Shabir H Wani

List of Publications by Year
in descending order

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173 papers	5,525 citations	159585 30 h-index	98798 67 g-index
193 all docs	193 docs citations	193 times ranked	5614 citing authors

#	Article	IF	Citations
1	Physiological and biochemical properties of wheat (Triticum aestivum L.) under different mulching and water management systems in the semi-arid region of Punjab, Pakistan. Arid Land Research and Management, 2022, 36, 181-196.	1.6	5
2	Explicating genetic diversity based on ITS characterization and determination of antioxidant potential in sea buckthorn (Hippophae spp.). Molecular Biology Reports, 2022, 49, 5229-5240.	2.3	4
3	Recent advancement in plant genetic engineering for efficient phytoremediation. , 2022, , 195-202.		1
4	Rhizosphere microbiomes can regulate plant drought tolerance. Pedosphere, 2022, 32, 61-74.	4.0	30
5	MYB-6 and LDOX-1 regulated accretion of anthocyanin response to cold stress in purple black carrot (Daucus carota L.). Molecular Biology Reports, 2022, 49, 5353-5364.	2.3	9
6	Crop simulation mediated assessment of climate change impact on rice grown under temperate high-altitude valley of Kashmir. Theoretical and Applied Climatology, 2022, 147, 1437-1451.	2.8	0
7	Inoculation of Azospirillum brasilense and exogenous application of trans-zeatin riboside alleviates arsenic induced physiological damages in wheat (Triticum aestivum). Environmental Science and Pollution Research, 2022, , 1.	5.3	13
8	Back to the wild: mining maize (Zea mays L.) disease resistance using advanced breeding tools. Molecular Biology Reports, 2022, 49, 5787-5803.	2.3	8
9	Genetic diversity for developing climate-resilient wheats to achieve food security goals. Advances in Agronomy, 2022, 171, 255-303.	5.2	7
10	Response of Rice (Oryza sativa L.) Cultivars to Variable Rate of Nitrogen under Wet Direct Seeding in Temperate Ecology. Sustainability, 2022, 14, 638.	3.2	2
11	Breeding More Crops in Less Time: A Perspective on Speed Breeding. Biology, 2022, 11, 275.	2.8	41
12	Genetic Improvement of Wheat and Barley Using Transgenic Approaches. , 2022, , 623-635.		1
13	Zinc Oxide Nanoparticles Interplay With Physiological and Biochemical Attributes in Terminal Heat Stress Alleviation in Mungbean (Vigna radiata L.). Frontiers in Plant Science, 2022, 13, 842349.	3.6	28
14	Molecular mechanisms, genetic mapping, and genome editing for insect pest resistance in field crops. Theoretical and Applied Genetics, 2022, 135, 3875-3895.	3.6	12
15	Identification of C-T novel polymorphism in 3rd exon of OsSPL14 gene governing seed sequence in rice. PLoS ONE, 2022, 17, e0264478.	2.5	5
16	Breeding Efforts for Crop Productivity in Abiotic Stress Environment. , 2022, , 63-103.		6
17	Heat Stress-Mediated Constraints in Maize (Zea mays) Production: Challenges and Solutions. Frontiers in Plant Science, 2022, 13, .	3.6	31
18	Abscisic Acid: Role in Fruit Development and Ripening. Frontiers in Plant Science, 2022, 13, .	3.6	22

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19	Mapping of quantitative trait loci for scab resistance in apple (Malusâ€‰Ã—â€‰domestica) variety, Shireen. Molecular Biology Reports, 2022, 49, 5555-5566.	2.3	2
20	Improving Zinc and Iron Biofortification in Wheat through Genomics Approaches. Molecular Biology Reports, 2022, 49, 8007-8023.	2.3	16
21	Orphan legumes: harnessing their potential for food, nutritional and health security through genetic approaches. Planta, 2022, 256, .	3.2	6
