Francesco Ferranti

List of Publications by Year
in descending order

49	2,418	304743 22	206112 48
papers	citations	h-index	g-index

49	49	49	2912
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ozone Quenching Properties of Isoprene and Its Antioxidant Role in Leaves. Plant Physiology, 2001, 126, 993-1000.	4.8	284
2	Interaction between Nitric Oxide and Ethylene in the Induction of Alternative Oxidase in Ozone-Treated Tobacco Plants. Plant Physiology, 2006, 142, 595-608.	4.8	182
3	An H+ P-ATPase on the tonoplast determines vacuolar pH and flower colour. Nature Cell Biology, 2008, 10, 1456-1462.	10.3	178
4	Responses induced by high concentration of cadmium in Phragmites australis roots. Physiologia Plantarum, 2004, 121, 66-74.	5.2	157
5	Ozone-Induced Cell Death in Tobacco Cultivar Bel W3 Plants. The Role of Programmed Cell Death in Lesion Formation. Plant Physiology, 2003, 133, 1122-1134.	4.8	149
6	SERK and APOSTART. Candidate Genes for Apomixis in Poa pratensis. Plant Physiology, 2005, 138, 2185-2199.	4.8	148
7	Isoprene decreases the concentration of nitric oxide in leaves exposed to elevated ozone. New Phytologist, 2005, 166, 419-426.	7.3	135
8	Downregulation of the Petunia hybrida Î±-Expansin Gene PhEXP1 Reduces the Amount of Crystalline Cellulose in Cell Walls and Leads to Phenotypic Changes in Petal Limbs. Plant Cell, 2004, 16, 295-308.	6.6	134
9	NO release by nitric oxide donors in vitro and in planta. Plant Physiology and Biochemistry, 2009, 47, 42-48.	5.8	93
10	The influence of air temperature on the starting dates of the pollen season ofalnusandpopulus. Grana, 1991, 30, 196-200.	0.8	87
11	Impact of high ozone on isoprene emission, photosynthesis and histology of developing Populus alba leaves directly or indirectly exposed to the pollutant. Physiologia Plantarum, 2006, 128, 456-465.	5.2	86
12	Apospory and parthenogenesis may be uncoupled in Poa pratensis: a cytological investigation. Sexual Plant Reproduction, 2001, 14, 213-217.	2.2	78
13	Patterns of cell division and expansion in developing petals of Petunia hybrida. Sexual Plant Reproduction, 2002, 15, 123-132.	2.2	66
14	Salicylic acid modulates ozone-induced hypersensitive cell death in tobacco plants. Physiologia Plantarum, 2002, 115, 204-212.	5.2	58
15	Reproductive biology of Olive (Olea europaea L.) DOP Umbria cultivars. Sexual Plant Reproduction, 2006, 19, 151-161.	2.2	55
16	Morphological and cytological development and starch accumulation in hermaphrodite and staminate flowers of olive (Olea europaea L.). Sexual Plant Reproduction, 2009, 22, 109-119.	2.2	54
17	The role of air temperature in determining dormancy release and flowering ofCorylus avellana L.. Aerobiologia, 1992, 8, 415-418.	1.7	40
18	Productive and vegetative behavior of olive cultivars in super high-density olive grove. Scientia Agricola, 2015, 72, 20-27.	1.2	35

