

# Michael P Fuller

## List of Publications by Year in descending order

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66  
papers

1,766  
citations

279487

23  
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301761

39  
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docs citations

66  
times ranked

1956  
citing authors

#	ARTICLE	IF	CITATIONS
1	Foliar microstructure and histochemical analysis of the lavender tree ( <i>Heteropyxis natalensis</i> Harv.). <i>Micron</i> , 2022, 153, 103184.	1.1	3
2	The Impact of LED Lighting Spectra in a Plant Factory on the Growth, Physiological Traits and Essential Oil Content of Lemon Balm ( <i>Melissa officinalis</i> ). <i>Plants</i> , 2022, 11, 342.	1.6	12
3	Synchronized Seed Germination and Seedling Growth of Black Cumin. <i>HortTechnology</i> , 2022, 32, 182-190.	0.5	1
4	Phylogenetic and Expression Studies of Small GTP-Binding Proteins in <i>Solanum lycopersicum</i> Super Strain B. <i>Plants</i> , 2022, 11, 641.	1.6	3
5	The exceptional weather of April 2021. <i>Weather</i> , 2022, 77, 116-122.	0.6	0
6	The Impact of Light Spectrum and Intensity on the Growth, Physiology, and Antioxidant Activity of Lettuce ( <i>Lactuca sativa</i> L.). <i>Plants</i> , 2021, 10, 2162.	1.6	5
7	A Novel New Light Recipe Significantly Increases the Growth and Yield of Sweet Basil ( <i>Ocimum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1.3 22	1.3	10
8	The Growth and Development of Sweet Basil ( <i>Ocimum basilicum</i> ) and Bush Basil ( <i>Ocimum minimum</i> ) Grown under Three Light Regimes in a Controlled Environment. <i>Agronomy</i> , 2019, 9, 743.	1.3	17
9	The Effect of Exogenous Applications of Salicylic Acid on Drought Tolerance and Up-Regulation of the Drought Response Regulon of Iraqi Wheat. <i>Journal of Crop Science and Biotechnology</i> , 2019, 22, 37-45.	0.7	19
10	Micropropagation of virus-free plants of Saudi fig ( <i>Ficus carica</i> L.) and their identification through enzyme-linked immunosorbent assay methods. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2018, 54, 626-636.	0.9	6
11	Growth, lipid peroxidation, organic solutes, and anti-oxidative enzyme content in drought-stressed date palm embryogenic callus suspension induced by polyethylene glycol. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2017, 53, 133-141.	0.9	13
12	Advances in physiological and molecular aspects of plant cold tolerance. <i>Journal of Plant Interactions</i> , 2017, 12, 143-157.	1.0	93
13	An analysis of the development of cauliflower seed as a model to improve the molecular mechanism of abiotic stress tolerance in cauliflower artificial seeds. <i>Plant Physiology and Biochemistry</i> , 2017, 116, 91-105.	2.8	3
14	Artificial Seeds (Principle, Aspects and Applications). <i>Agronomy</i> , 2017, 7, 71.	1.3	65
15	Upregulation of CBF/DREB1 and cold tolerance in artificial seeds of cauliflower ( <i>Brassica oleracea</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1.7 12	1.7	12
16	Comparative metagenomics approaches to characterize the soil fungal communities of western coastal region, Saudi Arabia. <i>PLoS ONE</i> , 2017, 12, e0185096.	1.1	12
17	Impact of application of zinc oxide nanoparticles on callus induction, plant regeneration, element content and antioxidant enzyme activity in tomato ( <i>Solanum lycopersicum</i> Mill.) under salt stress. <i>Archives of Biological Sciences</i> , 2016, 68, 723-735.	0.2	105
18	Effect of photosynthetic photon flux density on growth, photosynthetic competence and antioxidant enzymes activity during ex vitro acclimatization of <i>Dieffenbachia</i> cultivars. <i>Plant Growth Regulation</i> , 2016, 79, 29-37.	1.8	10

