Elena Baraldi

List of Publications by Year
in descending order

58 papers	2,138 citations	257450 24 h-index	233421 45 g-index
60 all docs	60 docs citations	60 times ranked	2622 citing authors

#	Article	IF	Citations
1	Structure of the WW domain of a kinase-associated protein complexed with a proline-rich peptide. Nature, 1996, 382, 646-649.	27.8	426
2	Structure of the PH domain from Bruton's tyrosine kinase in complex with inositol 1,3,4,5-tetrakisphosphate. Structure, 1999, 7, 449-460.	3.3	197
3	The PH superfold: a structural scaffold for multiple functions. Trends in Biochemical Sciences, 1999, 24, 441-445.	7.5	175
4	Studies on thiabendazole resistance of Penicillium expansum of pears: pathogenic fitness and genetic characterization. Plant Pathology, 2003, 52, 362-370.	2.4	101
5	<i>Colletotrichum acutatum</i> interactions with unripe and ripe strawberry fruits and differential responses at histological and transcriptional levels. Plant Pathology, 2011, 60, 685-697.	2.4	87
6	The RNA Hydrolysis and the Cytokinin Binding Activities of PR-10 Proteins Are Differently Performed by Two Isoforms of the Pru p 1 Peach Major Allergen and Are Possibly Functionally Related. Plant Physiology, 2009, 150, 1235-1247.	4.8	66
7	Transcriptome Profiles of Strawberry (Fragaria vesca) Fruit Interacting With Botrytis cinerea at Different Ripening Stages. Frontiers in Plant Science, 2019, 10, 1131.	3.6	54
8	Aureobasidium pullulans volatile organic compounds as alternative postharvest method to control brown rot of stone fruits. Food Microbiology, 2020, 87, 103395.	4.2	49
9	Susceptibility of apricot and peach fruit to Monilinia laxa during phenological stages. Postharvest Biology and Technology, 2003, 30, 105-109.	6.0	44
10	Transient transformation meets gene function discovery: the strawberry fruit case. Frontiers in Plant Science, 2015, 6, 444.	3.6	44
11	Molecular analysis of the early interaction between the grapevine flower and <scp><i>Botrytis cinerea</i></scp> reveals that prompt activation of specific host pathways leads to fungus quiescence. Plant, Cell and Environment, 2017, 40, 1409-1428.	5.7	44
12	Effect of Aureobasidium pullulans strains against Botrytis cinerea on kiwifruit during storage and on fruit nutritional composition. Food Microbiology, 2018, 72, 67-72.	4.2	44
13	Polyphenols Variation in Fruits of the Susceptible Strawberry Cultivar Alba during Ripening and upon Fungal Pathogen Interaction and Possible Involvement in Unripe Fruit Tolerance. Journal of Agricultural and Food Chemistry, 2016, 64, 1869-1878.	5.2	43
14	Biotechnological Approaches: Gene Overexpression, Gene Silencing, and Genome Editing to Control Fungal and Oomycete Diseases in Grapevine. International Journal of Molecular Sciences, 2020, 21, 5701.	4.1	39
15	Identification and Characterization of the Defensin-Like Gene Family of Grapevine. Molecular Plant-Microbe Interactions, 2012, 25, 1118-1131.	2.6	38
16	Does RNAi-Based Technology Fit within EU Sustainability Goals?. Trends in Biotechnology, 2021, 39, 644-647.	9.3	38
17	RNA Interference Strategies for Future Management of Plant Pathogenic Fungi: Prospects and Challenges. Plants, 2021, 10, 650.	3.5	36
18	Peracetic Acid and Chlorine Dioxide for Postharvest Control of Monilinia laxa in Stone Fruits. Plant Disease, 1999, 83, 773-776.	1.4	33

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19	Conformational stability studies of the pleckstrin DEP domain: definition of the domain boundaries. BBA - Proteins and Proteomics, 1998, 1385, 157-164.	2.1	32
20	Respiration, hydrogen peroxide levels and antioxidant enzyme activities during cold storage of zucchini squash fruit. Postharvest Biology and Technology, 2009, 52, 16-23.	6.0	31
21	Effect of innovative pre-treatments on the mitigation of acrylamide formation in potato chips. Innovative Food Science and Emerging Technologies, 2020, 64, 102397.	5.6	31
22	Different Antifungal Activity of Anabaena sp., Ecklonia sp., and Jania sp. against Botrytis cinerea. Marine Drugs, 2019, 17, 299.	4.6	30
23	Activities of Aureobasidium pullulans cell filtrates against Monilinia laxa of peaches. Microbiological Research, 2015, 181, 61-67.	5.3	28
24	Development and validation of a real-time PCR assay for detection and quantification of Tuber magnatum in soil. BMC Microbiology, 2012, 12, 93.	3.3	27
25	Dual Transcriptome and Metabolic Analysis of Vitis vinifera cv. Pinot Noir Berry and Botrytis cinerea During Quiescence and Egressed Infection. Frontiers in Plant Science, 2019, 10, 1704.	3.6	26
26	Structure of a PH Domain from the C. elegans Muscle Protein UNC-89 Suggests a Novel Function. Structure, 2000, 8, 1079-1087.	3.3	25
27	Gene expression analysis of peach fruit at different growth stages and with different susceptibility to Monilinia laxa. European Journal of Plant Pathology, 2014, 140, 503-513.	1.7	25
28	Use of algae in strawberry management. Journal of Applied Phycology, 2018, 30, 3551-3564.	2.8	25
29	Molecular characterization of the two postharvest biological control agents Aureobasidium pullulans L1 and L8. Biological Control, 2018, 123, 53-59.	3.0	23
30	The <i>mannoseâ€binding lectin</i> gene <i><scp>FaMBL1</scp></i> is involved in the resistance of unripe strawberry fruits to <i><scp>C</scp>olletotrichum acutatum</i>. Molecular Plant Pathology, 2014, 15, 832-840.	4.2	22
31	Genetic Diversity Between Botrytis cinerea Isolates from Unstored and Cold Stored Kiwi fruit. Journal of Phytopathology, 2002, 150, 629-635.	1.0	21
32	First Report of Asiatic Brown Rot Caused by <i>Monilinia polystroma</i> on Peach in Italy. Plant Disease, 2014, 98, 1585-1585.	1.4	21
33	Vv<scp>AMP</scp>2, a grapevine flowerâ€specific defensin capable of inhibiting <i><scp>B</scp>otrytis cinerea</i> growth: insights into its mode of action. Plant Pathology, 2014, 63, 899-910.	2.4	20
34	How siderophore production can influence the biocontrol activity of Aureobasidium pullulans against Monilinia laxa on peaches. Biological Control, 2021, 152, 104456.	3.0	18
35	Double-Stranded RNA Targeting Dicer-Like Genes Compromises the Pathogenicity of Plasmopara viticola on Grapevine. Frontiers in Plant Science, 2021, 12, 667539.	3.6	18
36	Reduction of acrylamide formation in fried potato chips by Aureobasidum pullulans L1 strain. International Journal of Food Microbiology, 2019, 289, 168-173.	4.7	17

