

# Ana Fita

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6529060/publications.pdf>

Version: 2024-02-01

70  
papers

1,399  
citations

361296

20  
h-index

360920

35  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1835  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conventional and Innovative Processing in the Stability of Glucosinolates. , 2022, , 411-460.		0
2	Growth and antioxidant responses triggered by water stress in wild relatives of eggplant. <i>Scientia Horticulturae</i> , 2022, 293, 110685.	1.7	17
3	Novel sources of resistance to powdery mildew ( <i>Leveillula taurica</i> (LÃ©v.) Arnaud) in pepper. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12354.	0.5	0
4	Potential In Vitro Inhibition of Selected Plant Extracts against SARS-CoV-2 Chymotrypsin-Like Protease (3CLPro) Activity. <i>Foods</i> , 2021, 10, 1503.	1.9	25
5	Seed coat lignification level is crucial in <i>Capsicum</i> spp seed longevity. <i>Physiologia Plantarum</i> , 2021, , e13600.	2.6	2
6	Variation in flavonoids in a collection of peppers ( <i>Capsicum</i> sp.) under organic and conventional cultivation: effect of the genotype, ripening stage, and growing system. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 2208-2223.	1.7	35
7	Factors affecting germination of <i>Diplotaxis eruroides</i> and their effect on selected quality properties of the germinated products. <i>Scientia Horticulturae</i> , 2020, 261, 109013.	1.7	9
8	Comparative Studies on the Physiological and Biochemical Responses to Salt Stress of Eggplant ( <i>Solanum melongena</i> ) and Its Rootstock <i>S. torvum</i> . <i>Agriculture (Switzerland)</i> , 2020, 10, 328.	1.4	18
9	Physiological and Molecular Characterization of Crop Resistance to Abiotic Stresses. <i>Agronomy</i> , 2020, 10, 1308.	1.3	22
10	Main Root Adaptations in Pepper Germplasm ( <i>Capsicum</i> spp.) to Phosphorus Low-Input Conditions. <i>Agronomy</i> , 2020, 10, 637.	1.3	5
11	Physiological and Biochemical Responses to Salt Stress in Cultivated Eggplant ( <i>Solanum melongena</i> L.) and in <i>S. insanum</i> L., a Close Wild Relative. <i>Agronomy</i> , 2020, 10, 651.	1.3	27
12	Hybridization in Peppers ( <i>Capsicum</i> spp.) to Improve the Volatile Composition in Fully Ripe Fruits: The Effects of Parent Combinations and Fruit Tissues. <i>Agronomy</i> , 2020, 10, 751.	1.3	7
13	Physiological and morphological characterisation of <i>Limonium</i> species in their natural habitats: Insights into their abiotic stress responses. <i>Plant and Soil</i> , 2020, 449, 267-284.	1.8	16
14	Large scale phenotyping and molecular analysis in a germplasm collection of rocket salad ( <i>Eruca</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2	0.6	8
15	Volatile Profile of Wall Rocket Baby-Leaves ( <i>Diplotaxis eruroides</i> ) Grown under Greenhouse: Main Compounds and Genotype Diversity. <i>Agronomy</i> , 2020, 10, 802.	1.3	4
16	Consumers acceptance and volatile profile of wall rocket ( <i>Diplotaxis eruroides</i> ). <i>Food Research International</i> , 2020, 132, 109008.	2.9	10
17	Phenomics of elite heirlooms of peppers ( <i>Capsicum annum</i> L.) from the Spanish centre of diversity: Conventional and high-throughput digital tools towards varietal typification. <i>Scientia Horticulturae</i> , 2020, 265, 109245.	1.7	13
18	Morphological Diversity and Bioactive Compounds in Wall Rocket ( <i>Diplotaxis eruroides</i> (L.) DC.). <i>Agronomy</i> , 2020, 10, 306.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Creating Products and Services in Plant Biotechnology. , 2019, , 19-52.		2
20	Comparative analysis of the responses to water stress in eggplant ( <i>Solanum melongena</i> ) cultivars. <i>Plant Physiology and Biochemistry</i> , 2019, 143, 72-82.	2.8	41
21	Potential of wall rocket ( <i>Diplotaxis erucoides</i> ) as a new crop: Influence of the growing conditions on the visual quality of the final product. <i>Scientia Horticulturae</i> , 2019, 258, 108778.	1.7	7
22	Genetic diversity, population structure, and relationships in a collection of pepper ( <i>Capsicum</i> spp.) landraces from the Spanish centre of diversity revealed by genotyping-by-sequencing (GBS). <i>Horticulture Research</i> , 2019, 6, 54.	2.9	61
23	Growing Conditions Affect the Phytochemical Composition of Edible Wall Rocket ( <i>Diplotaxis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	9
24	HS-SPME analysis of the volatiles profile of water celery ( <i>Apium nodiflorum</i> ), a wild vegetable with increasing culinary interest. <i>Food Research International</i> , 2019, 121, 765-775.	2.9	13
25	First successful backcrossing towards eggplant ( <i>Solanum melongena</i> ) of a New World species, the silverleaf nightshade ( <i>S. elaeagnifolium</i> ), and characterization of interspecific hybrids and backcrosses. <i>Scientia Horticulturae</i> , 2019, 246, 563-573.	1.7	32
26	Wild edible fool's watercress, a potential crop with high nutraceutical properties. <i>PeerJ</i> , 2019, 7, e6296.	0.9	8
27	INTRODUCTION AND DEVELOPMENT OF A PRACTICAL LESSON FOR IMPROVING THE COMPETENCE OF MASTER STUDENTS IN PLANT BREEDING: THE USEFULNESS OF SPECIFIC SOFTWARE IN PHENOTYPING TASKS. <i>INTED Proceedings</i> , 2019, , .	0.0	0
28	INTRODUCTION OF A PRACTICAL LESSON FOR THE EVALUATION OF BIOACTIVE QUALITY IN PLANT MATERIALS ADDRESSED TO STUDENTS IN PLANT BREEDING. , 2019, , .		0
29	IMPROVING THE SPECIFIC COMPETENCES OF MASTER STUDENTS IN BREEDING SCIENCE: INTRODUCTION OF A PRACTICAL LESSON FOR ASSESSING BIOAVAILABILITY OF TARGET MOLECULES. , 2019, , .		0
30	INTRODUCTION OF A PRACTICAL LESSON FOR THE EVALUATION OF CAROTENOIDS IN FRUITS AND VEGETABLES FOR MASTER STUDENTS. , 2019, , .		0
31	In vitro germination and growth protocols of the ornamental <i>Lophophora williamsii</i> (Lem.) Coult. as a tool for protecting endangered wild populations. <i>Scientia Horticulturae</i> , 2018, 237, 120-127.	1.7	8
32	Crosstalk scion-rootstock modifies root architecture in pepper rootstocks. <i>Journal of Biotechnology</i> , 2018, 280, S86.	1.9	0
33	Different Root Morphological Responses to Phosphorus Supplies in Grafted Pepper. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2018, 75, 59-61.	0.2	5
34	Genetic Diversity Analysis and Phylogenetic Relationship among a Representative Collection of Spanish Pepper ( <i>Capsicum annuum</i> ) Landraces. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2018, 75, 11-14.	0.2	0
35	Spectral Characterization of Difuse Par Irradiance under Tipuana Tipu Shading. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2018, 75, 19-20.	0.2	0
36	Characterization of the Spectrum of Solar Irradiance under Different Crop Protection Coverings in Mediterranean Conditions and Effect on the Interception of Photosynthetically Active Radiation. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2018, 47, 441-449.	0.5	1

