

Silvia Celletti

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

629
citations

516710

16
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional and physiological changes in the S assimilation pathway due to single or combined S and Fe deprivation in durum wheat (<i>Triticum durum</i> L.) seedlings. <i>Journal of Experimental Botany</i> , 2013, 64, 1663-1675.	4.8	69
2	The interplay between sulfur and iron nutrition in tomato. <i>Plant Physiology</i> , 2015, 169, pp.00995.2015.	4.8	66
3	Iron deprivation results in a rapid but not sustained increase of the expression of genes involved in iron metabolism and sulfate uptake in tomato (<i>Solanum lycopersicum</i> L.) seedlings. <i>Journal of Integrative Plant Biology</i> , 2014, 56, 88-100.	8.5	43
4	Interaction Between Sulfur and Iron in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 670308.	3.6	41
5	Phytotoxicity of hydrochars obtained by hydrothermal carbonization of manure-based digestate. <i>Journal of Environmental Management</i> , 2021, 280, 111635.	7.8	40
6	The effect of excess sulfate supply on iron accumulation in three graminaceous plants at the early vegetative phase. <i>Environmental and Experimental Botany</i> , 2016, 128, 31-38.	4.2	37
7	Does Fe accumulation in durum wheat seeds benefit from improved whole-plant sulfur nutrition?. <i>Journal of Cereal Science</i> , 2018, 83, 74-82.	3.7	36
8	Olive (<i>Olea europaea</i> L.) plants transgenic for tobacco osmotin gene are less sensitive to in vitro-induced drought stress. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	24
9	The characterization of the adaptive responses of durum wheat to different Fe availability highlights an optimum Fe requirement threshold. <i>Plant Physiology and Biochemistry</i> , 2016, 109, 300-307.	5.8	23
10	Single and Combined Fe and S Deficiency Differentially Modulate Root Exudate Composition in Tomato: A Double Strategy for Fe Acquisition?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4038.	4.1	23
11	Effect of three safeners on sulfur assimilation and iron deficiency response in barley (<i>Hordeum</i>) Tj ETQq1 1 0.784314 rgBT/Overlook	3.4	22
12	Foliar application of wood distillate boosts plant yield and nutritional parameters of chickpea. <i>Annals of Applied Biology</i> , 2023, 182, 57-64.	2.5	20
13	Phosphorus deficiency changes carbon isotope fractionation and triggers exudate reacquisition in tomato plants. <i>Scientific Reports</i> , 2020, 10, 15970.	3.3	19
14	Root Handling Affects Carboxylates Exudation and Phosphate Uptake of White Lupin Roots. <i>Frontiers in Plant Science</i> , 2020, 11, 584568.	3.6	19
15	Evaluating the Aqueous Phase From Hydrothermal Carbonization of Cow Manure Digestate as Possible Fertilizer Solution for Plant Growth. <i>Frontiers in Plant Science</i> , 2021, 12, 687434.	3.6	19
16	Plant species and pH dependent responses to copper toxicity. <i>Environmental and Experimental Botany</i> , 2022, 196, 104791.	4.2	19
17	Terbutylazine interferes with iron nutrition in maize (<i>Zea mays</i>) plants. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	16
18	Root physiological and transcriptional response to single and combined S and Fe deficiency in durum wheat. <i>Environmental and Experimental Botany</i> , 2017, 143, 172-184.	4.2	16

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19	Mitochondria dysfunctions under Fe and S deficiency: is citric acid involved in the regulation of adaptive responses?. <i>Plant Physiology and Biochemistry</i> , 2018, 126, 86-96.	5.8	16
20	Evaluation of a Legume-Derived Protein Hydrolysate to Mitigate Iron Deficiency in Plants. <i>Agronomy</i> , 2020, 10, 1942.	3.0	15
21	Effects of terbuthylazine on phytosiderophores release in iron deficient barley. <i>Environmental and Experimental Botany</i> , 2015, 116, 32-38.	4.2	13
22	Potential Use of Copper-Contaminated Soils for Hemp (<i>Cannabis sativa</i> L.) Cultivation. <i>Environments - MDPI</i> , 2021, 8, 111.	3.3	11
23	Revisiting Fe/S interplay in tomato: A split-root approach to study the systemic and local responses. <i>Plant Science</i> , 2018, 276, 134-142.	3.6	10
24	Physiological Responses to Fe Deficiency in Split-Root Tomato Plants: Possible Roles of Auxin and Ethylene?. <i>Agronomy</i> , 2020, 10, 1000.	3.0	10
25	Selected Plant-Related Papers from the First Joint Meeting on Soil and Plant System Sciences (SPSS) Tj ETQq1 1 0.784314 rgBT /Overbo 9, 1132.	3.5	1
26	Preliminary evaluation of eggshells as a source of phosphate on hydroponically grown tomato (<i>Solanum lycopersicum</i> L.) seedlings. <i>Journal of Plant Nutrition</i> , 2020, 43, 1852-1861.	1.9	1