

# Altaf Ahmad

## List of Publications by Year in descending order

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132  
papers

3,851  
citations

126708

33  
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161609

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138  
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138  
docs citations

138  
times ranked

4278  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological, Agronomical, and Proteomic Studies Reveal Crucial Players in Rice Nitrogen Use Efficiency under Low Nitrogen Supply. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6410.	1.8	9
2	Impact of Ferrous Sulfate on Thylakoidal Multiprotein Complexes, Metabolism and Defence of <i>Brassica juncea</i> L. under Arsenic Stress. <i>Plants</i> , 2022, 11, 1559.	1.6	1
3	Salinity tolerance mechanism in the aquatic nitrogen fixing pteridophyte <i>Azolla</i> : a review. <i>Symbiosis</i> , 2021, 83, 129-142.	1.2	5
4	Antibacterial and Antifungal Activity of the Extracts of Different Parts of <i>Avicennia marina</i> (Forssk.) Vierh. <i>Plants</i> , 2021, 10, 252.	1.6	29
5	Nitrogen Challenges and Opportunities for Agricultural and Environmental Science in India. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	29
6	FRET-Based Genetically Encoded Nanosensor for Real-Time Monitoring of the Flux of $\hat{I}\pm$ -Tocopherol in Living Cells. <i>ACS Omega</i> , 2021, 6, 9020-9027.	1.6	3
7	Designing and Development of FRET-Based Nanosensor for Real Time Analysis of N-Acetyl-5-Neuraminic Acid in Living Cells. <i>Frontiers in Nutrition</i> , 2021, 8, 621273.	1.6	2
8	Ethylene reduces glucose sensitivity and reverses photosynthetic repression through optimization of glutathione production in salt-stressed wheat ( <i>Triticum aestivum</i> L.). <i>Scientific Reports</i> , 2021, 11, 12650.	1.6	36
9	Suitability of Indian mustard genotypes for phytoremediation of mercury-contaminated sites. <i>South African Journal of Botany</i> , 2021, 142, 12-18.	1.2	11
10	TDZ-Induced Efficient Micropropagation from Juvenile Nodal Segment of <i>Syzygium cumini</i> (Skill): A Recalcitrant Tree. , 2021, , 163-175.		4
11	Modulation in growth, biochemical attributes and proteome profile of rice cultivars under salt stress. <i>Plant Physiology and Biochemistry</i> , 2020, 146, 55-70.	2.8	49
12	Real-Time Optical Detection of Isoleucine in Living Cells through a Genetically-Encoded Nanosensor. <i>Sensors</i> , 2020, 20, 146.	2.1	5
13	Low nitrogen stress regulates chlorophyll fluorescence in coordination with photosynthesis and Rubisco efficiency of rice. <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 83-94.	1.4	24
14	Reactive oxygen species detection-approaches in plants: Insights into genetically encoded FRET-based sensors. <i>Journal of Biotechnology</i> , 2020, 308, 108-117.	1.9	16
15	Construction and characterization of protein-based cysteine nanosensor for the real time measurement of cysteine level in living cells. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 273-284.	3.6	10
16	Designing and construction of genetically encoded FRET-based nanosensor for qualitative analysis of digoxin. <i>Journal of Biotechnology</i> , 2020, 323, 322-330.	1.9	3
17	Construction of a Nanosensor for Non-Invasive Imaging of Hydrogen Peroxide Levels in Living Cells. <i>Biology</i> , 2020, 9, 430.	1.3	2
18	Analysis of Proteomic Profile of Contrasting Phosphorus Responsive Rice Cultivars Grown under Phosphorus Deficiency. <i>Agronomy</i> , 2020, 10, 1028.	1.3	9

