Khaled Y Kamal

List of Publications by Year
in descending order

20	329	759233 12	839539 18
papers	citations	h-index	g-index

21	21	21	401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simulated microgravity, Mars gravity, and 2g hypergravity affect cell cycle regulation, ribosome biogenesis, and epigenetics in Arabidopsis cell cultures. Scientific Reports, 2018, 8, 6424.	3.3	49
2	Evaluation of growth and nutritional value of Brassica microgreens grown under red, blue and green LEDs combinations. Physiologia Plantarum, 2020, 169, 625-638.	5.2	39
3	Evaluating deficit irrigation scheduling strategies to improve yield and water productivity of maize in arid environment using simulation. Agricultural Water Management, 2021, 249, 106812.	5.6	31
4	Modulation of cell cycle progression and chromatin dynamic as tolerance mechanisms to salinity and drought stress in maize. Physiologia Plantarum, 2021, 172, 684-695.	5.2	27
5	Exogenously Applied Gibberellic Acid Enhances Growth and Salinity Stress Tolerance of Maize through Modulating the Morpho-Physiological, Biochemical and Molecular Attributes. Biomolecules, 2021, 11, 1005.	4.0	26
6	Sphingolipid-induced cell death in Arabidopsis is negatively regulated by the papain-like cysteine protease RD21. Plant Science, 2019, 280, 12-17.	3.6	24
7	Cell cycle acceleration and changes in essential nuclear functions induced by simulated microgravity in a synchronized Arabidopsis cell culture. Plant, Cell and Environment, 2019, 42, 480-494.	5.7	22
8	Differential transcriptional profile through cell cycle progression in Arabidopsis cultures under simulated microgravity. Genomics, 2019, 111, 1956-1965.	2.9	17
9	Mechanisms of disruption of meristematic competence by microgravity inArabidopsisseedlings. Plant Signaling and Behavior, 2014, 9, e28289.	2.4	15
10	Crude Methanol Extract of Rosin Gum Exhibits Specific Cytotoxicity against Human Breast Cancer Cells via Apoptosis Induction. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 1028-1036.	1.7	14
11	Proper selection of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mn>1</mml:mn><mml:mtext> g</mml:mtext></mml:math> controls in simulated microgravity research as illustrated with clinorotated plant cell suspension cultures. Life Sciences in Space Research, 2015, 5, 47-52.	2.3	12
12	Evaluation of Simulated Microgravity Environments Induced by Diamagnetic Levitation of Plant Cell Suspension Cultures. Microgravity Science and Technology, 2016, 28, 309-317.	1.4	12
13	Use of Microgravity Simulators for Plant Biological Studies. Methods in Molecular Biology, 2015, 1309, 239-254.	0.9	12
14	Nox2 Inhibition Regulates Stress Response and Mitigates Skeletal Muscle Fiber Atrophy during Simulated Microgravity. International Journal of Molecular Sciences, 2021, 22, 3252.	4.1	10
15	Expression of Heterosis, Gene Action and Relationship among Morpho-physiological and Yield Characters in Sunflower under Different Levels of Water Supply. Journal of Plant Production, 2016, 7, 1523-1534.	0.1	6
16	Embedding Arabidopsis Plant Cell Suspensions in Low-Melting Agarose Facilitates Altered Gravity Studies. Microgravity Science and Technology, 2017, 29, 115-119.	1.4	4
17	Plants in Space: Novel Physiological Challenges and Adaptation Mechanisms. Progress in Botany Fortschritte Der Botanik, 2021, , 29-64.	0.3	4
18	Use of Reduced Gravity Simulators for Plant Biological Studies. Methods in Molecular Biology, 2022, 2368, 241-265.	0.9	3

#	Article	IF	Citations
19	GENETIC ANALYSIS FOR EARLINESS AND GRAIN YIELD OF BREAD WHEAT (Triticum aestivum L.) UNDER HEAT STRESS. Zagazig Journal of Agricultural Research, 2019, 46, 1769-1784.	0.1	1
20	Stress Response Proteins and Nox2 Signaling in the Gastrocnemius Muscle of Dystrophic Mice. FASEB Journal, 2021, 35, .	0.5	0