

Erika Sabella

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Xylella fastidiosa induces differential expression of lignification related-genes and lignin accumulation in tolerant olive trees cv. Leccino. Journal of Plant Physiology, 2018, 220, 60-68.	1.6	83
2	Advances in Plant Disease Detection and Monitoring: From Traditional Assays to In-Field Diagnostics. Sensors, 2021, 21, 2129.	2.1	76
3	Specification and implementation of a continuous microwave-assisted system for paste malaxation in an olive oil extraction plant. Biosystems Engineering, 2014, 125, 24-35.	1.9	55
4	Evaluation of Phytochemical and Antioxidant Properties of 15 Italian Olea europaea L. Cultivar Leaves. Molecules, 2019, 24, 1998.	1.7	53
5	Phenolic Profile and Antioxidant Activity of Italian Monovarietal Extra Virgin Olive Oils. Antioxidants, 2019, 8, 161.	2.2	51
6	Specific Fluorescence in Situ Hybridization (FISH) Test to Highlight Colonization of Xylem Vessels by Xylella fastidiosa in Naturally Infected Olive Trees (Olea europaea L.). Frontiers in Plant Science, 2018, 9, 431.	1.7	47
7	Xylem cavitation susceptibility and refilling mechanisms in olive trees infected by Xylella fastidiosa. Scientific Reports, 2019, 9, 9602.	1.6	42
8	Cadmium Concentration in Grains of Durum Wheat (<i>Triticum turgidum</i> L. subsp. <i>durum</i>). Journal of Agricultural and Food Chemistry, 2017, 65, 6240-6246.	2.4	39
9	The Xylella fastidiosa-Resistant Olive Cultivar "Leccino" Has Stable Endophytic Microbiota during the Olive Quick Decline Syndrome (OQDS). Pathogens, 2020, 9, 35.	1.2	39
10	Plant innovation in the olive oil extraction process: A comparison of efficiency and energy consumption between microwave treatment and traditional malaxation of olive pastes. Journal of Food Engineering, 2015, 146, 44-52.	2.7	38
11	Development of a lab-on-a-chip method for rapid assay of Xylella fastidiosa subsp. pauca strain CoDiRO. Scientific Reports, 2018, 8, 7376.	1.6	34
12	Phytochemical Profiles and Antioxidant Activity of Salvia species from Southern Italy. Records of Natural Products, 2019, 13, 205-215.	1.3	34
13	Drought and Heat Differentially Affect XTH Expression and XET Activity and Action in 3-Day-Old Seedlings of Durum Wheat Cultivars with Different Stress Susceptibility. Frontiers in Plant Science, 2016, 7, 1686.	1.7	30
14	Activation of a gene network in durum wheat roots exposed to cadmium. BMC Plant Biology, 2018, 18, 238.	1.6	30
15	Impact of Climate Change on Durum Wheat Yield. Agronomy, 2020, 10, 793.	1.3	29
16	Machining effects of different mechanical crushers on pit particle size and oil drop distribution in olive paste. European Journal of Lipid Science and Technology, 2015, 117, 1271-1279.	1.0	28
17	Accumulation of Azelaic Acid in Xylella fastidiosa-Infected Olive Trees: A Mobile Metabolite for Health Screening. Phytopathology, 2019, 109, 318-325.	1.1	24
18	Antioxidant Activity and Anthocyanin Contents in Olives (cv Cellina di Nard ²) during Ripening and after Fermentation. Antioxidants, 2019, 8, 138.	2.2	23

#	ARTICLE	IF	CITATIONS
19	Molecular Effects of <i>Xylella fastidiosa</i> and Drought Combined Stress in Olive Trees. <i>Plants</i> , 2019, 8, 437.	1.6	22
20	Combined Effect of Cadmium and Lead on Durum Wheat. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5891.	1.8	21
21	Screening of Olive Biodiversity Defines Genotypes Potentially Resistant to <i>Xylella fastidiosa</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 723879.	1.7	20
22	Phylogenetic analysis of viruses in Tuscan <i>Vitis vinifera sylvestris</i> (Gmel.) Hegi. <i>PLoS ONE</i> , 2018, 13, e0200875.	1.1	17
23	Biochemical Changes in Leaves of <i>Vitis vinifera</i> cv. Sangiovese Infected by Bois Noir Phytoplasma. <i>Pathogens</i> , 2020, 9, 269.	1.2	17
24	<i>Arthrinium phaeospermum</i> isolated from <i>Tuber borchii</i> ascomata: the first evidence for a "Mycorrhization Helper Fungus". <i>Mycological Progress</i> , 2015, 14, 1.	0.5	14
25	Grafting response to excess boron and expression analysis of genes coding boron transporters in tomato. <i>Plant Biology</i> , 2017, 19, 728-735.	1.8	10
26	Increase in ring width, vessel number and $\delta^{18}O$ in olive trees infected with <i>Xylella fastidiosa</i> . <i>Tree Physiology</i> , 2020, 40, 1583-1594.	1.4	10
27	Molecular Responses to Cadmium Exposure in Two Contrasting Durum Wheat Genotypes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7343.	1.8	10
28	<i>Xylella fastidiosa</i> and Drought Stress in Olive Trees: A Complex Relationship Mediated by Soluble Sugars. <i>Biology</i> , 2022, 11, 112.	1.3	10
29	Glutathione S-transferase related detoxification processes are correlated with receptor-mediated vacuolar sorting mechanisms. <i>Plant Cell Reports</i> , 2017, 36, 1361-1373.	2.8	9
30	Secondary Metabolites in <i>Xylella fastidiosa</i> -Plant Interaction. <i>Pathogens</i> , 2020, 9, 675.	1.2	9
31	Effects of Cadmium on Root Morpho-Physiology of Durum Wheat. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	9
32	Detection of Ampelovirus and Nepovirus by Lab-on-a-Chip: A Promising Alternative to ELISA Test for Large Scale Health Screening of Grapevine. <i>Biosensors</i> , 2022, 12, 147.	2.3	7
33	Phenolic characterization of olive genotypes potentially resistant to <i>Xylella</i> . <i>Journal of Plant Interactions</i> , 2022, 17, 462-474.	1.0	5
34	<i>Salvia clandestina</i> L.: unexploited source of danshensu. <i>Natural Product Research</i> , 2019, 33, 439-442.	1.0	4
35	Effects of modulation of potassium channels in tobacco mosaic virus elimination. <i>Physiological and Molecular Plant Pathology</i> , 2018, 102, 180-184.	1.3	3
36	Early trans-plasma membrane responses to Tobacco mosaic virus infection. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	1.0	2

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37	Tuber borchii Vitt. mycorrhiza protects Cistus creticus L. from heavy metal toxicity. Environmental and Experimental Botany, 2016, 130, 181-188.	2.0	1