22	Biopriming of Maize Seeds with a Novel Bacterial Strain SH-6 to Enhance Drought Tolerance in South Korea. Plants, 2022, 11, 1674.	3.5	12
23	Potential of Trichoderma species in alleviating the adverse effects of biotic and abiotic stresses in plants. , 2021, , 85-112.		5
24	Wild Cotton Genepool: An Unopened Treasure. , 2021, , 19-53.		2
25	CRISPR/Cas system: A powerful approach for enhanced resistance against rice blast. , 2021, , 649-658.		0
26	Functional Role of miRNAs: Key Players in Soybean Improvement. Phyton, 2021, 90, 1339-1362.	0.7	4
27	Isolation of genes/quantitative trait loci for drought stress tolerance in maize.. , 2021, , 267-281.		0
28	Interactions of phytohormones with abiotic stress factors under changing climate. , 2021, , 221-236.		11
29	Molecular mapping of quantitative disease resistance loci for soybean partial resistance to Phytophthora sansomeana. Theoretical and Applied Genetics, 2021, 134, 1977-1987.	3.6	9
30	Improving rice salt tolerance by precision breeding in a new era. Current Opinion in Plant Biology, 2021, 60, 101996.	7.1	61
31	WRKY transcription factors and plant defense responses: latest discoveries and future prospects. Plant Cell Reports, 2021, 40, 1071-1085.	5.6	223
32	High-throughput Phenotyping for Abiotic Stress Resilience in Cereals. Journal of Cereal Research, 2021, 13, .	0.1	1
33	Osmotic Stress. , 2021, , 445-464.		5
34	Crosstalk of Multi-Omics Platforms with Plants of Therapeutic Importance. Cells, 2021, 10, 1296.	4.1	16
35	CRISPR-Based Genome Editing Tools: Insights into Technological Breakthroughs and Future Challenges. Genes, 2021, 12, 797.	2.4	22
36	Rewilding crops for climate resilience: economic analysis and de novo domestication strategies. Journal of Experimental Botany, 2021, 72, 6123-6139.	4.8	52

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37	Identification for surrogate drought tolerance in maize inbred lines utilizing high-throughput phenomics approach. PLoS ONE, 2021, 16, e0254318.	2.5	8
38	Next-Generation Breeding Strategies for Climate-Ready Crops. Frontiers in Plant Science, 2021, 12, 620420.	3.6	61
39	Stability analysis for quality, yield and yield attributing traits in heritage rice landrace Zag (Red Rice) of Kashmir Himalayas. Journal of Cereal Research, 2021, 13, .	0.1	1
40	De-novo Domestication for Improving Salt Tolerance in Crops. Frontiers in Plant Science, 2021, 12, 681367.	3.6	19
41	Phylogeny and Optimization of TrichodermaÂharzianum for Chitinase Production: Evaluation of Their Antifungal Behaviour against the Prominent Soil Borne Phyto-Pathogens of Temperate India. Microorganisms, 2021, 9, 1962.	3.6	15
42	System Biology Approach for Functional Analysis of Medicinal and Aromatic Plants. , 2021, , 629-643.		0
43	Medicinal and Aromatic Plants Under Abiotic Stress: A Crosstalk on Phytohormonesâ€™ Perspective. , 2021, , 115-132.		11
44	Doubled haploid production in advanced back cross generations and molecular cytogenetic characterization of rye chromatin in triticale ï¿½wheat derived doubled haploid lines. Biocell, 2021, 45, 1651-1659.	0.7	2
45	Wheat Wild Germplasm: A Hidden Treasure. , 2021, , 55-63.		1
46	Genome Editing and Trait Improvement in Wheat. , 2021, , 263-283.		7
47	Genomic Selection for Wheat Improvement. , 2021, , 175-207.		7
