

M Masroor A Khan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cellular Responses, Osmotic Adjustments, and Role of Osmolytes in Providing Salt Stress Resilience in Higher Plants: Polyamines and Nitric Oxide Crosstalk. <i>Journal of Plant Growth Regulation</i> , 2023, 42, 539-553.	5.1	31
2	Exogenous Strigolactone (GR24) Positively Regulates Growth, Photosynthesis, and Improves Glandular Trichome Attributes for Enhanced Artemisinin Production in <i>Artemisia annua</i> . <i>Journal of Plant Growth Regulation</i> , 2023, 42, 4606-4615.	5.1	19
3	Comparative Effect of Foliar Application of Silicon, Titanium and Zinc Nanoparticles on the Performance of Vetiver- a Medicinal and Aromatic Plant. <i>Silicon</i> , 2023, 15, 153-166.	3.3	8
4	Fractions of gamma-irradiated sodium alginate enhance the growth, enzymatic activities, and essential oil production of lemongrass [<i>Cymbopogon flexuosus</i> (Steud.) Wats]. , 2022, , 257-272.		0
5	Chitin, chitosan, and chitooligosaccharides: Recent advances and future perspectives. , 2022, , 339-353.		8
6	Fractions of radiation-processed chitosan induce growth, photosynthesis and secondary metabolism in Java citronella (<i>Cymbopogon winterianus</i> Jowitt). , 2022, , 273-298.		0
7	Improvement in growth, physiological attributes and essential oil production of <i>Vetiveria zizanioides</i> (L.) Nash mediated by soil-applied gamma-irradiated sodium alginate. , 2022, , 299-319.		0
8	Radiation-processed polysaccharides and the enrichment of medicinally imperative bioactive compounds in plants, a review. , 2022, , 227-256.		0
9	Effect of presowing treatment of Co-60 gamma-irradiated chitosan on seed germination and seedling vigor in <i>Eucalyptus citriodora</i> Hook. , 2022, , 321-337.		0
10	A comprehensive review of impacts of diverse nanoparticles on growth, development and physiological adjustments in plants under changing environment. <i>Chemosphere</i> , 2022, 291, 132672.	8.2	36
11	Nanotized kinetin enhances essential oil yield and active constituents of mint via improvement in physiological attributes. <i>Chemosphere</i> , 2022, 288, 132447.	8.2	8
12	Irradiated chitosan (ICH): an alternative tool to increase essential oil content in lemongrass (<i>Cymbopogon flexuosus</i>). <i>Acta Physiologiae Plantarum</i> , 2022, 44, 1.	2.1	12
13	Acquisition of physiological modulations in medicinal plants through degraded natural polysaccharides under dynamic environment. , 2022, , 399-414.		3
14	Lemongrass Essential Oil Components with Antimicrobial and Anticancer Activities. <i>Antioxidants</i> , 2022, 11, 20.	5.1	51
15	Triacntanol Protects <i>Mentha arvensis</i> L. from Nickel-Instigated Repercussions by Escalating Antioxidant Machinery, Photosynthetic Efficiency and Maintaining Leaf Ultrastructure and Root Morphology. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1594-1612.	5.1	17
16	Effect of Physical and Chemical Strategies on Extraction-Recovery of Lemongrass Volatile Oil. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 193-198.	1.4	3
17	Drought: Sensing, signalling, effects and tolerance in higher plants. <i>Physiologia Plantarum</i> , 2021, 172, 1291-1300.	5.2	94
18	Silicon nanoparticles elicit an increase in lemongrass (<i>Cymbopogon flexuosus</i> (Steud.) Wats) agronomic parameters with a higher essential oil yield. <i>Journal of Hazardous Materials</i> , 2021, 412, 125254.	12.4	59

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19	Salicylic acid-mediated alleviation of soil boron toxicity in <i>Mentha arvensis</i> and <i>Cymbopogon flexuosus</i> : Growth, antioxidant responses, essential oil contents and components. <i>Chemosphere</i> , 2021, 276, 130153.	8.2	21
20	A comprehensive review of adaptations in plants under arsenic toxicity: Physiological, metabolic and molecular interventions. <i>Environmental Pollution</i> , 2021, 290, 118029.	7.5	28
21	Natural Polysaccharides: Novel Plant Growth Regulators. , 2021, , 335-354.		4
