

Simone Landi

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

782
citations

623734

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552781

26
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34
all docs

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docs citations

34
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Poaceae vs. Abiotic Stress: Focus on Drought and Salt Stress, Recent Insights and Perspectives. <i>Frontiers in Plant Science</i> , 2017, 8, 1214.	3.6	99
2	Glucose-6-phosphate dehydrogenase plays a central role in the response of tomato (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70. <i>Plant Physiology</i> , 2017, 150, 79-89.	5.8	85
3	Improving Plant Water Use Efficiency through Molecular Genetics. <i>Horticulturae</i> , 2017, 3, 31.	2.8	73
4	Whole-genome re-sequencing of two Italian tomato landraces reveals sequence variations in genes associated with stress tolerance, fruit quality and long shelf-life traits. <i>DNA Research</i> , 2018, 25, 149-160.	3.4	68
5	Expression and characterization of a cytosolic glucose 6 phosphate dehydrogenase isoform from barley (<i>Hordeum vulgare</i>) roots. <i>Protein Expression and Purification</i> , 2015, 112, 8-14.	1.3	39
6	Coronal Electron Temperature Inferred from the Strahl Electrons in the Inner Heliosphere: Parker Solar Probe and Helios Observations. <i>Astrophysical Journal</i> , 2020, 892, 88.	4.5	34
7	In-field study on traditional Italian tomato landraces: The constitutive activation of the ROS scavenging machinery reduces effects of drought stress. <i>Plant Physiology and Biochemistry</i> , 2017, 118, 150-160.	5.8	32
8	Nitrate Uptake Affects Cell Wall Synthesis and Modeling. <i>Frontiers in Plant Science</i> , 2017, 8, 1376.	3.6	28
9	Different Roles of Heat Shock Proteins (70 kDa) During Abiotic Stresses in Barley (<i>Hordeum vulgare</i>) Genotypes. <i>Plants</i> , 2019, 8, 248.	3.5	27
10	Annual outdoor cultivation of the diatom <i>Thalassiosira weissflogii</i> : productivity, limits and perspectives. <i>Algal Research</i> , 2019, 42, 101553.	4.6	24
11	Diatoms synthesize sterols by inclusion of animal and fungal genes in the plant pathway. <i>Scientific Reports</i> , 2020, 10, 4204.	3.3	21
12	Salinity and ABA Seed Responses in Pepper: Expression and Interaction of ABA Core Signaling Components. <i>Frontiers in Plant Science</i> , 2019, 10, 304.	3.6	20
13	Early responses to cadmium exposure in barley plants: effects on biometric and physiological parameters. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	2.1	19
14	Impact of Nitrogen Nutrition on <i>Cannabis sativa</i> : An Update on the Current Knowledge and Future Prospects. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5803.	4.1	19
15	Autotrophic vs. Heterotrophic Cultivation of the Marine Diatom <i>Cyclotella cryptica</i> for EPA Production. <i>Marine Drugs</i> , 2021, 19, 355.	4.6	18
16	Physiological and Molecular Osmotic Stress Responses in Three Durum Wheat (<i>Triticum Turgidum</i> ssp) Tj ETQq0 0 0 rgBT /Overlock 10 T. <i>Plant Physiology</i> , 2017, 150, 17.	3.6	17
17	Genetics of Drought Stress Tolerance in Crop Plants. , 2016, , 39-70.		16
18	Salt Stress Induces Differentiated Nitrogen Uptake and Antioxidant Responses in Two Contrasting Barley Landraces from MENA Region. <i>Agronomy</i> , 2020, 10, 1426.	3.0	14

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19	Ambipolar Electric Field and Potential in the Solar Wind Estimated from Electron Velocity Distribution Functions. <i>Astrophysical Journal</i> , 2021, 921, 83.	4.5	14
20	Patatin-like lipolytic acyl hydrolases and galactolipid metabolism in marine diatoms of the genus <i>Pseudo-nitzschia</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 181-190.	2.4	13
21	Fermentation of Biodegradable Organic Waste by the Family Thermotogaceae. <i>Resources</i> , 2021, 10, 34.	3.5	13
22	Capnophilic Lactic Fermentation from <i>Thermotoga neapolitana</i> : A Resourceful Pathway to Obtain Almost Enantiopure L-lactic Acid. <i>Fermentation</i> , 2019, 5, 34.	3.0	12
23	Biological responses to heavy metal stress in the moss <i>Leptodictyum riparium</i> (Hedw.) Warnst. <i>Ecotoxicology and Environmental Safety</i> , 2022, 229, 113078.	6.0	12
24	CO ₂ -Induced Transcriptional Reorganization: Molecular Basis of Capnophilic Lactic Fermentation in <i>Thermotoga neapolitana</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 171.	3.5	9
25	Variation of Grain Yield, Grain Protein Content and Nitrogen Use Efficiency Components under Different Nitrogen Rates in Mediterranean Durum Wheat Genotypes. <i>Agriculture (Switzerland)</i> , 2022, 12, 916.	3.1	9
26	Mechanism(s) of action of heavy metals to investigate the regulation of plastidic glucose-6-phosphate dehydrogenase. <i>Scientific Reports</i> , 2018, 8, 13481.	3.3	8
27	Advanced Applications for Protein and Compounds from Microalgae. <i>Plants</i> , 2021, 10, 1686.	3.5	8
28	Different G6PDH isoforms show specific roles in acclimation to cold stress at various growth stages of barley (<i>Hordeum vulgare</i>) and <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2021, 169, 190-202.	5.8	8
29	Nitrogen assimilation under different nitrate nutrition in Tunisian durum wheat landraces and improved genotypes. <i>Plant Biosystems</i> , 2020, 154, 924-934.	1.6	6
30	Bioinformatic Characterization of Sulfotransferase Provides New Insights for the Exploitation of Sulfated Polysaccharides in <i>Caulerpa</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 6681.	4.1	5
31	Improvement of CO ₂ and Acetate Coupling into Lactic Acid by Genetic Manipulation of the Hyperthermophilic Bacterium <i>Thermotoga neapolitana</i> . <i>Microorganisms</i> , 2021, 9, 1688.	3.6	4
32	Wild and Traditional Barley Genomic Resources as a Tool for Abiotic Stress Tolerance and Biotic Relations. <i>Agriculture (Switzerland)</i> , 2021, 11, 1102.	3.1	4