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19	Metabolite Profiling and Network Analysis Reveal Coordinated Changes in Low-N Tolerant and Low-N Sensitive Maize Genotypes under Nitrogen Deficiency and Restoration Conditions. <i>Plants</i> , 2020, 9, 1459.	1.6	8
20	Leveraging the Pathophysiological Alterations of Obstructive Nephropathy to Treat Renal Fibrosis by Cerium Oxide Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3563-3573.	2.6	8
21	Metabolic Regulation Analysis of Ajmalicine Biosynthesis Pathway in <i>Catharanthus roseus</i> (L.) G. Don Suspension Culture Using Nanosensor. <i>Processes</i> , 2020, 8, 589.	1.3	5
22	Development of an In Vitro Propagation Protocol and a Sequence Characterized Amplified Region (SCAR) Marker of <i>Viola serpens</i> Wall. ex Ging. <i>Plants</i> , 2020, 9, 246.	1.6	3
23	Real-time monitoring of glutathione in living cells using genetically encoded FRET-based ratiometric nanosensor. <i>Scientific Reports</i> , 2020, 10, 992.	1.6	15
24	A Non-Invasive Tool for Real-Time Measurement of Sulfate in Living Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2572.	1.8	5
25	Metabolic Flux Analysis of Catechin Biosynthesis Pathways Using Nanosensor. <i>Antioxidants</i> , 2020, 9, 288.	2.2	12
26	A Fluorescence Resonance Energy Transfer-Based Analytical Tool for Nitrate Quantification in Living Cells. <i>ACS Omega</i> , 2020, 5, 30306-30314.	1.6	6
27	Current Status of Nanosensors in Biological Sciences. , 2020, , 15-41.		0
28	Proteome Profiling of the Mutagen-Induced Morphological and Yield Macro-Mutant Lines of <i>Nigella sativa</i> L.. <i>Plants</i> , 2019, 8, 321.	1.6	3
29	Targeted SHP-1 Silencing Modulates the Macrophage Phenotype, Leading to Metabolic Improvement in Dietary Obese Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 626-636.	2.3	11
30	Proteomics Insights Into Salt Stress Signaling in Plants. , 2019, , 479-497.		3
31	Conversion of Cytochrome P450 2D6 of Human Into a FRET-Based Tool for Real-Time Monitoring of Ajmalicine in Living Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 375.	2.0	9
32	Regulation of Leaf Senescence by Macromolecule Degradation and Hormones. , 2019, , 61-97.		1
33	Nutrient alginate encapsulation of nodal segments of <i>Althaea officinalis</i> L., for short-term conservation and germplasm exchange. <i>Plant Biosystems</i> , 2018, 152, 1256-1262.	0.8	11
34	Salinity induced changes in the chloroplast proteome of the aquatic pteridophyte <i>Azolla microphylla</i> . <i>Symbiosis</i> , 2018, 75, 61-67.	1.2	6
35	Live cell imaging of vitamin B12 dynamics by genetically encoded fluorescent nanosensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 866-874.	4.0	24
36	Role of green fluorescent proteins and their variants in development of FRET-based sensors. <i>Journal of Biosciences</i> , 2018, 43, 763-784.	0.5	11