22	An Insight into the Role of Plant Growth Regulators in Stimulating Abiotic Stress Tolerance in Some Medicinally Important Plants. , 2021, , 75-100.		7
23	Exogenous Gibberellic Acid Supplementation Renders Growth and Yield Protection Against Salinity Induced Oxidative Damage Through Upregulating Antioxidant Metabolism in Fenugreek (<i>Trigonella</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 377		
24	Various Mitigation Approaches Applied to Confer Abiotic Stress Tolerance in Fenugreek (<i>Trigonella</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377		
25	Silicon Nanoparticles Mediated Increase in Glandular Trichomes and Regulation of Photosynthetic and Quality Attributes in <i>Mentha piperita</i> L.. <i>Journal of Plant Growth Regulation</i> , 2020, 39, 346-357.	5.1	26
26	Chitosan and its oligosaccharides, a promising option for sustainable crop production- a review. <i>Carbohydrate Polymers</i> , 2020, 227, 115331.	10.2	111
27	Oligomers of carrageenan regulate functional activities and artemisinin production in <i>Artemisia annua</i> L. exposed to arsenic stress. <i>Protoplasma</i> , 2020, 257, 871-887.	2.1	27
28	Gamma rays induced acquisition of structural modification in chitosan boosts photosynthetic machinery, enzymatic activities and essential oil production in citronella grass (<i>Cymbopogon</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377		
29	Mechanistic Insights into Strigolactone Biosynthesis, Signaling, and Regulation During Plant Growth and Development. <i>Journal of Plant Growth Regulation</i> , 2020, 40, 1836.	5.1	14
30	Exogenous abscisic acid mediates ROS homeostasis and maintains glandular trichome to enhance artemisinin biosynthesis in <i>Artemisia annua</i> under copper toxicity. <i>Plant Physiology and Biochemistry</i> , 2020, 156, 125-134.	5.8	36
31	Salicylic acid restrains arsenic induced oxidative burst in two varieties of <i>Artemisia annua</i> L. by modulating antioxidant defence system and artemisinin production. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110851.	6.0	30
32	Increased production of valuable secondary products in plants by leaf applied radiation-processed polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 286-294.	7.5	16
33	Alterations in photosynthetic pigments, antioxidant machinery, essential oil constituents and growth of menthol mint (<i>Mentha arvensis</i> L.) upon nickel exposure. <i>Revista Brasileira De Botanica</i> , 2020, 43, 721-731.	1.3	16
34	Silicon-mediated cellular resilience mechanisms against copper toxicity and glandular trichomes protection for augmented artemisinin biosynthesis in <i>Artemisia annua</i> . <i>Industrial Crops and Products</i> , 2020, 155, 112843.	5.2	8
35	Hyacinth bean (<i>Lablab purpureus</i> L.) â€œ An underutilised crop with future potential. <i>Scientia Horticulturae</i> , 2020, 272, 109551.	3.6	34
36	Impact of Long-Term Copper Exposure on Growth, Photosynthesis, Antioxidant Defence System and Artemisinin Biosynthesis in Soil-Grown <i>Artemisia annua</i> Genotypes. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 609-618.	2.7	16

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37	Intimidating Effects of Heavy Metals on Mentha Species and Their Mitigation Using Scientific Approaches. , 2020, , 305-325.		4
38	Adaptive Physiological Responses of Plants under Abiotic Stresses: Role of Phytohormones. , 2020, , 797-824.		12
39	Effects of boron toxicity on growth, oxidative damage, antioxidant enzymes and essential oil fingerprinting in Mentha arvensis and Cymbopogon flexuosus. Chemical and Biological Technologies in Agriculture, 2020, 7, .	4.6	32
40	Concomitant application of depolymerized chitosan and GA3 modulates photosynthesis, essential oil and menthol production in peppermint (Mentha piperita L.). Scientia Horticulturae, 2019, 246, 371-379.	3.6	35
