

Karambir Singh

List of Publications by Year in descending order

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Version: 2024-02-01

128
papers

12,423
citations

30070

54
h-index

26613

107
g-index

137
all docs

137
docs citations

137
times ranked

12606
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcription factors in plant defense and stress responses. <i>Current Opinion in Plant Biology</i> , 2002, 5, 430-436.	7.1	1,172
2	Draft genome sequence of chickpea (<i>Cicer arietinum</i>) provides a resource for trait improvement. <i>Nature Biotechnology</i> , 2013, 31, 240-246.	17.5	1,049
3	Genome Sequence of the Pea Aphid <i>Acyrtosiphon pisum</i> . <i>PLoS Biology</i> , 2010, 8, e1000313.	5.6	913
4	EffectorP: predicting fungal effector proteins from secretomes using machine learning. <i>New Phytologist</i> , 2016, 210, 743-761.	7.3	438
5	Improved prediction of fungal effector proteins from secretomes with EffectorP 2.0. <i>Molecular Plant Pathology</i> , 2018, 19, 2094-2110.	4.2	350
6	LOCALIZER: subcellular localization prediction of both plant and effector proteins in the plant cell. <i>Scientific Reports</i> , 2017, 7, 44598.	3.3	340
7	<i>Arabidopsis thaliana</i> ethylene-responsive element binding protein (AtEBP), an ethylene-inducible, GCC box DNA-binding protein interacts with an ethylene element binding protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 5961-5966.	7.1	338
8	The <i>Medicago truncatula</i> ortholog of <i>Arabidopsis</i> EIN2, <i>SICKLE</i> , is a negative regulator of symbiotic and pathogenic microbial associations. <i>Plant Journal</i> , 2008, 55, 580-595.	5.7	272
9	The promoter of a H ₂ O ₂ -inducible, <i>Arabidopsis</i> glutathione S-transferase gene contains closely linked OBF- and OBP1-binding sites. <i>Plant Journal</i> , 1996, 10, 955-966.	5.7	244
10	The <i>Arabidopsis</i> glutathione transferase gene family displays complex stress regulation and co-silencing multiple genes results in altered metabolic sensitivity to oxidative stress. <i>Plant Journal</i> , 2009, 58, 53-68.	5.7	237
11	Biotechnology approaches to overcome biotic and abiotic stress constraints in legumes. <i>Euphytica</i> , 2006, 147, 1-24.	1.2	214
12	Identification of <i>Arabidopsis</i> Ethylene-Responsive Element Binding Factors with Distinct Induction Kinetics after Pathogen Infection. <i>Plant Physiology</i> , 2002, 128, 1313-1322.	4.8	206
13	Mitochondrial complex II has a key role in mitochondrial-derived reactive oxygen species influence on plant stress gene regulation and defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10768-10773.	7.1	206
14	Aphid Resistance in <i>Medicago truncatula</i> Involves Antixenosis and Phloem-Specific, Inducible Antibiosis, and Maps to a Single Locus Flanked by NBS-LRR Resistance Gene Analogs. <i>Plant Physiology</i> , 2005, 137, 1445-1455.	4.8	205
15	Transcriptional Regulation in Plants: The Importance of Combinatorial Control. <i>Plant Physiology</i> , 1998, 118, 1111-1120.	4.8	198
16	Advances and Challenges in Computational Prediction of Effectors from Plant Pathogenic Fungi. <i>PLoS Pathogens</i> , 2015, 11, e1004806.	4.7	197
17	AtERF14, a Member of the ERF Family of Transcription Factors, Plays a Nonredundant Role in Plant Defense. <i>Plant Physiology</i> , 2007, 143, 400-409.	4.8	188
18	The auxin, hydrogen peroxide and salicylic acid induced expression of the <i>Arabidopsis</i> GST6 promoter is mediated in part by an ethylene element. <i>Plant Journal</i> , 1999, 19, 667-677.	5.7	184

