

Khaled Y Kamal

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

329
citations

759233

12
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Reduced Gravity Simulators for Plant Biological Studies. <i>Methods in Molecular Biology</i> , 2022, 2368, 241-265.	0.9	3
2	Modulation of cell cycle progression and chromatin dynamic as tolerance mechanisms to salinity and drought stress in maize. <i>Physiologia Plantarum</i> , 2021, 172, 684-695.	5.2	27
3	Nox2 Inhibition Regulates Stress Response and Mitigates Skeletal Muscle Fiber Atrophy during Simulated Microgravity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3252.	4.1	10
4	Evaluating deficit irrigation scheduling strategies to improve yield and water productivity of maize in arid environment using simulation. <i>Agricultural Water Management</i> , 2021, 249, 106812.	5.6	31
5	Stress Response Proteins and Nox2 Signaling in the Gastrocnemius Muscle of Dystrophic Mice. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
6	Exogenously Applied Gibberellic Acid Enhances Growth and Salinity Stress Tolerance of Maize through Modulating the Morpho-Physiological, Biochemical and Molecular Attributes. <i>Biomolecules</i> , 2021, 11, 1005.	4.0	26
7	Plants in Space: Novel Physiological Challenges and Adaptation Mechanisms. <i>Progress in Botany Fortschritte Der Botanik</i> , 2021, , 29-64.	0.3	4
8	Evaluation of growth and nutritional value of Brassica microgreens grown under red, blue and green LEDs combinations. <i>Physiologia Plantarum</i> , 2020, 169, 625-638.	5.2	39
9	Crude Methanol Extract of Rosin Gum Exhibits Specific Cytotoxicity against Human Breast Cancer Cells via Apoptosis Induction. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 1028-1036.	1.7	14
10	Cell cycle acceleration and changes in essential nuclear functions induced by simulated microgravity in a synchronized <i>Arabidopsis</i> cell culture. <i>Plant, Cell and Environment</i> , 2019, 42, 480-494.	5.7	22
11	Sphingolipid-induced cell death in <i>Arabidopsis</i> is negatively regulated by the papain-like cysteine protease RD21. <i>Plant Science</i> , 2019, 280, 12-17.	3.6	24
12	Differential transcriptional profile through cell cycle progression in <i>Arabidopsis</i> cultures under simulated microgravity. <i>Genomics</i> , 2019, 111, 1956-1965.	2.9	17
13	GENETIC ANALYSIS FOR EARLINESS AND GRAIN YIELD OF BREAD WHEAT (<i>Triticum aestivum</i> L.) UNDER HEAT STRESS. <i>Zagazig Journal of Agricultural Research</i> , 2019, 46, 1769-1784.	0.1	1
14	Simulated microgravity, Mars gravity, and 2g hypergravity affect cell cycle regulation, ribosome biogenesis, and epigenetics in <i>Arabidopsis</i> cell cultures. <i>Scientific Reports</i> , 2018, 8, 6424.	3.3	49
15	Embedding <i>Arabidopsis</i> Plant Cell Suspensions in Low-Melting Agarose Facilitates Altered Gravity Studies. <i>Microgravity Science and Technology</i> , 2017, 29, 115-119.	1.4	4
16	Evaluation of Simulated Microgravity Environments Induced by Diamagnetic Levitation of Plant Cell Suspension Cultures. <i>Microgravity Science and Technology</i> , 2016, 28, 309-317.	1.4	12
17	Expression of Heterosis, Gene Action and Relationship among Morpho-physiological and Yield Characters in Sunflower under Different Levels of Water Supply. <i>Journal of Plant Production</i> , 2016, 7, 1523-1534.	0.1	6
18	Proper selection of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle g \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$ controls in simulated microgravity research as illustrated with clinorotated plant cell suspension cultures. <i>Life Sciences in Space Research</i> , 2015, 5, 47-52.	2.3	12

#	ARTICLE	IF	CITATIONS
19	Use of Microgravity Simulators for Plant Biological Studies. <i>Methods in Molecular Biology</i> , 2015, 1309, 239-254.	0.9	12
20	Mechanisms of disruption of meristematic competence by microgravity in <i>Arabidopsis</i> seedlings. <i>Plant Signaling and Behavior</i> , 2014, 9, e28289.	2.4	15