41	Radiation-mediated molecular weight reduction and structural modification in carrageenan potentiates improved photosynthesis and secondary metabolism in peppermint (Mentha piperita L.). International Journal of Biological Macromolecules, 2019, 124, 1069-1079.	7.5	22
42	Efficacy of TiO ₂ nanoparticles in enhancing the photosynthesis, essential oil and khusimol biosynthesis in Vetiveria zizanioides L. Nash. Photosynthetica, 2019, 57, 599-606.	1.7	44
43	Efficacy of titanium dioxide nanoparticles in modulating photosynthesis, peltate glandular trichomes and essential oil production and quality in Mentha piperita L.. Current Plant Biology, 2018, 13, 6-15.	4.7	87
44	Effect of polyacrylamide soil-dressing on physiological attributes, essential oil content, and composition of vetiver (Vetiveria zizanioides). Journal of Herbs, Spices and Medicinal Plants, 2018, 24, 199-212.	1.1	2
45	Response of exogenous salicylic acid on cadmium induced photosynthetic damage, antioxidant metabolism and essential oil production in peppermint. Plant Growth Regulation, 2018, 86, 273-286.	3.4	70
46	Plant Efficacy and Alkaloids Production in Sadabahar (Catharanthus roseus L.): Role of Potent PGRs and Mineral Nutrients. , 2017, , 35-57.		5
47	The Accumulation and Degradation of Alkaloids in Catharanthus roseus Supported by Various External Agents Under Different Environmental Conditions. , 2017, , 321-329.		2
48	Unraveling the Cumulative Effect of Soil-Applied Radiation-Processed Sodium Alginate and Polyacrylamide on Growth Attributes, Physiological Activities, and Alkaloids Production in Periwinkle [Catharanthus roseus (L.) G. Don]. , 2017, , 365-381.		2
49	Structural re-arrangement of depolymerized sodium alginate enriches peltate glandular trichomes and essential oil production of spearmint. International Journal of Biological Macromolecules, 2017, 105, 1043-1050.	7.5	26
50	Essential Oil and Citral Production in Field-Grown Lemongrass in Response to Gamma-Irradiated Chitosan. Journal of Herbs, Spices and Medicinal Plants, 2017, 23, 378-392.	1.1	12
51	Nutrient Uptake, Removal, and Cycling in Eucalyptus Species. , 2017, , 37-45.		0
52	Understanding the Dynamics of Phosphorus Starvation and Plant Growth. , 2017, , 147-154.		0
53	Regulatory Role of Mineral Nutrients in Nurturing of Medicinal Legumes Under Salt Stress. , 2017, , 309-334.		7
54	Nutrients Requirement of Medicinal Plants of Dhofar Region of Oman. , 2017, , 71-80.		0

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55	Strategies for Enhancing Artemisinin Production in <i>Artemisia annua</i> Under Changing Environment. , 2017, , 227-246.		1
56	Modulation of physiological activities, active constituents and essential oil production of <i>Mentha arvensis</i> L. by concomitant application of depolymerised carrageenan, triacontanol and 28-homobrassinolide. <i>Journal of Essential Oil Research</i> , 2017, 29, 179-188.	2.7	25
57	Exogenously sourced γ -irradiated chitosan-mediated regulation of growth, physiology, quality attributes, and yield in <i>Mentha piperita</i> L.. <i>Turkish Journal of Biology</i> , 2017, 41, 388-401.	0.8	36
58	Regulation of functional activities and essential oil production in <i>Vetiveria zizanioides</i> L. Nash after γ -irradiated sodium alginate elicitation. <i>Turkish Journal of Biology</i> , 2017, 41, 661-672.	0.8	25
59	Proliferating effect of radiolytically depolymerized carrageenan on physiological attributes, plant water relation parameters, essential oil production and active constituents of <i>Cymbopogon flexuosus</i> Steud. under drought stress. <i>PLoS ONE</i> , 2017, 12, e0180129.	2.5	20
60	Elucidating the dynamics of physiology and essential oil production in lemongrass using alginate oligomers under field conditions. <i>Journal of Functional and Environmental Botany</i> , 2017, 7, 26.	0.1	4
61	Effect of nitrogen on growth, nutrient assimilation, essential oil content, yield and quality attributes in <i>Zingiber officinale</i> Rosc.. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2016, 15, 171-178.	1.9	30