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19	The alteration of mRNA expression of SOD and GPX genes, and proteins in tomato ( <i>Lycopersicon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 462 Sciences, 2016, 23, 773-781.	1.8	54
20	Metagenomic analysis of fungal taxa inhabiting Mecca region, Saudi Arabia. <i>Genomics Data</i> , 2016, 9, 126-127.	1.3	2
21	Molybdenum (Mo) increases endogenous phenolics, proline and photosynthetic pigments and the phytoremediation potential of the industrially important plant <i>Ricinus communis</i> L. for removal of cadmium from contaminated soil. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20408-20430.	2.7	28
22	Molybdenum application enhances antioxidant enzyme activity and COR15a protein expression under cold stress in wheat. <i>Journal of Plant Interactions</i> , 2016, 11, 5-10.	1.0	16
23	Improving fruit quality in tomato ( <i>Lycopersicon esculentum</i> Mill) under heat stress by silencing the vis 1 gene using small interfering RNA technology. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 153-166.	1.2	8
24	Photosynthetic and biochemical characterization of in vitro-derived African violet ( <i>Saintpaulia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.0	18
25	Genotypic resistance to brown heart incidence in swede parent lines and F1 hybrids and the influence of applied boron. <i>Journal of Agricultural Science</i> , 2015, 153, 195-204.	0.6	1
26	The effect of molybdenum on the molecular control of cold tolerance in cauliflower ( <i>Brassica</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.2	13
27	Frost Hardiness Expression and Characterisation in Wheat at Ear Emergence. <i>Journal of Agronomy and Crop Science</i> , 2013, 199, 66-74.	1.7	36
28	Positive effects of elevated CO <sub>2</sub> and its interaction with nitrogen on safflower physiology and growth. <i>Agronomy for Sustainable Development</i> , 2013, 33, 497-505.	2.2	12
29	Exogenous application of molybdenum affects the expression of CBF14 and the development of frost tolerance in wheat. <i>Plant Physiology and Biochemistry</i> , 2013, 63, 77-81.	2.8	18
30	Augmented Phytoextraction of Lead (Pb <sup>2+</sup> )-Polluted Soils: A Comparative Study of the Effectiveness of Plant Growth Regulators, EDTA, and Plant Growth Promoting Rhizobacteria. <i>Bioremediation Journal</i> , 2013, 17, 124-130.	1.0	14
31	Chemically Induced Mutants of <i>Brassica oleracea</i> var. botrytis Maintained Stable Resistance to Drought and Salt Stress after Regeneration and Micropropagation. <i>American Journal of Plant Sciences</i> , 2013, 04, 498-507.	0.3	11
32	The effect of using PPM (plant preservative mixture) on the development of cauliflower microshoots and the quality of artificial seed produced. <i>Scientia Horticulturae</i> , 2012, 141, 47-52.	1.7	22
33	In Vitro Propagation of Cauliflower Using Curd Microexplants. <i>Methods in Molecular Biology</i> , 2012, 11013, 329-339.	0.4	1
34	Osmoregulators proline and glycine betaine counteract salinity stress in canola. <i>Agronomy for Sustainable Development</i> , 2012, 32, 747-754.	2.2	32
35	Germination of Primed Seed under NaCl Stress in Wheat. <i>ISRN Botany</i> , 2012, 2012, 1-5.	0.8	24
36	Identification and expression analysis of CBF/DREB1 and COR15 genes in mutants of <i>Brassica oleracea</i> var. botrytis with enhanced proline production and frost resistance. <i>Plant Physiology and Biochemistry</i> , 2011, 49, 1323-1332.	2.8	29