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37	Role of green fluorescent proteins and their variants in development of FRET-based sensors. <i>Journal of Biosciences</i> , 2018, 43, 763-784.	0.5	1
38	Salinity-induced inhibition of growth in the aquatic pteridophyte <i>Azolla microphylla</i> primarily involves inhibition of photosynthetic components and signaling molecules as revealed by proteome analysis. <i>Protoplasma</i> , 2017, 254, 303-313.	1.0	22
39	Antioxidant response and proteomic modulations in Indian mustard grown under salt stress. <i>Plant Growth Regulation</i> , 2017, 81, 31-50.	1.8	36
40	Drought-Enhanced Xylem Sap Sulfate Closes Stomata by Affecting ALMT12 and Guard Cell ABA Synthesis. <i>Plant Physiology</i> , 2017, 174, 798-814.	2.3	95
41	Nitrogen-regulated changes in total amino acid profile of maize genotypes having contrasting response to nitrogen deficit. <i>Protoplasma</i> , 2017, 254, 2143-2153.	1.0	18
42	Inhibition of Src homology 2 domain containing protein tyrosine phosphatase as the possible mechanism of metformin-assisted amelioration of obesity induced insulin resistance in high fat diet fed C57BL/6J mice. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 54-61.	1.0	10
43	Molecular Network of Monoterpene Indole Alkaloids (MIAs) Signaling in Plants with Reference to <i>Catharanthus roseus</i> (L.) G. Don. , 2017, , 37-67.		0
44	Phytoremediation and Rhizoremediation: Uptake, Mobilization and Sequestration of Heavy Metals by Plants. , 2017, , 367-394.		25
45	Sample preparation method for tissue based proteomic analysis of <i>Azolla microphylla</i> . <i>Symbiosis</i> , 2017, 72, 207-214.	1.2	2
46	SCAR MARKER DEVELOPMENT FOR THE CORRECT IDENTIFICATION OF IRIS ENSATA. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2017, 9, 201.	0.3	0
47	Responsive Proteins in Wheat Cultivars with Contrasting Nitrogen Efficiencies under the Combined Stress of High Temperature and Low Nitrogen. <i>Genes</i> , 2017, 8, 356.	1.0	16
48	GENETIC DIVERSITY IN ACCESSIONS OF INDIAN TURMERIC ( <i>CURCUMA LONGA</i> L.) USING RAPD MARKERS. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2017, 9, 288.	0.3	5
49	Nitrogen-Deficiency Stress Induces Protein Expression Differentially in Low-N Tolerant and Low-N Sensitive Maize Genotypes. <i>Frontiers in Plant Science</i> , 2016, 7, 298.	1.7	33
50	Nitrogen-Efficient and Nitrogen-Inefficient Indian Mustard Showed Differential Expression Pattern of Proteins in Response to Elevated CO <sub>2</sub> and Low Nitrogen. <i>Frontiers in Plant Science</i> , 2016, 7, 1074.	1.7	10
51	Designing, construction and characterization of genetically encoded FRET-based nanosensor for real time monitoring of lysine flux in living cells. <i>Journal of Nanobiotechnology</i> , 2016, 14, 49.	4.2	51
52	Protein tyrosine phosphatase SHP-1: resurgence as new drug target for human autoimmune disorders. <i>Immunologic Research</i> , 2016, 64, 804-819.	1.3	25
53	Live cell monitoring of glycine betaine by FRET-based genetically encoded nanosensor. <i>Biosensors and Bioelectronics</i> , 2016, 86, 169-175.	5.3	25
54	Salt-stress-responsive chloroplast proteins in <i>Brassica juncea</i> genotypes with contrasting salt tolerance and their quantitative PCR analysis. <i>Protoplasma</i> , 2016, 253, 1565-1575.	1.0	27

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55	Implication of protein tyrosine phosphatase SHP-1 in cancer-related signaling pathways. <i>Future Oncology</i> , 2016, 12, 1287-1298.	1.1	27
56	Salt stress-induced modulations in the shoot proteome of <i>Brassica juncea</i> genotypes. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2391-2401.	2.7	31
57	Giant cell tumor of axis: A rare entity. <i>Journal of Pediatric Neurology</i> , 2015, 05, 351-354.	0.0	1
58	Genotypic Variation in Phytoremediation Potential of Indian Mustard Exposed to Nickel Stress: A Hydroponic Study. <i>International Journal of Phytoremediation</i> , 2015, 17, 135-144.	1.7	26
59	Cultivar specific variations in antioxidative defense system, genome and proteome of two tropical rice cultivars against ambient and elevated ozone. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 101-111.	2.9	64
60	Nitrogen stress-induced alterations in the leaf proteome of two wheat varieties grown at different nitrogen levels. <i>Physiology and Molecular Biology of Plants</i> , 2015, 21, 19-33.	1.4	19
61	FRET-based genetically-encoded sensors for quantitative monitoring of metabolites. <i>Biotechnology Letters</i> , 2015, 37, 1919-1928.	1.1	29
62	Determination of Curcuminoids in <i>Curcuma longa</i> Linn. by UPLC/Q-TOF-MS: An Application in Turmeric Cultivation. <i>Journal of Chromatographic Science</i> , 2015, 53, 1346-1352.	0.7	35
63	Genetically encoded FRET-based nanosensor for in vivo monitoring of zinc concentration in physiological environment of living cell. <i>Biochemical Engineering Journal</i> , 2015, 102, 62-68.	1.8	6
64	Photosynthesis and growth responses of mustard ( <i>Brassica juncea</i> L. cv Pusa Bold) plants to free air carbon dioxide enrichment (FACE). <i>Protoplasma</i> , 2015, 252, 935-946.	1.0	22
65	Physiological and molecular alterations in plants exposed to high [CO <sub>2</sub> ] under phosphorus stress. <i>Biotechnology Advances</i> , 2015, 33, 303-316.	6.0	53
66	Elevated CO <sub>2</sub> Improves Growth and Phosphorus Utilization Efficiency in Cereal Species Under Sub-Optimal Phosphorus Supply. <i>Journal of Plant Nutrition</i> , 2015, 38, 1196-1217.	0.9	20
67	Improving the phytoextraction capacity of plants to scavenge metal(loid)-contaminated sites. <i>Environmental Reviews</i> , 2015, 23, 44-65.	2.1	65
68	Metabolite Profiling of Low-P Tolerant and Low-P Sensitive Maize Genotypes under Phosphorus Starvation and Restoration Conditions. <i>PLoS ONE</i> , 2015, 10, e0129520.	1.1	86
69	Analysis of Genetic Diversity and Population Structure of Rice Germplasm from North-Eastern Region of India and Development of a Core Germplasm Set. <i>PLoS ONE</i> , 2014, 9, e113094.	1.1	59
70	Root carboxylate exudation capacity under phosphorus stress does not improve grain yield in green gram. <i>Plant Cell Reports</i> , 2014, 33, 919-928.	2.8	52
71	Genetic diversity analysis of <i>Zingiber Officinale</i> Roscoe by RAPD collected from subcontinent of India. <i>Saudi Journal of Biological Sciences</i> , 2014, 21, 159-165.	1.8	25
72	Determination of Gingerols in Ginger by Ultra-High Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Letters</i> , 2014, 47, 2120-2128.	1.0	14