62	Modulation of alkaloid content, growth and productivity of <i>Trigonella foenum-graecum</i> L. using irradiated sodium alginate in combination with soil applied phosphorus. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2016, 3, 200-210.	1.5	18
63	Simultaneous use of irradiated sodium alginate and nitrogen and phosphorus fertilizers enhance growth, biomass and artemisinin biosynthesis in <i>Artemisia annua</i> L.. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2016, 3, 186-194.	1.5	14
64	Radiation Processed Carrageenan Improves Plant Growth, Physiological Activities, and Alkaloids Production in <i>Catharanthus roseus</i> L.. <i>Advances in Botany</i> , 2015, 2015, 1-11.	3.4	13
65	Cumulative effect of gibberellic acid and phosphorus on crop productivity, biochemical activities and trigonelline production in <i>Trigonella foenum-graecum</i> L.. <i>Cogent Food and Agriculture</i> , 2015, 1, 995950.	1.4	11
66	Jasmonates counter plant stress: A Review. <i>Environmental and Experimental Botany</i> , 2015, 115, 49-57.	4.2	265
67	Effect of Co-60 gamma irradiated chitosan and phosphorus fertilizer on growth, yield and trigonelline content of <i>Trigonella foenum-graecum</i> L.. <i>Journal of Radiation Research and Applied Sciences</i> , 2015, 8, 446-458.	1.2	34
68	Radiolytically degraded sodium alginate enhances plant growth, physiological activities and alkaloids production in <i>Catharanthus roseus</i> L.. <i>Journal of Radiation Research and Applied Sciences</i> , 2015, 8, 606-616.	1.2	22
69	Effects of gamma-irradiated sodium alginate on lemongrass: field trials monitoring production of essential oil. <i>Industrial Crops and Products</i> , 2015, 63, 269-275.	5.2	16
70	Use of N and P biofertilizers reduces inorganic phosphorus application and increases nutrient uptake, yield, and seed quality of chickpea. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2014, 38, 47-54.	2.1	13
71	Effect of irradiated sodium alginate and phosphorus on biomass and artemisinin production in <i>Artemisia annua</i> . <i>Carbohydrate Polymers</i> , 2014, 110, 396-404.	10.2	33
72	Changes in growth, yield, photosynthetic characteristics, enzyme activities and essential oil production of fennel (<i>Foeniculum vulgare</i> Mill.) under growth regulator treatments. <i>Journal of Essential Oil Research</i> , 2014, 26, 105-113.	2.7	1

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73	Employing depolymerised sodium alginate, triacontanol and 28-homobrassinolide in enhancing physiological activities, production of essential oil and active components in <i>Mentha arvensis</i> L. <i>Industrial Crops and Products</i> , 2014, 55, 272-279.	5.2	30
74	Radiolytically depolymerized sodium alginate improves physiological activities, yield attributes and composition of essential oil of <i>Eucalyptus citriodora</i> Hook. <i>Carbohydrate Polymers</i> , 2014, 112, 134-144.	10.2	36
75	Effect of Mineral Nutrition, Growth Regulators and Environmental Stresses on Biomass Production and Artemisinin Concentration of <i>Artemisia annua</i> L., 2014, , 157-172.		4
76	<i>Artemisia annua</i> : A Miraculous Herb to Cure Malaria. , 2014, , 27-49.		4
77	Task of Mineral Nutrients in Eutrophication. , 2014, , 223-237.		6
78	Cumulative role of irradiated sodium alginate and nitrogen fertilizer on growth, biochemical processes and artemisinin production in <i>Artemisia annua</i> . <i>Industrial Crops and Products</i> , 2013, 50, 874-881.	5.2	29
79	Adverse Effects of Abiotic Stresses on Medicinal and Aromatic Plants and Their Alleviation by Calcium. , 2013, , 101-146.		8
80	Salicylic acid restrains nickel toxicity, improves antioxidant defence system and enhances the production of anticancer alkaloids in <i>Catharanthus roseus</i> (L.). <i>Journal of Hazardous Materials</i> , 2013, 252-253, 367-374.	12.4	49