48	Defensive Mechanisms in Cucurbits against Melon Fly (Bactrocera cucurbitae) Infestation through Excessive Production of Defensive Enzymes and Antioxidants. Molecules, 2021, 26, 6345.	3.8	1
49	Integrating CRISPR-Cas and Next Generation Sequencing in Plant Virology. Frontiers in Genetics, 2021, 12, 735489.	2.3	15
50	Crop Establishment Methods and Weed Management Practices Affect Grain Yield and Weed Dynamics in Temperate Rice. Agronomy, 2021, 11, 2137.	3.0	8
51	Marker-Assisted Breeding for Resistance Against Wheat Rusts. , 2021, , 229-262.		7
52	Cross-talk of Compatible Solutes with Other Signalling Pathways in Plants. , 2021, , 205-222.		1
53	Osmosensing and Signalling in Plants: Potential Role in Crop Improvement Under Climate Change. , 2021, , 11-46.		3
54	Transcriptional and postâ€transcriptional mechanisms regulating salt tolerance in plants. Physiologia Plantarum, 2021, 173, 1291-1294.	5.2	4

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55	Multimeric Association of Purified Novel Bowman-Birk Inhibitor From the Medicinal Forage Legume Mucuna pruriens (L.) DC.. Frontiers in Plant Science, 2021, 12, 772046.	3.6	2
56	Wheat Proteins: A Valuable Resources to Improve Nutritional Value of Bread. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	10
57	Sugar Alcohols and Osmotic Stress Adaptation in Plants. , 2021, , 189-203.		2
58	Emerging Roles of Osmoprotectants in the Abiotic Stress Tolerance of Plants. , 2021, , 263-287.		0
59	In Vitro Propagation of Aconitum chasmanthum Stapf Ex Holmes: An Endemic and Critically Endangered Plant Species of the Western Himalaya. Horticulturae, 2021, 7, 586.	2.8	10
60	Nitrogen use efficiency (NUE): elucidated mechanisms, mapped genes and gene networks in maize (Zea) Tj ETQq0 0 0 rgBT /Overlock 10	3.1	14
61	Combination of Strobilurin and Triazole Chemicals for the Management of Blast Disease in Mushk Budji -Aromatic Rice. Journal of Fungi (Basel, Switzerland), 2021, 7, 1060.	3.5	7
62	Secondary Metabolite Profiling, Anti-Inflammatory and Hepatoprotective Activity of Neptunia triquetra (Vahl) Benth. Molecules, 2021, 26, 7353.	3.8	3
63	miRNA applications for engineering abiotic stress tolerance in plants. Biologia (Poland), 2020, 75, 1063-1081.	1.5	43
64	Genome wide in-silico miRNA and target network prediction from stress responsive Horsegram (Macrotyloma uniflorum) accessions. Scientific Reports, 2020, 10, 17203.	3.3	12
65	QTL mapping and GWAS for identification of loci conferring partial resistance to Pythium sylvaticum in soybean (Glycine max (L.) Merr). Molecular Breeding, 2020, 40, 1.	2.1	16
66	Importance of small RNA in plant metabolism. , 2020, , 125-153.		0
67	Engineering salinity tolerance in plants: progress and prospects. Planta, 2020, 251, 76.	3.2	123
68	Vascular plant one zinc-finger (VOZ) transcription factors: novel regulators of abiotic stress tolerance in rice (Oryza sativa L.). Genetic Resources and Crop Evolution, 2020, 67, 799-807.	1.6	26
69	Serratia marcescens BM1 Enhances Cadmium Stress Tolerance and Phytoremediation Potential of Soybean Through Modulation of Osmolytes, Leaf Gas Exchange, Antioxidant Machinery, and Stress-Responsive Genes Expression. Antioxidants, 2020, 9, 43.	5.1	97
70	Standardizing the Hydrogel Application Rates and Foliar Nutrition for Enhancing Yield of Lentil (Lens) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.8	11
71	Salt stress tolerance and small RNA. , 2020, , 191-207.		6
72	Distribution, Diversity, Conservation and Utilization of Threatened Medicinal Plants. , 2020, , 3-30.		3