#	Article	IF	Citations
19	Morphological and histo-anatomical traits reflect die-back in Phragmites australis (Cav.) Steud.. Aquatic Botany, 2012, 103, 122-128.	1.6	28
20	Influence of leaf position, fruit and light availability on photosynthesis of two chestnut genotypes. Scientia Horticulturae, 2000, 85, 63-73.	3.6	27
21	Effects of leaf to fruit ratios on fruit growth in chestnut. Scientia Horticulturae, 2000, 85, 145-152.	3.6	26
22	Time linkages between pollination onsets of different taxa over an 11-year period in Perugia, Central Italy. Aerobiologia, 1995, 11, 57-61.	1.7	23
23	A Tonoplast P3B-ATPase Mediates Fusion of Two Types of Vacuoles in Petal Cells. Cell Reports, 2017, 19, 2413-2422.	6.4	23
24	Oomycete Communities Associated with Reed Die-Back Syndrome. Frontiers in Plant Science, 2017, 8, 1550.	3.6	21
25	AFLP Approach Reveals Variability in Phragmites australis: Implications for Its Die-Back and Evidence for Genotoxic Effects. Frontiers in Plant Science, 2018, 9, 386.	3.6	20
26	The Influence of Light on Olive (Olea europaea L.) Fruit Development Is Cultivar Dependent. Frontiers in Plant Science, 2019, 10, 385.	3.6	20
27	Volume changes in the pollen grain ofCorylus avellanaL. (Corylaceae) during development. Grana, 1997, 36, 289-292.	0.8	18
28	Histological investigation on gall development induced by a worldwide invasive pest,Dryocosmus kuriphilus, onCastanea sativa. Plant Biosystems, 2016, 150, 35-42.	1.6	18
29	Ovary Size in Wheat (Triticum aestivum L.) is Related to Cell Number. Crop Science, 2017, 57, 914-925.	1.8	18
30	Olive pollination: Flowers and pollen of two cultivars ofOlea europaea. New Zealand Journal of Crop and Horticultural Science, 2003, 31, 159-168.	1.3	17
31	Demographic and macro-morphological evidence for common reed dieback in central Italy. Plant Ecology and Diversity, 2017, 10, 241-251.	2.4	17
32	Effects of ozone on morpho-anatomy and physiology of Hedera helix. Chemosphere, 1998, 36, 651-656.	8.2	16
33	cGMP in ozone and NO dependent responses. Plant Signaling and Behavior, 2008, 3, 36-37.	2.4	15
34	Cloning and expression analysis of aPetunia hybridaflower specific mitotic-like cyclin. FEBS Letters, 1999, 462, 211-215.	2.8	14
35	Applying predictive models to decipher rhizobacterial modifications in common reed die-back affected populations. Science of the Total Environment, 2018, 642, 708-722.	8.0	14
36	Effects of tree shelters on young olive (Olea europaea) tree growth and physiology. New Zealand Journal of Crop and Horticultural Science, 2007, 35, 303-312.	1.3	12

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37	Influence of sink competition on peduncle histogenesis in kiwifruit. New Zealand Journal of Crop and Horticultural Science, 1991, 19, 433-439.	1.3	11
38	Spatial landscape patterns and trends of declining reed-beds in peninsular Italy. Plant Biosystems, 2019, 153, 427-435.	1.6	8
39	Male sterility in birdsfoot trefoil (Lotus corniculatus L.). Sexual Plant Reproduction, 1989, 2, 150.	2.2	6
40	Some morphometric, anatomical and biochemical characteristics of fruits and seeds ofOnobrychisspp. in Italy. Plant Biosystems, 2000, 134, 91-98.	1.6	6
41	Isolation and expression analysis of organelle genes involved in the development of olive flowers (Olea europaeaL.). Plant Biosystems, 2010, 144, 733-739.	1.6	5
42	Microsporogenesis and Dormancy Period in Some Arboreal Species. Giornale Botanico Italiano (Florence, Italy: 1962), 1996, 130, 319-319.	0.0	4
43	Cytohistological Analysis and Mobilization of Reserves in Jatropha curcas L. Seed. Crop Science, 2012, 52, 830-835.	1.8	4
44	Claviceps arundinis identification and its role in the die-back syndrome of Phragmites australis populations in central Italy. Plant Biosystems, 2018, 152, 818-824.	1.6	3
45	Influence of die-back syndrome on reproductive strategies within Phragmites australis populations. Plant Biosystems, 2019, 153, 250-256.	1.6	2
46	Variation in the fatty acid composition of developing seeds of rapeseed. Experientia, 1984, 40, 256-257.	1.2	1
47	Changes in protein and carbohydrate content during development of seeds and siliquas of rapeseed (Brassica napus L.). Giornale Botanico Italiano (Florence, Italy: 1962), 1984, 118, 137-145.	0.0	1
48	INFLUENCE OF LEAF POSITION, FRUIT AND LIGHT AVAILABILITY ON PHOTOSYNTHESIS IN DIFFERENT CHESTNUT GENOTYPES. Acta Horticulturae, 1999, , 179-186.	0.2	1
49	Cytology and Ultrastructure of High Pressure Frozen Rapeseed Ovules during the Fertilization Process. Giornale Botanico Italiano (Florence, Italy: 1962), 1996, 130, 401-401.	0.0	0