81	CRITICAL DOSE OF NITROGEN AND PHOSPHORUS ENHANCED GROWTH, YIELD AND ALKALOID CONTENT IN <i>WITHANIA SOMNIFERA</i> L.. <i>Journal of Plant Nutrition</i> , 2012, 35, 1705-1724.	1.9	4
82	Exogenous salicylic acid stimulates physiological and biochemical changes to improve growth, yield and active constituents of fennel essential oil. <i>Plant Growth Regulation</i> , 2012, 68, 281-291.	3.4	39
83	Depolymerized carrageenan ameliorates growth, physiological attributes, essential oil yield and active constituents of <i>Foeniculum vulgare</i> Mill. <i>Carbohydrate Polymers</i> , 2012, 90, 407-412.	10.2	36
84	Exogenous nitric oxide donor protects <i>Artemisia annua</i> from oxidative stress generated by boron and aluminium toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 60-68.	6.0	60
85	Triacontanol: a potent plant growth regulator in agriculture. <i>Journal of Plant Interactions</i> , 2012, 7, 129-142.	2.1	73
86	Alleviation of salt stress in lemongrass by salicylic acid. <i>Protoplasma</i> , 2012, 249, 709-720.	2.1	48
87	Depolymerised carrageenan enhances physiological activities and menthol production in <i>Mentha arvensis</i> L.. <i>Carbohydrate Polymers</i> , 2012, 87, 1211-1218.	10.2	55
88	Gamma irradiated sodium alginate induced modulation of phosphoenolpyruvate carboxylase and production of essential oil and citral content of lemongrass. <i>Industrial Crops and Products</i> , 2012, 40, 62-68.	5.2	30
89	Brassinosteroid-mediated enrichment in yield attributes, active constituents and essential oil production in <i>Mentha arvensis</i> L.. <i>Russian Agricultural Sciences</i> , 2012, 38, 106-113.	0.2	21
90	Modulation of defence responses by improving photosynthetic activity, antioxidative metabolism, and vincristine and vinblastine accumulation in <i>Catharanthus roseus</i> (L.) G. Don through salicylic acid under water stress. <i>Russian Agricultural Sciences</i> , 2011, 37, 474-482.	0.2	12

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91	Growth, photosynthetic efficiency and metabolic alterations associated with exogenous hydrogen peroxide in <i>Artemisia annua</i> : Overproduction of artemisinin. <i>Russian Agricultural Sciences</i> , 2011, 37, 212-219.	0.2	1
92	Triacontanol-mediated regulation of growth and other physiological attributes, active constituents and yield of <i>Mentha arvensis</i> L.. <i>Plant Growth Regulation</i> , 2011, 65, 195-206.	3.4	44
93	Methyl jasmonate counteracts boron toxicity by preventing oxidative stress and regulating antioxidant enzyme activities and artemisinin biosynthesis in <i>Artemisia annua</i> L.. <i>Protoplasma</i> , 2011, 248, 601-612.	2.1	79
94	Role of Salicylic Acid in Promoting Salt Stress Tolerance and Enhanced Artemisinin Production in <i>Artemisia annua</i> L.. <i>Journal of Plant Growth Regulation</i> , 2011, 30, 425-435.	5.1	108
95	Enhancing the growth, photosynthetic capacity and artemisinin content in <i>Artemisia annua</i> L. by irradiated sodium alginate. <i>Radiation Physics and Chemistry</i> , 2011, 80, 833-836.	2.8	65
96	Influence of alginate oligosaccharides on growth, yield and alkaloid production of opium poppy (<i>Papaver somniferum</i> L.). <i>Frontiers of Agriculture in China</i> , 2011, 5, 122-127.	0.2	60
97	Optimizing nitrogen levels combined with gibberellic acid for enhanced yield, photosynthetic attributes, enzyme activities, and artemisinin content of <i>Artemisia annua</i> . <i>Frontiers of Agriculture in China</i> , 2011, 5, 51-59.	0.2	10
98	Salicylic acid mitigates salinity stress by improving antioxidant defence system and enhances vincristine and vinblastine alkaloids production in periwinkle [<i>Catharanthus roseus</i> (L.) G. Don]. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 987-999.	2.1	103
99	Calcium chloride and gibberellic acid protect linseed (<i>Linum usitatissimum</i> L.) from NaCl stress by inducing antioxidative defence system and osmoprotectant accumulation. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 121-132.	2.1	194