#	ARTICLE	IF	CITATIONS
37	Response to organic cultivation of heirloom Capsicum peppers: Variation in the level of bioactive compounds and effect of ripening. PLoS ONE, 2018, 13, e0207888.	1.1	33
38	Spectral comparison of diffuse PAR irradiance under different tree and shrub shading conditions and in cloudy days. Journal of Photochemistry and Photobiology B: Biology, 2018, 189, 274-282.	1.7	4
39	Effect of Glasshouse Maintenance on the Quality of Irradiance Spectrum under Mediterranean Climates. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2018, 75, 21-22.	0.2	0
40	IMPROVING ACTIVITIES TO DEVELOP SOFT SKILLS USING FLIPPED TEACHING IN HIGHER EDUCATION. , 2018, , .		0
41	PROJECT-DESIGN AS AN ACTIVE-LEARNING METHODOLOGY IN BIOTECHNOLOGY. , 2018, , .		0
42	Introgresionomics: a new approach for using crop wild relatives in breeding for adaptation to climate change. Euphytica, 2017, 213, 1.	0.6	154
43	Use of Molecular Markers to Assist the Development of Inbred Lines under Open Field Conditions: the Case of Criollo Peppers ( <i>Capsicum annum</i> L.) from Mexico. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2017, 45, 365-368.	0.5	2
44	Influence of the Growing Conditions in the Content of Vitamin C in <i>Diplotaxis erucoides</i> . Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2017, 74, 144.	0.2	2
45	Angolan vegetable crops have unique genotypes of potential value for future breeding programmes. South African Journal of Science, 2016, 112, 12.	0.3	0
46	Use of synchronous e-learning at university degrees. Computer Applications in Engineering Education, 2016, 24, 982-993.	2.2	9
47	Interspecific Hybridization between Eggplant and Wild Relatives from Different Gene Pools. Journal of the American Society for Horticultural Science, 2016, 141, 34-44.	0.5	89
48	Drought Tolerance Among Accessions of Eggplant and Related Species. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2015, 72, .	0.2	2
49	Successful Wide Hybridization and Introgression Breeding in a Diverse Set of Common Peppers ( <i>Capsicum annum</i> ) Using Different Cultivated <i>AjÃ</i> ( <i>C. baccatum</i> ) Accessions as Donor Parents. PLoS ONE, 2015, 10, e0144142.	1.1	40
50	Breeding and Domesticating Crops Adapted to Drought and Salinity: A New Paradigm for Increasing Food Production. Frontiers in Plant Science, 2015, 6, 978.	1.7	263
51	On the introduction of Flipped teaching across multi-disciplinary fields. , 2015, , .		4
52	Phenological growth stages of pepino ( <i>Solanum muricatum</i> ) according to the BBCH scale. Scientia Horticulturae, 2015, 183, 1-7.	1.7	25
53	Characterization of a collection of local varieties of tomato ( <i>Solanum lycopersicum</i> L.) using conventional descriptors and the high-throughput phenomics tool Tomato Analyzer. Genetic Resources and Crop Evolution, 2015, 62, 189-204.	0.8	38
54	Improving seed germination of the eggplant rootstock <i>Solanum torvum</i> by testing multiple factors using an orthogonal array design. Scientia Horticulturae, 2015, 193, 174-181.	1.7	65