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73	In vitro propagation and the acclimatization effect on the synthesis of 2-hydroxy-4-methoxy benzaldehyde in <i>Decalepis hamiltonii</i> Wight and Arn.. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 2331-2344.	1.0	18
74	Genetically-encoded nanosensor for quantitative monitoring of methionine in bacterial and yeast cells. <i>Biosensors and Bioelectronics</i> , 2014, 59, 358-364.	5.3	58
75	Physiological studies and proteomic analysis for differentially expressed proteins and their possible role in the root of N-efficient rice ( <i>Oryza sativa</i> L.). <i>Molecular Breeding</i> , 2013, 32, 785-798.	1.0	15
76	Changes in growth, lipid peroxidation and some key antioxidant enzymes in chickpea genotypes under salt stress. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 1039-1050.	1.0	269
77	Genetically encoded FRET-based nanosensor for in vivo measurement of leucine. <i>Biosensors and Bioelectronics</i> , 2013, 50, 72-77.	5.3	67
78	Stress Signaling in Plants: Genomics and Proteomics Perspective, Volume 1. , 2013, , .		7
79	Selection of an apt support for the immobilization of microbes for the development of a BOD biosensor. <i>Analytical Methods</i> , 2013, 5, 1533.	1.3	2
80	Screening Indian Mustard Genotypes for Phytoremediating Arsenicâ€Contaminated Soils. <i>Clean - Soil, Air, Water</i> , 2013, 41, 195-201.	0.7	30
81	Chromium Toxicity and Tolerance in Crop Plants. , 2013, , 309-332.		0
82	RAPD Markers Associated with Salt Tolerance in Soybean Genotypes Under Salt Stress. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 257-272.	1.4	17
83	Identification of the Phytoremediation Potential of Indian mustard Genotypes for Copper, Evaluated from a Hydroponic Experiment. <i>Clean - Soil, Air, Water</i> , 2013, 41, 789-796.	0.7	16
84	Signal Transduction and Regulatory Networks in Plant-Pathogen Interaction: A Proteomics Perspective. , 2013, , 69-90.		4
85	Auxin Genes and Auxin Responsive Factors in Signaling During Leaf Senescence. , 2013, , 91-103.		0
86	Molecular Network of Nitrogen and Sulphur Signaling in Plants. , 2013, , 191-223.		1
87	Symbiotic Nitrogen Fixation by Lentil Improves Biochemical Characteristics and Yield of Intercropped Wheat Under Low Fertilizer Input. <i>Journal of Crop Improvement</i> , 2013, 27, 53-66.	0.9	8
88	Differential response of wheat genotypes to applied nitrogen: biochemical and molecular analysis. <i>Archives of Agronomy and Soil Science</i> , 2012, 58, 915-929.	1.3	12
89	Variability of nitrogen uptake and assimilation among N-efficient and N-inefficient wheat ( <i>Triticum</i> ) Tj ETQq1 1 0.784314 rgBTj/Overl	1.0	11
90	Reactive Nitrogen Inflows and Nitrogen Use Efficiency in Agriculture: An Environment Perspective. , 2012, , 217-232.		6