100	Boron Induced Oxidative Stress, Antioxidant Defence Response and Changes in Artemisinin Content in <i>Artemisia annua</i> L.. <i>Journal of Agronomy and Crop Science</i> , 2010, 196, 423-430.	3.5	68
101	Stimulation of crop productivity, photosynthesis and artemisinin production in <i>Artemisia annua</i> L. by triacontanol and gibberellic acid application. <i>Journal of Plant Interactions</i> , 2010, 5, 273-281.	2.1	78
102	Phosphorus ameliorates crop productivity, photosynthetic efficiency, nitrogen-fixation, activities of the enzymes and content of nutraceuticals of <i>Lablab purpureus</i> L.. <i>Scientia Horticulturae</i> , 2010, 126, 205-214.	3.6	24
103	Salicylic acid-induced physiological and biochemical changes in lemongrass varieties under water stress. <i>Journal of Plant Interactions</i> , 2010, 5, 293-303.	2.1	109
104	Phosphorus ameliorates crop productivity, photosynthesis, nitrate reductase activity and nutrient accumulation in coffee senna (<i>Senna occidentalis</i> L.) under phosphorus-deficient soil. <i>Journal of Plant Interactions</i> , 2009, 4, 145-153.	2.1	30
105	Calcium ameliorates photosynthetic capacity, nitrate reductase, carbonic anhydrase, nitrogen assimilation, yield and quality of <i>Cassia sophora</i> L. a medicinal legume. <i>Physiology and Molecular Biology of Plants</i> , 2009, 15, 237-247.	3.1	8
106	Triacontanol stimulates nitrogen-fixation, enzyme activities, photosynthesis, crop productivity and quality of hyacinth bean (<i>Lablab purpureus</i> L.). <i>Scientia Horticulturae</i> , 2009, 121, 389-396.	3.6	49
107	Agrobotanical Attributes, Nitrogen-Fixation, Enzyme Activities and Nutraceuticals of Hyacinth Bean (<i>Lablab purpureus</i> L.): A Bio-Functional Medicinal Legume. <i>American Journal of Plant Physiology</i> , 2009, 4, 58-69.	0.2	9
108	Role of Nitrogen and Gibberellin (GA ₃) in the Regulation of Enzyme Activities and in Osmoprotectant Accumulation in <i>Brassica juncea</i> L. under Salt Stress. <i>Journal of Agronomy and Crop Science</i> , 2008, 194, 214-224.	3.5	108

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109	Cumulative Effect of Soil and Foliar Application of Nitrogen, Phosphorus, and Sulfur on Growth, Physico-Biochemical Parameters, Yield Attributes, and Fatty Acid Composition in Oil of Erucic Acid-Free Rapeseed-Mustard Genotypes. <i>Journal of Plant Nutrition</i> , 2008, 31, 1284-1298.	1.9	19
110	Gibberellic acid and triacontanol can ameliorate the opium yield and morphine production in opium poppy (<i>Papaver somniferum</i> L.). <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2007, 57, 307-312.	0.6	4
111	Influence of Calcium on Crop Yield and Biochemical Attributes, Anthraquinone and Sennoside Contents of <i>Cassia tora</i> L. Roxb. "A Medicinal Legume. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2006, 12, 61-73.	1.1	0
112	Response of Black Nightshade (<i>Solanum nigrum</i> L.) to Phosphorus Application. <i>Journal of Agronomy and Crop Science</i> , 2000, 184, 157-163.	3.5	13
113	Changes in the essential oil constituents of fennel (<i>Foeniculum vulgare</i>) as influenced by soil and foliar levels of N and P. <i>Canadian Journal of Plant Science</i> , 1999, 79, 587-591.	0.9	8
114	Response of Black Nightshade (<i>Solanum nigrum</i> L.) to Nitrogen Application. <i>Journal of Agronomy and Crop Science</i> , 1995, 174, 91-98.	3.5	1
115	Yield and quality of fennel (<i>Foeniculum vulgare</i> Mill.) in relation to basal and foliar application of nitrogen and phosphorus. <i>Journal of Plant Nutrition</i> , 1992, 15, 2505-2515.	1.9	9
116	Irradiated sodium alginate improves plant growth, physiological activities and active constituents in <i>Mentha arvensis</i> L.. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 28-35.	1.0	26
117	Suffer or Survive: Decoding Salt-Sensitivity of Lemongrass and Its Implication on Essential Oil Productivity. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	11