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19	<scp>ApoplastP</scp>: prediction of effectors and plant proteins in the apoplast using machine learning. <i>New Phytologist</i> , 2018, 217, 1764-1778.	7.3	180
20	Plants versus pathogens: an evolutionary arms race. <i>Functional Plant Biology</i> , 2010, 37, 499.	2.1	156
21	Achievements and Challenges in Legume Breeding for Pest and Disease Resistance. <i>Critical Reviews in Plant Sciences</i> , 2015, 34, 195-236.	5.7	153
22	A comprehensive draft genome sequence for lupin (<i>Lupinus angustifolius</i>), an emerging health food: insights into plant-microbe interactions and legume evolution. <i>Plant Biotechnology Journal</i> , 2017, 15, 318-330.	8.3	153
23	Characterization of salicylic acid-responsive, Arabidopsis Dof domain proteins: overexpression of OBP3 leads to growth defects. <i>Plant Journal</i> , 2000, 21, 329-339.	5.7	151
24	Expression of enhanced levels of small RNA polymerase III transcripts encoded by the B2 repeats in simian virus 40-transformed mouse cells. <i>Nature</i> , 1985, 314, 553-556.	27.8	149
25	Genome Sequencing and Comparative Genomics of the Broad Host-Range Pathogen <i>Rhizoctonia solani</i> AG8. <i>PLoS Genetics</i> , 2014, 10, e1004281.	3.5	145
26	Involvement of the Octadecanoid Pathway in Bluegreen Aphid Resistance in <i>Medicago truncatula</i> . <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 82-93.	2.6	141
27	Breeding Annual Grain Legumes for Sustainable Agriculture: New Methods to Approach Complex Traits and Target New Cultivar Ideotypes. <i>Critical Reviews in Plant Sciences</i> , 2015, 34, 381-411.	5.7	140
28	A glucocorticoid-inducible transcription system causes severe growth defects in <i>Arabidopsis</i> and induces defense-related genes. <i>Plant Journal</i> , 1999, 20, 127-133.	5.7	138
29	Plant defence responses: what have we learnt from <i>Arabidopsis</i> ?. <i>Functional Plant Biology</i> , 2005, 32, 1.	2.1	136
30	Proteomic Analysis of Glutathione S-Transferases of <i>Arabidopsis thaliana</i> Reveals Differential Salicylic Acid-Induced Expression of the Plant-Specific Phi and Tau Classes. <i>Plant Molecular Biology</i> , 2004, 54, 205-219.	3.9	116
31	Comparative genomics and prediction of conditionally dispensable sequences in legume-infecting <i>Fusarium oxysporum</i> formae speciales facilitates identification of candidate effectors. <i>BMC Genomics</i> , 2016, 17, 191.	2.8	109
32	Target genes for OBP3, a Dof transcription factor, include novel basic helix-loop-helix domain proteins inducible by salicylic acid. <i>Plant Journal</i> , 2003, 35, 362-372.	5.7	107
33	A MYC2/MYC3/MYC4-dependent transcription factor network regulates water spray-responsive gene expression and jasmonate levels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23345-23356.	7.1	95
34	Functional properties of the anaerobic responsive element of the maize <i>Adh1</i> gene. <i>Plant Molecular Biology</i> , 1990, 15, 593-604.	3.9	91
35	Quinolizidine Alkaloid Biosynthesis in Lupins and Prospects for Grain Quality Improvement. <i>Frontiers in Plant Science</i> , 2017, 8, 87.	3.6	89
36	ocs element promoter sequences are activated by auxin and salicylic acid in <i>Arabidopsis</i> .. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 2507-2511.	7.1	87

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37	Characterization of Pea Aphid Resistance in <i>Medicago truncatula</i> . <i>Plant Physiology</i> , 2008, 146, 996-1009.	4.8	87
38	Resistance to insect pests: What do legumes have to offer?. <i>Euphytica</i> , 2006, 147, 273-285.	1.2	86
39	Evaluation of Secretion Prediction Highlights Differing Approaches Needed for Oomycete and Fungal Effectors. <i>Frontiers in Plant Science</i> , 2015, 6, 1168.	3.6	85
40	Salicylic Acid-Dependent Plant Stress Signaling via Mitochondrial Succinate Dehydrogenase. <i>Plant Physiology</i> , 2017, 173, 2029-2040.	4.8	84
41	Isolation of a <i>Vicia faba</i> metallothionein-like gene: expression in foliar trichomes. <i>Plant Molecular Biology</i> , 1994, 26, 435-444.	3.9	81
42	The mitochondrial outer membrane <i>AAA ATPase AtOM66</i> affects cell death and pathogen resistance in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2014, 80, 709-727.	5.7	80
43	Genome-Wide Analysis in Three <i>Fusarium</i> Pathogens Identifies Rapidly Evolving Chromosomes and Genes Associated with Pathogenicity. <i>Genome Biology and Evolution</i> , 2015, 7, 1613-1627.	2.5	77
44	Reactive Oxygen Species Play a Role in the Infection of the Necrotrophic Fungi, <i>Rhizoctonia solani</i> in Wheat. <i>PLoS ONE</i> , 2016, 11, e0152548.	2.5	77
45	Does the ocs-element occur as a functional component of the promoters of plant genes?. <i>Plant Journal</i> , 1993, 4, 433-443.	5.7	72
46	The B-3 Ethylene Response Factor <i>MtERF1-1</i> Mediates Resistance to a Subset of Root Pathogens in <i>Medicago truncatula</i> without Adversely Affecting Symbiosis with <i>Rhizobia</i> . <i>Plant Physiology</i> , 2010, 154, 861-873.	4.8	72
47	Identification and characterisation of seed storage protein transcripts from <i>Lupinus angustifolius</i> . <i>BMC Plant Biology</i> , 2011, 11, 59.	3.6	71
48	Transcriptome sequencing of different narrow-leaved lupin tissue types provides a comprehensive uni-gene assembly and extensive gene-based molecular markers. <i>Plant Biotechnology Journal</i> , 2015, 13, 14-25.	8.3	70
49	Differential Gene Expression and Subcellular Targeting of <i>Arabidopsis</i> Glutathione S-Transferase F8 Is Achieved through Alternative Transcription Start Sites. <i>Journal of Biological Chemistry</i> , 2007, 282, 28915-28928.	3.4	69
50	Saturation mutagenesis of the octopine synthase enhancer: correlation of mutant phenotypes with binding of a nuclear protein factor.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 3733-3737.	7.1	66
51	Isolation and characterization of two related <i>Arabidopsis</i> ocs-element bZIP binding proteins. <i>Plant Journal</i> , 1993, 4, 711-716.	5.7	66
52	A single gene, <i>AIN</i> , in <i>Medicago truncatula</i> mediates a hypersensitive response to both bluegreen aphid and pea aphid, but confers resistance only to bluegreen aphid. <i>Journal of Experimental Botany</i> , 2009, 60, 4115-4127.	4.8	65
53	Analysis of type 1 metallothionein cDNAs in <i>Vicia faba</i> . <i>Plant Molecular Biology</i> , 1997, 33, 583-591.	3.9	64
54	Comparative secretome analysis of <i>Rhizoctonia solani</i> isolates with different host ranges reveals unique secretomes and cell death inducing effectors. <i>Scientific Reports</i> , 2017, 7, 10410.	3.3	62