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37	The activity of plant inner membrane anion channel (PIMAC) can be performed by a chloride channel (CLC) protein in mitochondria from seedlings of maize populations divergently selected for cold tolerance. Journal of Bioenergetics and Biomembranes, 2011, 43, 611-621.	2.3	16
38	Study of the efficacy of <i>Aureobasidium</i> strains belonging to three different species: <i>A</i>. <scp><i>pullulans</i></scp>, <i>A. subglaciale</i> and <i>A. melanogenum</i> against <i>Botrytis cinerea</i> of tomato. Annals of Applied Biology, 2020, 177, 266-275.	2.5	16
39	The peach (<i>Prunus persica</i>) defensin PpDFN1 displays antifungal activity through specific interactions with the membrane lipids. Plant Pathology, 2013, 62, 393-403.	2.4	15
40	Management of Post-Harvest Anthracnose: Current Approaches and Future Perspectives. Plants, 2022, 11, 1856.	3.5	15
41	Game-changing alternatives to conventional fungicides: small RNAs and short peptides. Trends in Biotechnology, 2022, 40, 320-337.	9.3	14
42	Induced expression of the Fragaria Ã— ananassa Rapid alkalinization factorâ€33â€like gene decreases anthracnose ontogenic resistance of unripe strawberry fruit stages. Molecular Plant Pathology, 2019, 20, 1252-1263.	4.2	13
43	Identification and Kinetic Characterization of HtDTC, The Mitochondrial Dicarboxylateâ€"Tricarboxylate Carrier of Jerusalem Artichoke Tubers. Journal of Bioenergetics and Biomembranes, 2006, 38, 57-65.	2.3	11
44	Post-Harvest Non-Conventional and Traditional Methods to Control Cadophora luteo-olivacea: Skin Pitting Agent of Actinidia chinensis var. deliciosa (A. Chev.). Horticulturae, 2021, 7, 169.	2.8	8
45	The Activity of the Plant Mitochondrial Inner Membrane Anion Channel (PIMAC) of Maize Populations Divergently Selected for Cold Tolerance Level is Differentially Dependent on the Growth Temperature of Seedlings. Plant and Cell Physiology, 2011, 52, 193-204.	3.1	7
46	Genomic structure and transcript analysis of the Rapid Alkalinization Factor (RALF) gene family during host-pathogen crosstalk in Fragaria vesca and Fragaria x ananassa strawberry. PLoS ONE, 2020, 15, e0226448.	2.5	7
47	Application of <i>Aureobasidium pullulans</i> in ironâ€poor soil. Can the production of siderophores improve iron bioavailability and yeast antagonistic activity?. Annals of Applied Biology, 2022, 180, 398-406.	2.5	6
48	Unfoldome variation upon plant-pathogen interactions: strawberry infection by Colletotrichum acutatum. Plant Molecular Biology, 2015, 89, 49-65.	3.9	3
49	Characterizing the interaction between <i>Botrytis cinerea</i> and grapevine inflorescences. Acta Horticulturae, 2016, , 29-36.	0.2	2
50	Biological Control of Postharvest Diseases by Microbial Antagonists. Progress in Biological Control, 2020, , 243-261.	0.5	2
51	Ripe indexes, hot water treatments, and biocontrol agents as synergistic combination to control apple bullâ€™s eye rot. Biocontrol Science and Technology, 2022, 32, 1016-1026.	1.3	2
52	Editorial: Interplay Between Fungal Pathogens and Fruit Ripening. Frontiers in Plant Science, 2020, 11, 275.	3.6	1
53	Heat treatment effect on <i>Cadophora luteoâ€olivacea</i> of kiwifruit. Plant Pathology, 2022, 71, 644-653.	2.4	1
54	Editorial: Advances and Challenges of RNAi Based Technologies for Plantsâ€"Volume 2. Frontiers in Plant Science, 0, 13, .	3.6	1

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55	Title is missing!. , 2020, 15, e0226448.		0
56	Title is missing!. , 2020, 15, e0226448.		0
57	Title is missing!. , 2020, 15, e0226448.		0
58	Title is missing!. , 2020, 15, e0226448.		0