

Csaba MÃ¡thÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

448
citations

759233

12
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713466

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docs citations

26
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Microcystin-LR induces abnormal root development by altering microtubule organization in tissue-cultured common reed (<i>Phragmites australis</i>) plantlets. <i>Aquatic Toxicology</i> , 2009, 92, 122-130.	4.0	56
2	Epidermal Pavement Cells of <i>Arabidopsis</i> Have Chloroplasts. <i>Plant Physiology</i> , 2016, 171, 723-6.	4.8	49
3	The Role of Serine-Threonine Protein Phosphatase PP2A in Plant Oxidative Stress Signaling—Facts and Hypotheses. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3028.	4.1	46
4	Microcystin-LR and Cylindrospermopsin Induced Alterations in Chromatin Organization of Plant Cells. <i>Marine Drugs</i> , 2013, 11, 3689-3717.	4.6	38
5	Microcystin-LR, a cyanobacterial toxin, induces growth inhibition and histological alterations in common reed (<i>Phragmites australis</i>) plants regenerated from embryogenic calli. <i>New Phytologist</i> , 2007, 176, 824-835.	7.3	37
6	The Effects of Temperature, Nitrogen, and Phosphorus on the Encystment of <i>Peridinium cinctum</i> , Stein (Dinophyta). <i>Hydrobiologia</i> , 2006, 563, 527-535.	2.0	28
7	Impacts of Microcystins on Morphological and Physiological Parameters of Agricultural Plants: A Review. <i>Plants</i> , 2021, 10, 639.	3.5	21
8	Attack of <i>Microcystis aeruginosa</i> bloom on a <i>Ceratophyllum submersum</i> field: Ecotoxicological measurements in real environment with real microcystin exposure. <i>Science of the Total Environment</i> , 2019, 662, 735-745.	8.0	20
9	Microcystin-LR induces mitotic spindle assembly disorders in <i>Vicia faba</i> by protein phosphatase inhibition and not reactive oxygen species induction. <i>Journal of Plant Physiology</i> , 2016, 199, 1-11.	3.5	18
10	Isolation of viable cell mass from frozen <i>Microcystis viridis</i> bloom containing microcystin-RR. <i>Hydrobiologia</i> , 2010, 639, 147-151.	2.0	14
11	Novel fluorochromes label tonoplast in living plant cells and reveal changes in vacuolar organization after treatment with protein phosphatase inhibitors. <i>Protoplasma</i> , 2018, 255, 829-839.	2.1	14
12	Subcellular Alterations Induced by Cyanotoxins in Vascular Plants—A Review. <i>Plants</i> , 2021, 10, 984.	3.5	13
13	The Protein Phosphatase PP2A Plays Multiple Roles in Plant Development by Regulation of Vesicle Traffic—Facts and Questions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 975.	4.1	12
14	The Effects of Microcystins (Cyanobacterial Heptapeptides) on the Eukaryotic Cytoskeletal System. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 1063-1077.	2.4	12
15	Somatic embryogenesis and regeneration from shoot primordia of <i>Crocus heuffelianus</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 100, 349-353.	2.3	11
16	Effects of N source concentration and NH ₄ ⁺ /NO ₃ ⁻ ratio on phenylethanoid glycoside pattern in tissue cultures of <i>Plantago lanceolata</i> L.: A metabolomics driven full-factorial experiment with LC-ESI-MS. <i>Phytochemistry</i> , 2014, 106, 44-54.	2.9	11
17	Cytotoxic effects of cylindrospermopsin in mitotic and non-mitotic <i>Vicia faba</i> cells. <i>Chemosphere</i> , 2015, 120, 145-153.	8.2	11
18	Plant regeneration from embryogenic cultures of <i>Phragmites australis</i> (Cav.) Trin. Ex Steud.. <i>Plant Cell, Tissue and Organ Culture</i> , 2000, 63, 81-84.	2.3	10

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19	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
20	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
21	Identification of protein phosphatase interacting proteins from normal and UVA-irradiated HaCaT cell lysates by surface plasmon resonance based binding technique using biotin- ⁶⁶ microcystin-LR as phosphatase capturing molecule. Journal of Photochemistry and Photobiology B: Biology, 2014, 138, 240-248.	3.8	4
22	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
23	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
24	Editorial (Thematic Issue: Cellular and Biochemical Effects of Microcystins (Cyanobacterial Toxins)) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.4	2
25	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
26	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