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55	Mutant Analysis in Arabidopsis Provides Insight into the Molecular Mode of Action of the Auxinic Herbicide Dicamba. PLoS ONE, 2011, 6, e17245.	2.5	59
56	Genetic and Genomic Analysis of Rhizoctonia solani Interactions with Arabidopsis; Evidence of Resistance Mediated through NADPH Oxidases. PLoS ONE, 2013, 8, e56814.	2.5	56
57	A chromosomal genomics approach to assess and validate the <i>desi</i> and <i>kabuli</i> draft chickpea genome assemblies. Plant Biotechnology Journal, 2014, 12, 778-786.	8.3	54
58	Development of genomic resources for the narrow-leafed lupin (<i>Lupinus angustifolius</i>): construction of a bacterial artificial chromosome (BAC) library and BAC-end sequencing. BMC Genomics, 2011, 12, 521.	2.8	53
59	Independent action and contrasting phenotypes of resistance genes against spotted alfalfa aphid and bluegreen aphid in <i>Medicago truncatula</i> . New Phytologist, 2007, 173, 630-640.	7.3	52
60	INDEL variation in the regulatory region of the major flowering time gene <i>LanFTc1</i> is associated with vernalization response and flowering time in narrow-leafed lupin (<i>Lupinus angustifolius</i>)	3.6	50
61	Identification and characterization of resistance to cowpea aphid (<i>Aphis craccivora</i> Koch) in <i>Medicago truncatula</i> . BMC Plant Biology, 2012, 12, 101.	3.6	50
62	Exploring the genetic and adaptive diversity of a pan-Mediterranean crop wild relative: narrow-leafed lupin. Theoretical and Applied Genetics, 2018, 131, 887-901.	3.6	50
63	Transcription factor control of virulence in phytopathogenic fungi. Molecular Plant Pathology, 2021, 22, 858-881.	4.2	50
64	Analysis of conglutin seed storage proteins across lupin species using transcriptomic, protein and comparative genomic approaches. BMC Plant Biology, 2015, 15, 106.	3.6	49
65	Early Induction of the Arabidopsis GSTF8 Promoter by Specific Strains of the Fungal Pathogen <i>Rhizoctonia solani</i> . Molecular Plant-Microbe Interactions, 2004, 17, 70-80.	2.6	45
66	Diversifying selection in the wheat stem rust fungus acts predominantly on pathogen-associated gene families and reveals candidate effectors. Frontiers in Plant Science, 2014, 5, 372.	3.6	45
67	The Arabidopsis KH-Domain RNA-Binding Protein ESR1 Functions in Components of Jasmonate Signalling, Unlinking Growth Restraint and Resistance to Stress. PLoS ONE, 2015, 10, e0126978.	2.5	45
68	The essential role of genetic resources in narrow-leafed lupin improvement. Crop and Pasture Science, 2013, 64, 361.	1.5	44
69	Isolation of a maize bZIP protein subfamily: candidates for the ocs-element transcription factor. Plant Journal, 1993, 3, 669-679.	5.7	42
70	The <i>Medicago truncatula</i> reference accession A17 has an aberrant chromosomal configuration. New Phytologist, 2007, 174, 299-303.	7.3	42
71	Transcriptome analysis of the fungal pathogen <i>Fusarium oxysporum</i> f. sp. <i>medicaginis</i> during colonisation of resistant and susceptible <i>Medicago truncatula</i> hosts identifies differential pathogenicity profiles and novel candidate effectors. BMC Genomics, 2016, 17, 860.	2.8	42
72	Plant-aphid interactions with a focus on legumes. Functional Plant Biology, 2013, 40, 1271.	2.1	40

