Federico Sebastiani

List of Publications by Year
in descending order

38 papers	2,486 citations	236833 25 h-index	345118 36 g-index
38 all docs	38 docs citations	38 times ranked	3769 citing authors

#	Article	IF	Citations
1	Resistance to Arsenite and Arsenate in Saccharomyces cerevisiae Arises through the Subtelomeric Expansion of a Cluster of Yeast Genes. International Journal of Environmental Research and Public Health, 2022, 19, 8119.	1.2	5
2	Unveiling the shade nature of cyanic leaves: A view from the â€œblue absorbing sideâ€•of anthocyanins. Plant, Cell and Environment, 2021, 44, 1119-1129.	2.8	31
3	Are Flavonoids Effective Antioxidants in Plants? Twenty Years of Our Investigation. Antioxidants, 2020, 9, 1098.	2.2	133
4	Phenotypic plasticity of two M. oleifera ecotypes from different climatic zones under water stress and re-watering. , 2020, 8, coaa028.		4
5	Comparative transcriptional and metabolic responses of Pinus pinea to a native and a non-native Heterobasidion species. Tree Physiology, 2019, 39, 31-44.	1.4	6
6	Environmental pollution effects on plant microbiota: the case study of poplar bacterial-fungal response to silver nanoparticles. Applied Microbiology and Biotechnology, 2019, 103, 8215-8227.	1.7	21
7	Dissecting Adaptation Mechanisms to Contrasting Solar Irradiance in the Mediterranean Shrub Cistus incanus. International Journal of Molecular Sciences, 2019, 20, 3599.	1.8	7
8	The influence of a relict distribution on genetic structure and variation in the Mediterranean tree,Platanus orientalis. AoB PLANTS, 2019, 11, plz002.	1.2	10
9	Review: ABA, flavonols, and the evolvability of land plants. Plant Science, 2019, 280, 448-454.	1.7	67
10	Plants for Sustainable Improvement of Indoor Air Quality. Trends in Plant Science, 2018, 23, 507-512.	4.3	95
11	Modulation of Phytohormone Signaling: A Primary Function of Flavonoids in Plantâ€“Environment Interactions. Frontiers in Plant Science, 2018, 9, 1042.	1.7	134
12	Dissecting molecular and physiological response mechanisms to high solar radiation in cyanic and acyanic leaves: a case study on red and green basil. Journal of Experimental Botany, 2017, 68, 2425-2437.	2.4	42
13	Multispecies genetic structure and hybridization in the Betula genus across Eurasia. Molecular Ecology, 2017, 26, 589-605.	2.0	67
14	De Novo Assembly and Comparative Transcriptome Analyses of Red and Green Morphs of Sweet Basil Grown in Full Sunlight. PLoS ONE, 2016, 11, e0160370.	1.1	25
15	Molecular Proxies for Climate Maladaptation in a Long-Lived Tree (Pinus pinasterAiton,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.2	78
16	Isoprenoids and phenylpropanoids are key components of the antioxidant defense system of plants facing severe excess light stress. Environmental and Experimental Botany, 2015, 119, 54-62.	2.0	107
17	RNA-Seq Analysis of Quercus pubescens Leaves: De Novo Transcriptome Assembly, Annotation and Functional Markers Development. PLoS ONE, 2014, 9, e112487.	1.1	49
18	Molecular genetic diversity of Punica granatum L. (pomegranate) as revealed by microsatellite DNA markers (SSR). Gene, 2012, 493, 105-112.	1.0	49

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19	Molecular Footprints of Local Adaptation in Two Mediterranean Conifers. Molecular Biology and Evolution, 2011, 28, 101-116.	3.5	172
20	A sample view of the pedunculate oak (Quercus robur) genome from the sequencing of hypomethylated and random genomic libraries. Tree Genetics and Genomes, 2011, 7, 1277-1285.	0.6	7
21	Isolation of SSR markers for two African tropical tree species, Erythrophleum suaveolens and E. ivorense (Caesalpinioideae). American Journal of Botany, 2011, 98, e106-8.	0.8	9
22	Genetic effects of chronic habitat fragmentation revisited: Strong genetic structure in a temperate tree, Taxus baccata (Taxaceae), with great dispersal capability. American Journal of Botany, 2010, 97, 303-310.	0.8	94
23	A fast and cost-effective approach to develop and map EST-SSR markers: oak as a case study. BMC Genomics, 2010, 11, 570.	1.2	144
24	High genetic variation in marginal fragmented populations at extreme climatic conditions of the Patagonian Cypress Austrocedrus chilensis. Molecular Phylogenetics and Evolution, 2010, 54, 941-949.	1.2	32
25	Isolation of microsatellite markers for the common Mediterranean shrub Myrtus communis (Myrtaceae). American Journal of Botany, 2010, 97, e23-5.	0.8	15
26	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2009â€“30 November 2009. Molecular Ecology Resources, 2010, 10, 404-408.	2.2	84
27	New proteins orthologous to cerato-platanin in various Ceratocystis species and the purification and characterization of cerato-populin from Ceratocystis populicola. Applied Microbiology and Biotechnology, 2009, 84, 309-322.	1.7	28
28	Variation in the chloroplast DNA of Swiss stone pine (Pinus cembraL.) reflects contrasting postâ€glacial history of populations from the Carpathians and the Alps. Journal of Biogeography, 2009, 36, 1798-1806.	1.4	44
29	Patterns of polymorphism resulting from longâ€range colonization in the Mediterranean conifer Aleppo pine. New Phytologist, 2009, 184, 1016-1028.	3.5	66
30	Isolation and characterization of polymorphic nuclear microsatellite loci in Taxus baccata L.. Conservation Genetics, 2008, 9, 1665-1668.	0.8	39
31	GENETICALLY DEPAUPERATE BUT WIDESPREAD: THE CASE OF AN EMBLEMATIC MEDITERRANEAN PINE. Evolution; International Journal of Organic Evolution, 2008, 62, 680-688.	1.1	128
32	Development of highly polymorphic tetranucleotide microsatellite markers in Austrocedrus chilensis. Molecular Ecology Resources, 2008, 8, 887-889.	2.2	3
33	Range-wide phylogeography and gene zones in Pinus pinaster Ait. revealed by chloroplast microsatellite markers. Molecular Ecology, 2007, 16, 2137-2153.	2.0	129
34	RAPD-derived, PCR-based mitochondrial markers for Larix species and their usefulness in phylogeny. Conservation Genetics, 2006, 7, 621-625.	0.8	13
35	Relaxed Molecular Clock Provides Evidence for Long-Distance Dispersal of Nothofagus (Southern) Tj ETQq1 1 0.784314 rgBT /Overloc	2.6	177
36	A Genome Phylogeny for Mitochondria Among Â-Proteobacteria and a Predominantly Eubacterial Ancestry of Yeast Nuclear Genes. Molecular Biology and Evolution, 2004, 21, 1643-1660.	3.5	307

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37	Crosses between Saccharomyces cerevisiae and Saccharomyces bayanus generate fertile hybrids. Research in Microbiology, 2002, 153, 53-58.	1.0	56
38	Conservation biology of the last Italian population of Cistus laurifolius (Cistaceae): demographic structure, reproductive success and population genetics. Nature Conservation, 0, 22, 169-190.	0.0	9