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73	A Critical Review on Iron Toxicity and Tolerance in Plants: Role of Exogenous Phytoprotectants. , 2020, , 83-99.		17
74	Recent Advances in Genomics Assisted Breeding for Drought Stress Tolerance in Major Cereals. Journal of Cereal Research, 2020, 12, .	0.1	12
75	Spectrum of Physiological and Molecular Responses in Plant Salinity Stress Tolerance. , 2020, , 1-12.		1
76	Performance of wheat variety Shalimar Wheat-2 under rainfed conditions of temperate Kashmir as influenced by sowing dates and nitrogen levels. Journal of Cereal Research, 2020, 12, .	0.1	1
77	Simulating maize yield study at enhanced level of temperature using CERES maize model DSSAT.4.7. Journal of Cereal Research, 2020, 12, .	0.1	0
78	Recent Advances in Cytoplasmic Male Sterility (CMS) in Crop Brassicas. , 2020, , 31-48.		3
79	Genetic Diversity Studies in Indian Mustard (Brassica juncea L. Czern & Coss) Using Molecular Markers. , 2020, , 215-244.		0
80	Golden Rice: Genetic Engineering, Promises, Present Status and Future Prospects. , 2020, , 581-604.		1
81	Accelerated Breeding of Plants: Methods and Applications. , 2020, , 1-29.		2
82	Component Analysis in Saffron (Crocus sativus L.) for Floral and Vegetative Attributes. International Journal of Current Microbiology and Applied Sciences, 2020, 9, 556-561.	0.1	0
83	In Vitro Screening of Crop Plants for Abiotic Stress Tolerance. , 2019, , 75-91.		2
84	Omics Approaches for Cold Stress Tolerance in Plants. , 2019, , 331-356.		3
85	Insights on Calcium-Dependent Protein Kinases (CPKs) Signaling for Abiotic Stress Tolerance in Plants. International Journal of Molecular Sciences, 2019, 20, 5298.	4.1	78
86	Salicylic acid enhances nickel stress tolerance by up-regulating antioxidant defense and glyoxalase systems in mustard plants. Ecotoxicology and Environmental Safety, 2019, 180, 575-587.	6.0	105
87	QTLian breeding for climate resilience in cereals: progress and prospects. Functional and Integrative Genomics, 2019, 19, 685-701.	3.5	34
88	Harnessing Genome Editing Techniques to Engineer Disease Resistance in Plants. Frontiers in Plant Science, 2019, 10, 550.	3.6	62
89	Role of Selective Exogenous Elicitors in Plant Responses to Abiotic Stress Tolerance. , 2019, , 273-290.		25
90	Role and Regulation of Osmolytes as Signaling Molecules to Abiotic Stress Tolerance. , 2019, , 459-477.		18

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91	Development of temperate basmati rice: a multi-year study on performance and adaptation under high altitude conditions of Northern Himalayas. Journal of Agricultural Science, 2019, 157, 611-627.	1.3	0
92	Oxidative Stress and Leaf Senescence: Important Insights. , 2019, , 139-163.		8
93	Reactive Oxygen Species Generation, Scavenging and Signaling in Plant Defense Responses. , 2019, , 111-132.		30
94	Role of Nitrogen and Sulfur in Mitigating Cadmium induced Metabolism Alterations in Plants. The Journal of Plant Science Research, 2019, 35, 121-141.	0.1	12
95	MicroRNA as aÂTool for Mitigating Abiotic Stress in Rice (Oryza sativa L.). , 2019, , 109-133.		9
96	Unraveling Omics Based Technologies in Enhancing Abiotic Stress in Genus Rosa: Progress and Prospects. The Journal of Plant Science Research, 2019, 35, 25-38.	0.1	2
97	Evaluation and Selection of Fine and Semi Fine Rice Grain (Oryza sativa L.) Genotypes for Agro-Morphological Traits under Augmented Block Design in Temperate Conditions of Kashmir Valley. International Journal of Current Microbiology and Applied Sciences, 2019, 8, 1522-1530.	0.1	1