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37	Encapsulation of cauliflower ( <i>Brassica oleracea</i> var <i>botrytis</i> ) microshoots as artificial seeds and their conversion and growth in commercial substrates. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 107, 243-250.	1.2	25
38	Effect of Boron Foliar Application on Reproductive Growth of Sunflower ( <i>Helianthus annuus</i> L.). <i>International Journal of Agronomy</i> , 2011, 2011, 1-5.	0.5	29
39	The improved phytoextraction of lead (Pb) and the growth of maize ( <i>Zea mays</i> L.): the role of plant growth regulators (GA3 and IAA) and EDTA alone and in combinations. <i>Chemosphere</i> , 2010, 80, 457-462.	4.2	145
40	Effect of soil applied zinc sulphate on wheat ( <i>Triticum aestivum</i> L.) grown on a calcareous soil in Pakistan. <i>Cereal Research Communications</i> , 2008, 36, 571-582.	0.8	44
41	Using Infrared Thermography to Study Freezing in Plants. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008, 43, 1648-1651.	0.5	19
42	The freezing characteristics of wheat at ear emergence. <i>European Journal of Agronomy</i> , 2007, 26, 435-441.	1.9	131
43	Durum wheat quality I: some physical and chemical characteristics of Syrian durum wheat genotypes. <i>International Journal of Food Science and Technology</i> , 2006, 41, 22-29.	1.3	39
44	Durum wheat quality: II. The relationship of kernel physicochemical composition to semolina quality and end product utilisation. <i>International Journal of Food Science and Technology</i> , 2006, 41, 47-55.	1.3	60
45	Evaluation of Abiotic Stress Resistance in Mutated Populations of Cauliflower ( <i>Brassica oleracea</i> var.) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	27
46	Compost increases yield and decreases take-all severity in winter wheat. <i>Field Crops Research</i> , 2005, 94, 176-188.	2.3	22
47	Simulated effects of climate change on the production pattern of winter cauliflower in the UK. <i>Scientia Horticulturae</i> , 2004, 101, 359-372.	1.7	10
48	Ice Nucleation, Propagation, and Deep Supercooling in Woody Plants. <i>Journal of Crop Improvement</i> , 2004, 10, 5-16.	0.9	16
49	The Effect of Elevated CO <sub>2</sub> and Drought on the Vegetative Growth and Development of Durum Wheat ( <i>Triticum durum</i> Desf.) Cultivars. <i>Cereal Research Communications</i> , 2004, 32, 225-232.	0.8	5
50	Propagation and characterisation of the freezing tolerance of a novel South African ornamental ( <i>Cineraria saxifraga</i> ). <i>Annals of Applied Biology</i> , 2002, 140, 285-289.	1.3	4
51	Use of a Hydrophobic Particle Film as a Barrier to Extrinsic Ice Nucleation in Tomato Plants. <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 358-364.	0.5	49
52	A cost effective protocol for in vitro mass propagation of cauliflower. <i>Plant Science</i> , 2001, 160, 1015-1024.	1.7	18
53	Freezing of Barley Studied by Infrared Video Thermography. <i>Plant Physiology</i> , 2001, 125, 227-240.	2.3	100
54	An investigation of the frost hardiness of grapevine ( <i>Vitis vinifera</i> ) during bud break. <i>Annals of Applied Biology</i> , 1999, 135, 589-595.	1.3	46

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55	A chamber for the simulation of radiation freezing of plants. <i>Annals of Applied Biology</i> , 1998, 133, 111-121.	1.3	26
56	Explaining curd and spear geometry in broccoli, cauliflower and 'romanesco': quantitative variation in activity of primary meristems. <i>Planta</i> , 1998, 206, 34-43.	1.6	25
57	The use of infrared thermal imaging in the study of ice nucleation and freezing of plants. <i>Journal of Thermal Biology</i> , 1998, 23, 81-89.	1.1	75
58	Plant tissue culture using Brassico seedlings. <i>Journal of Biological Education</i> , 1995, 29, 53-59.	0.8	2
59	Rapid mass production of cauliflower propagules from fractionated and graded curd. <i>Plant Science</i> , 1995, 107, 229-235.	1.7	18
60	The freezing characteristics of cauliflower curd. <i>Annals of Applied Biology</i> , 1994, 125, 179-188.	1.3	5
61	Anther culture of kale ( <i>Brassica oleracea</i> L. convar. <i>acephala</i> (DC.) Alef.). <i>Plant Cell, Tissue and Organ Culture</i> , 1993, 33, 303-313.	1.2	9
62	Thermal insulation of the winter cauliflower curd by wrapper-leaves. <i>Annals of Applied Biology</i> , 1990, 117, 421-430.	1.3	5
63	The pattern of frost hardening of leaves of winter cauliflower ( <i>Brassica oleracea</i> var. <i>botrytis</i> ) Tj ETQq1 1 0,784314 rgBT /Ove	1.3	7
64	Effect of temperature on cold dehardening of <i>Lolium perenne</i> L. seedlings. <i>Journal of Agricultural Science</i> , 1981, 96, 55-59.	0.6	6
65	The effect of temperature on cold hardening of <i>Lolium perenne</i> seedlings. <i>Journal of Agricultural Science</i> , 1980, 95, 77-81.	0.6	18
66	A seedling test for cold hardiness in <i>Lolium perenne</i> L. <i>Journal of Agricultural Science</i> , 1978, 91, 217-222.	0.6	41