#	ARTICLE	IF	CITATIONS
55	Genetic diversity of wild populations of <i>Apium nodiflorum</i> . <i>Journal of Biotechnology</i> , 2015, 208, S111.	1.9	0
56	Characterization of composition traits related to organoleptic and functional quality for the differentiation, selection and enhancement of local varieties of tomato from different cultivar groups. <i>Food Chemistry</i> , 2015, 187, 517-524.	4.2	76
57	<i>Capsicum</i> root diversity for improved tolerance to abiotic stresses. <i>Journal of Biotechnology</i> , 2014, 185, S117.	1.9	0
58	HS-SPME study of the volatile fraction of <i>Capsicum</i> accessions and hybrids in different parts of the fruit. <i>Scientia Horticulturae</i> , 2012, 135, 87-97.	1.7	35
59	Root transcriptional responses of two melon genotypes with contrasting resistance to <i>Monosporascus cannonballus</i> (Pollack et Uecker) infection. <i>BMC Genomics</i> , 2012, 13, 601.	1.2	16
60	Diversity in Expression of Phosphorus (P) Responsive Genes in <i>Cucumis melo</i> L. <i>PLoS ONE</i> , 2012, 7, e35387.	1.1	18
61	Breeding strategies for improving the performance and fruit quality of the pepino ( <i>Solanum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF International, 2011, 44, 1927-1935.	2.9	26
62	Diversity in root architecture and response to P deficiency in seedlings of <i>Cucumis melo</i> L.. <i>Euphytica</i> , 2011, 181, 323-339.	0.6	25
63	â€Piel de Sapoâ€™™ Breeding Lines Tolerant to Melon Vine Decline. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 1458-1460.	0.5	10
64	<i>Cucumis melo</i> L. New Breeding Lines Tolerant to Melon Vine Decline. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 2022-2024.	0.5	4
65	Quantitative detection of <i>Monosporascus cannonballus</i> in infected melon roots using real-time PCR. <i>European Journal of Plant Pathology</i> , 2008, 120, 147-156.	0.8	9
66	Effects of root architecture on response to melon vine decline. <i>Journal of Horticultural Science and Biotechnology</i> , 2008, 83, 616-623.	0.9	5
67	Genetics of Root System Architecture Using Near-isogenic Lines of Melon. <i>Journal of the American Society for Horticultural Science</i> , 2008, 133, 448-458.	0.5	20
68	Implications of the Genetics of Root Structure in Melon Breeding. <i>Journal of the American Society for Horticultural Science</i> , 2006, 131, 372-379.	0.5	14
69	In Vitro Propagation of <i>Dierama latifolium</i> . <i>HortTechnology</i> , 1985, 20, 1049-1050.	0.5	4
70	Using genetics to improve stress resistance through altering root architecture.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , .	0.6	0