98	Genetic Modification in Fruits and Vegetables for Improved Nutritional Quality and Extended Shelf Life. , 2018, , 359-379.		2
99	Engineering plants for heavy metal stress tolerance. Rendiconti Lincei, 2018, 29, 709-723.	2.2	91
100	In vitro propagation of bamboo species through axillary shoot proliferation: a review. Plant Cell, Tissue and Organ Culture, 2018, 132, 27-53.	2.3	41
101	Plant small RNAs: the essential epigenetic regulators of gene expression for salt-stress responses and tolerance. Plant Cell Reports, 2018, 37, 61-75.	5.6	87
102	CBF-Dependent and CBF-Independent Transcriptional Regulation of Cold Stress Responses in Plants. , 2018, , 89-102.		1
103	Mapping Quantitative Trait Loci for Tolerance to Pythium irregulare in Soybean (Glycine max L.). G3: Genes, Genomes, Genetics, 2018, 8, 3155-3161.	1.8	14
104	Response of Pulses to Drought and Salinity Stress Response: A Physiological Perspective. , 2018, , 77-98.		5
105	Genomics Approaches for Biotic and Abiotic Stress Improvement in Tea. , 2018, , 289-312.		1
106	Evaluation of potassium solubilizing rhizobacteria (KSR): enhancing K-bioavailability and optimizing K-fertilization of maize plants under Indo-Gangetic Plains of India. Environmental Science and Pollution Research, 2018, 25, 36412-36424.	5.3	22
107	AP-3 gene expression study during flower development in saffron (Crocus sativus L.). Acta Horticulturae, 2018, , 47-50.	0.2	0
108	Apocarotenoid gene expression in in vitro developed stigma-like structures in Crocus sativus L.. Acta Horticulturae, 2018, , 51-54.	0.2	0

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109	Cell and Tissue Culture Approaches in Relation to Crop Improvement. , 2018, , 1-55.		6
110	Understanding the Phytohormones Biosynthetic Pathways for Developing Engineered Environmental Stress-Tolerant Crops. , 2018, , 417-450.		9
111	Plant Genetic Transformation and Transgenic Crops: Methods and Applications. , 2018, , 1-23.		5
112	Impact of Nanoparticles on Oxidative Stress and Responsive Antioxidative Defense in Plants. , 2018, , 393-406.		10
113	Transcriptional regulation of osmotic stress tolerance in wheat (Triticum aestivum L.). Plant Molecular Biology, 2018, 97, 469-487.	3.9	67
114	Functional and structural insights into candidate genes associated with nitrogen and phosphorus nutrition in wheat (Triticum aestivum L.). International Journal of Biological Macromolecules, 2018, 118, 76-91.	7.5	24
115	Compatible Solute Engineering of Crop Plants for Improved Tolerance Toward Abiotic Stresses. , 2018, , 221-254.		23
116	Compatible Solutes and Abiotic Stress Tolerance in Plants. , 2018, , 213-220.		15
117	Genetic variability study in Bread Wheat (Triticum Aestivum L.) under Temperate Conditions. Current Agriculture Research Journal, 2018, 6, 268-277.	0.1	10
118	Engineering Crops for the Future: A Phosphoproteomics Approach. Current Protein and Peptide Science, 2018, 19, 413-426.	1.4	11
119	Identification of stable lentil (Lens culinaris Medik) genotypes through GGE biplotand AMMI analysis for North Hill Zone of India. Legume Research, 2018, , .	0.1	3
120	Critical Limits of Phosphorus in Soil and Pea Plant Grown in Acid Soils of Senapati District of Manipur, India. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 3106-3118.	0.1	0
