

# Florence NicolÃ

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3283111/publications.pdf>

Version: 2024-02-01

28  
papers

1,092  
citations

567281

15  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1649  
citing authors

#	ARTICLE	IF	CITATIONS
1	Population Adaptive Index: a New Method to Help Measure Intraspecific Genetic Diversity and Prioritize Populations for Conservation. <i>Conservation Biology</i> , 2007, 21, 697-708.	4.7	186
2	Biosynthesis of monoterpene scent compounds in roses. <i>Science</i> , 2015, 349, 81-83.	12.6	177
3	Multivariate Analysis of Multiple Datasets: a Practical Guide for Chemical Ecology. <i>Journal of Chemical Ecology</i> , 2018, 44, 215-234.	1.8	86
4	Interdependent effects of habitat quality and climate on population growth of an endangered plant. <i>Journal of Ecology</i> , 2011, 99, 1211-1218.	4.0	77
5	Population viability analysis of <i>Cypripedium calceolus</i> in a protected area: longevity, stability and persistence. <i>Journal of Ecology</i> , 2005, 93, 716-726.	4.0	70
6	One-step identification of conserved miRNAs, their targets, potential transcription factors and effector genes of complete secondary metabolism pathways after 454 pyrosequencing of calyx cDNAs from the Labiate <i>Salvia sclarea</i> L. <i>Gene</i> , 2010, 450, 55-62.	2.2	52
7	Differential accumulation of volatile terpene and terpene synthase mRNAs during lavender ( <i>Lavandula angustifolia</i> ) and <i>L. x intermedia</i> ) inflorescence development. <i>Physiologia Plantarum</i> , 2010, 138, 150-163.	5.2	50
8	Isolation and functional characterization of a $\beta$ -cadinol synthase, a new sesquiterpene synthase from <i>Lavandula angustifolia</i> . <i>Plant Molecular Biology</i> , 2014, 84, 227-241.	3.9	48
9	Bornyl-diphosphate synthase from <i>Lavandula angustifolia</i> : A major monoterpene synthase involved in essential oil quality. <i>Phytochemistry</i> , 2017, 137, 24-33.	2.9	42
10	Extracellular Localization of the Diterpene Sclareol in Clary Sage ( <i>Salvia sclarea</i> L., Lamiaceae). <i>PLoS ONE</i> , 2012, 7, e48253.	2.5	35
11	A Promiscuous CYP706A3 Reduces Terpene Volatile Emission from Arabidopsis Flowers, Affecting Florivores and the Floral Microbiome. <i>Plant Cell</i> , 2019, 31, 2947-2972.	6.6	33
12	MSeasy: unsupervised and untargeted GC-MS data processing. <i>Bioinformatics</i> , 2012, 28, 2278-2280.	4.1	29
13	Contributions of Covariance: Decomposing the Components of Stochastic Population Growth in <i>Cypripedium calceolus</i> . <i>American Naturalist</i> , 2013, 181, 410-420.	2.1	21
14	Functional characterization of the eugenol synthase gene (RcEGS1) in rose. <i>Plant Physiology and Biochemistry</i> , 2018, 129, 21-26.	5.8	20
15	The reliability of individual vocal signature varies across the bonobo's graded repertoire. <i>Animal Behaviour</i> , 2020, 169, 9-21.	1.9	20
16	Lavender inflorescence. <i>Plant Signaling and Behavior</i> , 2010, 5, 749-751.	2.4	18
17	Structure of the Chemical and Genetic Diversity of the True Lavender over Its Natural Range. <i>Plants</i> , 2020, 9, 1640.	3.5	16
18	Conservation unit status inferred for plants by combining interspecific crosses and AFLP. <i>Conservation Genetics</i> , 2007, 8, 1273-1285.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Effects of management regimes and extreme climatic events on plant population viability in <i>Eryngium alpinum</i> . <i>Biological Conservation</i> , 2012, 147, 99-106.	4.1	14
20	Genome size and plastid trnK-matK markers give new insights into the evolutionary history of the genus <i>Lavandula</i> L.. <i>Plant Biosystems</i> , 2016, 150, 1216-1224.	1.6	14
21	A comparative study of terpene composition in different clades of the genus <i>Lavandula</i> . <i>Botany Letters</i> , 2018, 165, 494-505.	1.4	13
22	Acoustic monitoring of rock ptarmigan: A multi-year comparison with point-count protocol. <i>Ecological Indicators</i> , 2019, 101, 710-719.	6.3	13
23	Metabolomic study of volatile compounds emitted by lavender grown under open-field conditions: a potential approach to investigate the yellow decline disease. <i>Metabolomics</i> , 2020, 16, 31.	3.0	11
24	Development of a Headspace Solid-Phase Microextraction Gas Chromatography-Mass Spectrometry Method to Study Volatile Organic Compounds (VOCs) Emitted by Lavender Roots. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900280.	2.1	10
25	Genetic Diversity of <i>Cypripedium calceolus</i> at the Edge and in the Centre of Its Range in Europe. <i>Annales Botanici Fennici</i> , 2009, 46, 201-214.	0.1	9
26	Effect of Stage-Specific Vital Rates on Population Growth Rates and Effective Population Sizes in an Endangered Iteroparous Plant. <i>Conservation Biology</i> , 2012, 26, 208-217.	4.7	4
27	Lavender sensitivity to water stress: Comparison between eleven varieties across two phenological stages. <i>Industrial Crops and Products</i> , 2022, 177, 114531.	5.2	4
28	Tropospheric Ozone Alters the Chemical Signal Emitted by an Emblematic Plant of the Mediterranean Region: The True Lavender ( <i>Lavandula angustifolia</i> Mill.). <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	4