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91	Physiological and Molecular Analysis of Applied Nitrogen in Rice Genotypes. <i>Rice Science</i> , 2012, 19, 213-222.	1.7	23
92	Proteomic Analysis for Low and High Nitrogen-Responsive Proteins in the Leaves of Rice Genotypes Grown at Three Nitrogen Levels. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 834-850.	1.4	38
93	Stimuli responsive polymeric nanoparticles in regulated drug delivery for cancer. <i>Polish Journal of Chemical Technology</i> , 2012, 14, 57-64.	0.3	10
94	Validated HPTLC analysis method for quantification of variability in content of curcumin in <i>Curcuma longa</i> L (turmeric) collected from different geographical region of India. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S584-S588.	0.5	34
95	Visualization of Glutamine Transporter Activities in Living Cells Using Genetically Encoded Glutamine Sensors. <i>PLoS ONE</i> , 2012, 7, e38591.	1.1	51
96	Restructuring BOD&#x2013;COD Ratio of Dairy Milk Industrial Wastewaters in BOD Analysis by Formulating a Specific Microbial Seed. <i>Scientific World Journal</i> , The, 2012, 2012, 1-7.	0.8	10
97	Application of loop-mediated isothermal amplification (LAMP)-based technology for authentication of <i>Catharanthus roseus</i> (L.) G. Don. <i>Protoplasma</i> , 2012, 249, 417-422.	1.0	21
98	Identification and Comparative Analysis of MicroRNAs Associated with Low-N Tolerance in Rice Genotypes. <i>PLoS ONE</i> , 2012, 7, e50261.	1.1	76
99	Comparative studies on antioxidant enzyme action and ion accumulation in soybean cultivars under salinity stress. <i>Journal of Environmental Biology</i> , 2012, 33, 9-20.	0.2	10
100	Modulation of glutathione and its related enzymes in plants&#x2019; responses to toxic metals and metalloids&#x2013;A review. <i>Environmental and Experimental Botany</i> , 2011, 75, 307-307.	2.0	84
101	Sulfur starvation and restoration affect nitrate uptake and assimilation in rapeseed. <i>Protoplasma</i> , 2011, 248, 299-311.	1.0	24
102	Constitutive expression of high-affinity sulfate transporter (HAST) gene in Indian mustard showed enhanced sulfur uptake and assimilation. <i>Protoplasma</i> , 2011, 248, 591-600.	1.0	10
103	Nitrogen-efficient rice cultivars can reduce nitrate pollution. <i>Environmental Science and Pollution Research</i> , 2011, 18, 1184-1193.	2.7	99
104	Uptake-related parameters as indices of phytoremediation potential. <i>Biologia (Poland)</i> , 2010, 65, 1004-1011.	0.8	41
105	Variability in Indian bread wheat ( <i>Triticum aestivum</i> L.) varieties differing in nitrogen efficiency as assessed by microsatellite markers. <i>Protoplasma</i> , 2010, 242, 55-67.	1.0	15
106	Induction of phytochelatin and antioxidant defence system in <i>Brassica juncea</i> and <i>Vigna radiata</i> in response to chromium treatments. <i>Plant Growth Regulation</i> , 2010, 61, 97-107.	1.8	102
107	Effect of calcium against salinity-induced inhibition in growth, ion accumulation and proline contents in <i>Cichorium intybus</i> L. <i>Journal of Environmental Biology</i> , 2010, 31, 939-44.	0.2	34
108	Mercury-induced changes in growth variables and antioxidative enzyme activities in Indian mustard. <i>Journal of Plant Interactions</i> , 2009, 4, 131-136.	1.0	22

