i> (Diptera: Tephritidae) Cryptic Species Complex. <i>Florida Entomologist</i> , 2013, 96, 1107-1115.	0.5	37
5	Are the Wild and Laboratory Insect Populations Different in Semiochemical Emission? The Case of the Medfly Sex Pheromone. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7168-7176.	5.2	33
6	Current knowledge of the species complex <i>Anastrepha fraterculus</i> (Diptera, Tephritidae) in Brazil. <i>ZooKeys</i> , 2015, 540, 211-237.	1.1	31
7	Intraspecific variation of cuticular hydrocarbon profiles in the <i>Anastrepha fraterculus</i> (Diptera: Tephritidae) species complex. <i>Journal of Applied Entomology</i> , 2015, 139, 679-689.	1.8	29
8	An integrative approach to unravel the <i>Ceratitis</i> FAR (Diptera, Tephritidae) cryptic species complex: a review. <i>ZooKeys</i> , 2015, 540, 405-427.	1.1	29
9	MALDI MSI of MeLiM melanoma: Searching for differences in protein profiles. <i>PLoS ONE</i> , 2017, 12, e0189305.	2.5	23
10	Identification of male-borne attractants in <i>Anastrepha fraterculus</i> (Diptera: Tephritidae). <i>Chemoecology</i> , 2015, 25, 115-122.	1.1	22
11	Cuticular hydrocarbons corroborate the distinction between lowland and highland Natal fruit fly (Tephritidae, <i>Ceratitis rosa</i> ) populations. <i>ZooKeys</i> , 2015, 540, 507-524.	1.1	22
12	Sexual chemoecology of mosquitoes (Diptera, Culicidae): Current knowledge and implications for vector control programs. <i>Parasitology International</i> , 2017, 66, 190-195.	1.3	20
13	Immunochemical and HPLC identification of isoflavonoids in the Apiaceae family. <i>Biochemical Systematics and Ecology</i> , 2012, 45, 237-243.	1.3	18
14	Molecularly imprinted polymers coupled to mass spectrometric detection for metallothionein sensing. <i>Talanta</i> , 2019, 198, 224-229.	5.5	17
15	Isolation and identification of antioxidants from <i>Pedilanthus tithymaloides</i> . <i>Journal of Natural Medicines</i> , 2007, 62, 67-70.	2.3	16
16	Terpenoid profiles of resin in the genus <i>Dracaena</i> are species specific. <i>Phytochemistry</i> , 2020, 170, 112197.	2.9	16
17	Gold nanoparticles as labels for immunochemical analysis using laser ablation inductively coupled plasma mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 559-564.	3.7	15
18	Characterisation of the chemical profiles of Brazilian and Andean morphotypes belonging to the <i>Anastrepha fraterculus</i> complex (Diptera, Tephritidae). <i>ZooKeys</i> , 2015, 540, 193-209.	1.1	15

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19	Pheromone Communication in <i>Anastrepha obliqua</i> (Diptera: Tephritidae): A Comparison of the Volatiles and Salivary Gland Extracts of Two Wild Populations. <i>Florida Entomologist</i> , 2013, 96, 1365-1374.	0.5	14
20	Sarcosine is a prostate epigenetic modifier that elicits aberrant methylation patterns through the SAM- $\beta$ -DNMTs axis. <i>Molecular Oncology</i> , 2019, 13, 1002-1017.	4.6	14
21	Mass spectrometric imaging of cysteine rich proteins in human skin. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 270-277.	7.5	13
22	Epicuticular chemistry reinforces the new taxonomic classification of the <i>Bactrocera dorsalis</i> species complex (Diptera: Tephritidae, Dacinae). <i>PLoS ONE</i> , 2017, 12, e0184102.	2.5	13
23	Molecularly imprinted polymers and capillary electrophoresis for sensing phytoestrogens in milk. <i>Journal of Dairy Science</i> , 2020, 103, 4941-4950.	3.4	13
24	Analyses of volatiles produced by the African fruit fly species complex (Diptera, Tephritidae). <i>ZooKeys</i> , 2015, 540, 385-404.	1.1	12
25	Identification and field and laboratory tests of the sex pheromone of <i>Cerconota anonella</i> Sepp. (Lepidoptera: Oecophoridae). <i>Journal of Applied Entomology</i> , 2016, 140, 72-80.	1.8	11
26	Chemical and behavioural studies of the trail-following pheromone in the leaf-cutting ant <i>Atta opaciceps</i> , Borgmeier (Hymenoptera: Formicidae). <i>Journal of Insect Physiology</i> , 2016, 86, 25-31.	2.0	7
27	Targeted volatolomics of human monocytes: Comparison of 2D- $\text{GC}/\text{TOF-MS}$ and 1D- $\text{GC}/\text{Orbitrap-MS}$ methods. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1184, 122975.	2.3	3
28	Metallothionein dimerization evidenced by QD-based Förster resonance energy transfer and capillary electrophoresis. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 53-60.	7.5	2
29	Mapping of MeLiM melanoma combining ICP-MS and MALDI-MSI methods. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 583-592.	7.5	2