Imre CseresnyÃ©s

List of Publications by Year
in descending order

20	274	1040056 9	940533 16
papers	citations	h-index	g-index

21	21	21	283
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Root electrical capacitance as an indicator of wheat growth and yield in a free-air carbon dioxide enrichment (FACE) experiment. Plant and Soil, 2022, 474, 321-335.	3.7	0
2	Prediction of wheat grain yield by measuring root electrical capacitance at anthesis. International Agrophysics, 2021, 35, 159-165.	1.7	4
3	Electrical Capacitance versus Minirhizotron Technique: A Study of Root Dynamics in Wheatâ€“Pea Intercrops. Plants, 2021, 10, 1991.	3.5	4
4	Root capacitance measurements allow non-intrusive in-situ monitoring of the seasonal dynamics and drought response of root activity in two grassland species. Plant and Soil, 2020, 449, 423-437.	3.7	7
5	Does electrical capacitance represent roots in the soil?. Acta Physiologiae Plantarum, 2020, 42, 1.	2.1	7
6	Influence of substrate type and properties on root electrical capacitance. International Agrophysics, 2020, 1, 95-101.	1.7	6
7	Electrical characterization of the root system: a noninvasive approach to study plant stress responses. Acta Physiologiae Plantarum, 2019, 41, 1.	2.1	8
8	Selection of plant physiological parameters to detect stress effects in pot experiments using principal component analysis. Acta Physiologiae Plantarum, 2019, 41, 1.	2.1	45
9	Electrical impedance phase angle as an indicator of plant root stress. Biosystems Engineering, 2018, 169, 226-232.	4.3	18
10	Symbiotic Effectivity of Dual and Tripartite Associations on Soybean (Glycine max L. Merr.) Cultivars Inoculated With Bradyrhizobium japonicum and AM Fungi. Frontiers in Plant Science, 2018, 9, 1631.	3.6	26
11	Application of Electrical Capacitance Method for Prediction of Plant Root Mass and Activity in Field-Grown Crops. Frontiers in Plant Science, 2018, 9, 93.	3.6	27
12	SzÃ¡razsÃ¡gstressz Ã©s mikorrhiza gombÃ¡k bÃºza gyÃ¶kÃ©rnÃ¶vekedÃ©sÃ©re gyakorolt hatÃ¡sÃ¡nak monitorozÃ¡sa elektromos kapacitÃ¡s mÃ©rÃ©sÃ©vel. Agrokemia Es Talajtan, 2018, 67, 213-225.	0.2	1
13	An improved formula for evaluating electrical capacitance using the dissipation factor. Plant and Soil, 2017, 419, 237-256.	3.7	8
14	Indirect monitoring of root activity in soybean cultivars under contrasting moisture regimes by measuring electrical capacitance. Acta Physiologiae Plantarum, 2016, 38, 1.	2.1	24
15	Application of electrical capacitance measurement for in situ monitoring of competitive interactions between maize and weed plants. Spanish Journal of Agricultural Research, 2016, 14, e0904.	0.6	3
16	Simultaneous monitoring of electrical capacitance and water uptake activity of plant root system. International Agrophysics, 2014, 28, 537-541.	1.7	12
17	Electrical impedance and capacitance method: A new approach for detection of functional aspects of arbuscular mycorrhizal colonization in maize. European Journal of Soil Biology, 2013, 54, 25-31.	3.2	41
18	Soil seed bank of the invasive Robinia pseudoacacia in planted Pinus nigra stands. Acta Botanica Croatica, 2012, 71, 249-260.	0.7	11

#	Article	IF	Citations
19	Fire risk in Austrian pine (Pinus nigra) plantations under various temperature and wind conditions. Acta Botanica Croatica, 2011, 70, 157-166.	0.7	5
20	Stand age influence on litter mass of Pinus nigra plantations on dolomite hills in Hungary. Canadian Journal of Botany, 2006, 84, 363-370.	1.1	17