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109	Morphological changes and antioxidant defence systems in soybean genotypes as affected by salt stress. <i>Journal of Plant Interactions</i> , 2009, 4, 295-306.	1.0	12
110	Chromium-Induced Modulation in the Antioxidant Defense System During Phenological Growth Stages of Indian Mustard. <i>International Journal of Phytoremediation</i> , 2009, 12, 142-158.	1.7	22
111	Phytoremediation of Heavy Metals: Physiological and Molecular Mechanisms. <i>Botanical Review</i> , The, 2009, 75, 339-364.	1.7	235
112	Global Climate Change, Stress and Plant Productivity. , 2009, , 503-521.		49
113	Modulation of antioxidant defence system for arsenic detoxification in Indian mustard. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 626-634.	2.9	126
114	Sulphur protects mustard ( <i>Brassica campestris</i> L.) from cadmium toxicity by improving leaf ascorbate and glutathione. <i>Plant Growth Regulation</i> , 2008, 54, 271-279.	1.8	168
115	Genotypic Variation in the Phytoremediation Potential of Indian Mustard for Chromium. <i>Environmental Management</i> , 2008, 41, 734-741.	1.2	65
116	Responses of Components of Antioxidant System in Moongbean Genotypes to Cadmium Stress. <i>Communications in Soil Science and Plant Analysis</i> , 2008, 39, 2469-2483.	0.6	37
117	Genotypic variation of nitrogen use efficiency in Indian mustard. <i>Environmental Pollution</i> , 2008, 154, 462-466.	3.7	23
118	Ontogenic variation in response of <i>Brassica campestris</i> L. to cadmium toxicity. <i>Journal of Plant Interactions</i> , 2008, 3, 189-198.	1.0	50
119	Effect of Timing of Sulfur Fertilizer Application on Growth and Yield of Rapeseed. <i>Journal of Plant Nutrition</i> , 2005, 28, 1049-1059.	0.9	39
120	Role of sulphate transporter systems in sulphur efficiency of mustard genotypes. <i>Plant Science</i> , 2005, 169, 842-846.	1.7	33
121	Relationship between Soil Nitrate Content and Activities of NADH: and NAD(P)H:Nitrate Reductases in Indian Mustard. <i>Biologia Plantarum</i> , 2003, 46, 295-296.	1.9	0
122	Photosynthesis and Nitrogen-Use Efficiency. , 2002, , 23-34.		13
123	Biochemical Evaluation of Sulfur and Nitrogen Assimilation Potential of Mustard ( <i>Brassica juncea</i> L.) Tj ETQq1 1 0.784314 rgBT /Overl Biotechnology, 2001, 96, 167-172.	1.4	2
124	Interactive Effect of Sulphur and Nitrogen on the Oil and Protein Contents and on the Fatty Acid Profiles of Oil in the Seeds of Rapeseed ( <i>Brassica campestris</i> L.) and Mustard ( <i>Brassica juncea</i> L. Czern.) Tj ETQq0 0 0.784314 rgBT /Overl lock 10	1.7	52
125	Photosynthesis and its related physiological variables in the leaves of Brassica genotypes as influenced by sulphur fertilization. <i>Physiologia Plantarum</i> , 2000, 110, 144-149.	2.6	48
126	Effect of sulphur application on lipid, RNA and fatty acid content in developing seeds of rapeseed ( <i>Brassica campestris</i> L.). <i>Plant Science</i> , 2000, 150, 71-76.	1.7	47

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127	Effect of sulfur fertilisation on oil accumulation, acetyl-CoA concentration, and acetyl-CoA carboxylase activity in the developing seeds of rapeseed ( <i>Brassica campestris</i> L.). <i>Australian Journal of Agricultural Research</i> , 2000, 51, 1023.	1.5	19
128	Physiological Investigation of the Impact of Nitrogen and Sulphur Application on Seed and Oil Yield of Rapeseed ( <i>Brassica campestris</i> L.) and Mustard ( <i>Brassica juncea</i> L. Czern. and Coss.) Genotypes. <i>Journal of Agronomy and Crop Science</i> , 1999, 183, 19-25.	1.7	31
129	Effect of split application of sulphur and nitrogen on growth and yield attributes of Brassica genotypes differing in time of flowering. <i>Canadian Journal of Plant Science</i> , 1999, 79, 175-180.	0.3	33
130	NADH: nitrate reductase and NAD(P)H: nitrate reductase activities in mustard seedlings. <i>Plant Science</i> , 1999, 143, 1-8.	1.7	32
131	Interactive Effect of Nitrogen and Sulphur on Growth and Yield of Rapeâ€seedâ€Mustard (<i>Brassica</i>) Tj ETQq1 1 0.784314 rgBT /Over Crop Science, 1998, 181, 193-199.	1.7	38
132	Status of antioxidant defense system for detoxification of arsenic in <i>Brassica juncea</i> (L.). <i>Ecoprint an International Journal of Ecology</i> , 0, 22, 7-19.	0.1	4