121	Transgenic approaches to enhance salt and drought tolerance in plants. Plant Gene, 2017, 11, 219-231.	2.3	36
122	Abscisic acid: A key regulator of abiotic stress tolerance in plants. Plant Gene, 2017, 11, 106-111.	2.3	88
123	An Introduction to Antioxidants and Their Roles in Plant Stress Tolerance. , 2017, , 1-23.		21
124	ROS-Induced Signaling and Gene Expression in Crops Under Salinity Stress. , 2017, , 159-184.		12
125	Application of Bioinformatics in Understanding of Plant Stress Tolerance. , 2017, , 347-374.		8
126	Functional Genomic Approaches in Plant Research: Challenges and Perspectives. , 2017, , 147-160.		0

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127	Adaptation Strategies and Defence Mechanisms of Plants During Environmental Stress. , 2017, , 359-413.		35
128	Metabolic Responses of Medicinal Plants to Global Warming, Temperature and Heat Stress. , 2017, , 69-80.		4
129	Effects of Toxic Gases, Ozone, Carbon Dioxide, and Wastes on Plant Secondary Metabolism. , 2017, , 81-96.		4
130	Epigenetic Control of Plant Cold Responses. Frontiers in Plant Science, 2017, 8, 1643.	3.6	86
131	Multivariate analysis in Mungbean (Vigna radiata L. Wilczek) for Genetic Diversity under Acidic Soils of Manipur, India. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 760-769.	0.1	3
132	Micronutrients for Crop Production: Role of Boron. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 5347-5353.	0.1	9
133	Genome Editing and its Necessity in Agriculture. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 5435-5443.	0.1	11
134	Harnessing Crop Wild Relatives for Crop Improvement. LS International Journal of Life Sciences, 2017, 6, 73.	0.2	17
135	Technique to minimize phenolics in walnut in vitro culture initiation. Indian Journal of Horticulture, 2017, 74, 285.	0.1	3
136	Genetic studies for flower yield and component traits in Chrysanthemum morifolium Ramat. Journal of Applied and Natural Science, 2017, 9, 211-214.	0.4	2
137	An Assessment of Temperate Rice (Oryza sativa L.) Germplasm for Grain Quality Attributes. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 728-735.	0.1	1
138	MicroRNAs As Potential Targets for Abiotic Stress Tolerance in Plants. Frontiers in Plant Science, 2016, 7, 817.	3.6	299
139	Transcription Factors and Plants Response to Drought Stress: Current Understanding and Future Directions. Frontiers in Plant Science, 2016, 7, 1029.	3.6	611
140	Transgenic Approaches for Abiotic Stress Tolerance in Crop Plants. , 2016, , 345-396.		21
141	Molecular Farming Using Transgenic Approaches. , 2016, , 97-145.		5
142	Single Nucleotide Polymorphism (SNP) Marker for Abiotic Stress Tolerance in Crop Plants. , 2016, , 327-343.		6
143	Phytohormones and their metabolic engineering for abiotic stress tolerance in crop plants. Crop Journal, 2016, 4, 162-176.	5.2	695
144	Engineering Phytohormones for Abiotic Stress Tolerance in Crop Plants. , 2016, , 247-266.		8

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145	Metabolic Engineering of Compatible Solute Trehalose for Abiotic Stress Tolerance in Plants. , 2016, , 83-96.		14
146	Genetic Engineering for Cold Stress Tolerance in Crop Plants. , 2016, , 173-201.		13
147	In Vitro Regeneration Studies in Brassica Napus with Response to Callus Induction Frequency and Regeneration Frequency. International Journal of Agriculture Environment and Biotechnology, 2016, 9, 755.	0.1	2
148	Cryopreservation of Forest Tree Seeds: A Mini-Review. Journal of Forest and Environmental Science, 2016, 32, 311-322.	0.2	7
