Csaba MÃ¡thÃ©

List of Publications by Year
in descending order

26 papers	448 citations	759233 12 h-index	713466 21 g-index
26 all docs	26 docs citations	26 times ranked	573 citing authors

#	Article	IF	Citations
1	The Protein Phosphatase PP2A Plays Multiple Roles in Plant Development by Regulation of Vesicle Traffiâ€"Facts and Questions. International Journal of Molecular Sciences, 2021, 22, 975.	4.1	12
2	Impacts of Microcystins on Morphological and Physiological Parameters of Agricultural Plants: A Review. Plants, 2021, 10, 639.	3.5	21
3	Subcellular Alterations Induced by Cyanotoxins in Vascular Plantsâ€"A Review. Plants, 2021, 10, 984.	3.5	13
4	Editorial: How Cells Build Plants: Regulatory Mechanisms for Integrated Functioning of Plant Cells and the Whole Plant Body. Frontiers in Plant Science, 2021, 12, 706892.	3.6	0
5	Microcystin-LR, a cyanobacterial toxin affects root development by changing levels of PIN proteins and auxin response in Arabidopsis roots. Chemosphere, 2021, 276, 130183.	8.2	6
6	Microcystin-LR, a Cyanobacterial Toxin, Induces DNA Strand Breaks Correlated with Changes in Specific Nuclease and Protease Activities in White Mustard (Sinapis alba) Seedlings. Plants, 2021, 10, 2045.	3.5	1
7	The Role of Serine-Threonine Protein Phosphatase PP2A in Plant Oxidative Stress Signalingâ€"Facts and Hypotheses. International Journal of Molecular Sciences, 2019, 20, 3028.	4.1	46
8	Attack of Microcystis aeruginosa bloom on a Ceratophyllum submersum field: Ecotoxicological measurements in real environment with real microcystin exposure. Science of the Total Environment, 2019, 662, 735-745.	8.0	20
9	Novel fluorochromes label tonoplast in living plant cells and reveal changes in vacuolar organization after treatment with protein phosphatase inhibitors. Protoplasma, 2018, 255, 829-839.	2.1	14
10	Allyl-Isothiocyanate and Microcystin-LR Reveal the Protein Phosphatase Mediated Regulation of Metaphase-Anaphase Transition in Vicia faba. Frontiers in Plant Science, 2018, 9, 1823.	3.6	4
11	Cylindrospermopsin induces biochemical changes leading to programmed cell death in plants. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 254-264.	4.9	7
12	Editorial (Thematic Issue: Cellular and Biochemical Effects of Microcystins (Cyanobacterial Toxins)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	2
13	Microcystin-LR induces mitotic spindle assembly disorders in Vicia faba by protein phosphatase inhibition and not reactive oxygen species induction. Journal of Plant Physiology, 2016, 199, 1-11.	3.5	18
14	Epidermal Pavement Cells of Arabidopsis Have Chloroplasts. Plant Physiology, 2016, 171, 723-6.	4.8	49
15	The Effects of Microcystins (Cyanobacterial Heptapeptides) on the Eukaryotic Cytoskeletal System. Mini-Reviews in Medicinal Chemistry, 2016, 16, 1063-1077.	2.4	12
16	Cytotoxic effects of cylindrospermopsin in mitotic and non-mitotic Vicia faba cells. Chemosphere, 2015, 120, 145-153.	8.2	11
17	Osmotic stress responses of individual white oak (Quercus section, Quercus subgenus) genotypes cultured in vitro. Journal of Plant Physiology, 2014, 171, 16-24.	3.5	3
18	Identification of protein phosphatase interacting proteins from normal and UVA-irradiated HaCaT cell lysates by surface plasmon resonance based binding technique using biotinâ€"microcystin-LR as phosphatase capturing molecule. Journal of Photochemistry and Photobiology B: Biology, 2014, 138, 240-248.	3.8	4

#	ARTICLE	IF	CITATIONS
19	Effects of N source concentration and NH 4 + /NO 3 âˆ’ ratio on phenylethanoid glycoside pattern in tissue cultures of Plantago lanceolata L.: A metabolomics driven full-factorial experiment with LCâ€“ESIâ€“MS 3. Phytochemistry, 2014, 106, 44-54.	2.9	11
20	Microcystin-LR and Cylindrospermopsin Induced Alterations in Chromatin Organization of Plant Cells. Marine Drugs, 2013, 11, 3689-3717.	4.6	38
21	Isolation of viable cell mass from frozen Microcystis viridis bloom containing microcystin-RR. Hydrobiologia, 2010, 639, 147-151.	2.0	14
22	Somatic embryogenesis and regeneration from shoot primordia of Crocus heuffelianus. Plant Cell, Tissue and Organ Culture, 2010, 100, 349-353.	2.3	11
23	Microcystin-LR induces abnormal root development by altering microtubule organization in tissue-cultured common reed (Phragmites australis) plantlets. Aquatic Toxicology, 2009, 92, 122-130.	4.0	56
24	Microcystinâ€ŁR, a cyanobacterial toxin, induces growth inhibition and histological alterations in common reed (Phragmites australis) plants regenerated from embryogenic calli. New Phytologist, 2007, 176, 824-835.	7.3	37
25	The Effects of Temperature, Nitrogen, and Phosphorus on the Encystment of Peridinium cinctum, Stein (Dinophyta). Hydrobiologia, 2006, 563, 527-535.	2.0	28
26	Plant regeneration from embryogenic cultures of Phragmites australis (Cav.) Trin. Ex Steud.. Plant Cell, Tissue and Organ Culture, 2000, 63, 81-84.	2.3	10