149	Effects of vermicompost and boron on tomato (Solanum lycopersicum cv. Pusa ruby) flowering, fruit ripening, yield and soil fertility in acid soils. International Journal of Agriculture Environment and Biotechnology, 2016, 9, 847.	0.1	2
150	Transplastomic plants for innovations in agriculture. A review. Agronomy for Sustainable Development, 2015, 35, 1391-1430.	5.3	27
151	Plant Stress Tolerance: Engineering ABA: A Potent Phytohormone. Transcriptomics: Open Access, 2015, 03, .	0.2	25
152	In-vitroStigma Like Structure and Stigma Development in Saffron. Vegetos, 2015, 28, 55.	1.5	3
153	Biotechnology and Abiotic Stress Tolerance in Rice. Rice Research Open Access, 2014, 2, .	0.4	53
154	Polyamines in response to abiotic stress tolerance through transgenic approaches. GM Crops and Food, 2014, 5, 87-96.	3.8	78
155	Compatible Solute Engineering in Plants for Abiotic Stress Tolerance - Role of Glycine Betaine. Current Genomics, 2013, 14, 157-165.	1.6	218
156	Cisgenics - A Sustainable Approach for Crop Improvement. Current Genomics, 2013, 14, 468-476.	1.6	53
157	Arbuscular Mycorrhiza: A Biological Budding for Sustainable Agriculture. LS International Journal of Life Sciences, 2013, 2, 149.	0.2	1
158	Genotype x environment interaction in Indian mustard (Brassica junceaL. Czern and coss) under Manipur valley conditions. Indian Journal of Genetics and Plant Breeding, 2013, 73, 332.	0.5	1
159	Pre-breeding and Population Improvement. LS International Journal of Life Sciences, 2013, 2, 188.	0.2	1
160	Plastid Transformation for Abiotic Stress Tolerance in Plants. Methods in Molecular Biology, 2012, 913, 351-358.	0.9	8
161	SSR and RAPD analysis of genetic diversity in walnut (Juglans regia L.) genotypes from Jammu and Kashmir, India. Physiology and Molecular Biology of Plants, 2012, 18, 149-160.	3.1	38
162	Engineering Cold Stress Tolerance in Crop Plants. Current Genomics, 2011, 12, 30-43.	1.6	487

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163	An efficient and reproducible method for regeneration of whole plants from mature seeds of a high yielding Indica rice (Oryza sativa L.) variety PAU 201. New Biotechnology, 2011, 28, 418-422.	4.4	28
164	Introduction of OsglyII gene into Oryza sativa for increasing salinity tolerance. Biologia Plantarum, 2011, 55, 536-540.	1.9	42
165	In vitro development of microcorms and stigma like structures in saffron (Crocus sativus L.). Physiology and Molecular Biology of Plants, 2010, 16, 369-373.	3.1	25
166	Inducing Fungus-Resistance into Plants through Biotechnology. Notulae Scientia Biologicae, 2010, 2, 14-21.	0.4	18
167	Genetic Engineering for Viral Disease Management in Plants. Notulae Scientia Biologicae, 2010, 2, 20-28.	0.4	16
168	Biotechnology and Crop Improvement. Journal of Crop Improvement, 2010, 24, 153-217.	1.7	26
169	Plant Plastid Engineering. Current Genomics, 2010, 11, 500-512.	1.6	31
170	Biotechnology and Plant Disease Control-Role of RNA Interference. American Journal of Plant Sciences, 2010, 01, 55-68.	0.8	32
171	Biotechnology and Drought Tolerance. Journal of Crop Improvement, 2009, 23, 19-54.	1.7	133
172	Stability analysis in pole type beans (P. vulgaris) under temperate conditions. Legume Research, 0, , .	0.1	0
173	Juvenile heat stress tolerance in Triticum durumâ€"Aegilops tauschii derived synthetics: a way forward for wheat improvement. Molecular Biology Reports, 0, , .	2.3	0