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73	Ethylene Signaling Is Important for Isoflavonoid-Mediated Resistance to <i>Rhizoctonia solani</i> in Roots of <i>Medicago truncatula</i> . <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 691-700.	2.6	40
74	Plant defence responses: conservation between models and crops. <i>Functional Plant Biology</i> , 2005, 32, 21.	2.1	39
75	Proteomic Analysis of <i>Rhizoctonia solani</i> Identifies Infection-specific, Redox Associated Proteins and Insight into Adaptation to Different Plant Hosts. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1188-1203.	3.8	37
76	Identification of potential early regulators of aphid resistance in <i>Medicago truncatula</i> via transcription factor expression profiling. <i>New Phytologist</i> , 2010, 186, 980-994.	7.3	36
77	Identification of distinct quantitative trait loci associated with defence against the closely related aphids <i>Acyrtosiphon pisum</i> and <i>A. kondoi</i> in <i>Medicago truncatula</i> . <i>Journal of Experimental Botany</i> , 2012, 63, 3913-3922.	4.8	36
78	Narrow-leaved lupin (<i>Lupinus angustifolius</i> L.) Î-conglutin proteins modulate the insulin signaling pathway as potential type 2 diabetes treatment and inflammatory-related disease amelioration. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600819.	3.3	34
79	A specific fungal transcription factor controls effector gene expression and orchestrates the establishment of the necrotrophic pathogen lifestyle on wheat. <i>Scientific Reports</i> , 2019, 9, 15884.	3.3	34
80	Characterization and genetic dissection of resistance to spotted alfalfa aphid (<i>Therioaphis trifolii</i>) in <i>Medicago truncatula</i> . <i>Journal of Experimental Botany</i> , 2013, 64, 5157-5172.	4.8	33
81	Characterization of resistance to multiple aphid species (Hemiptera: Aphididae) in <i>Medicago truncatula</i> . <i>Bulletin of Entomological Research</i> , 2007, 97, 41-48.	1.0	32
82	Characterization of the genetic factors affecting quinolizidine alkaloid biosynthesis and its response to abiotic stress in narrow-leaved lupin (<i>Lupinus angustifolius</i> L.). <i>Plant, Cell and Environment</i> , 2018, 41, 2155-2168.	5.7	32
83	Interactions between Distinct Types of DNA Binding Proteins Enhance Binding to ocs Element Promoter Sequences. <i>Plant Cell</i> , 1995, 7, 2241.	6.6	29
84	Enhanced B2 transcription in simian virus 40-transformed cells is mediated through the formation of RNA polymerase III transcription complexes on previously inactive genes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 7059-7063.	7.1	28
85	Transcriptome analysis reveals molecular mechanisms of sclerotial development in the rice sheath blight pathogen <i>Rhizoctonia solani</i> AG1-IA. <i>Functional and Integrative Genomics</i> , 2019, 19, 743-758.	3.5	28
86	TGA5 acts as a positive and TGA4 acts as a negative regulator of ocs element activity in <i>Arabidopsis</i> roots in response to defence signals. <i>FEBS Letters</i> , 2004, 563, 141-145.	2.8	27
87	A comparative hidden Markov model analysis pipeline identifies proteins characteristic of cereal-infecting fungi. <i>BMC Genomics</i> , 2013, 14, 807.	2.8	26
88	A rapid method for profiling of volatile and semi-volatile phytohormones using methyl chloroformate derivatisation and GC-MS. <i>Metabolomics</i> , 2015, 11, 1922-1933.	3.0	26
89	Two independent resistance genes in the <i>Medicago truncatula</i> cultivar Jester confer resistance to two different aphid species of the genus <i>Acyrtosiphon</i> . <i>Plant Signaling and Behavior</i> , 2009, 4, 328-331.	2.4	25
90	<i>Phoma medicaginis</i> stimulates the induction of the octadecanoid and phenylpropanoid pathways in <i>Medicago truncatula</i> . <i>Molecular Plant Pathology</i> , 2012, 13, 593-603.	4.2	25

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91	Characterization and mapping of LanrBo: a locus conferring anthracnose resistance in narrow-leaved lupin (<i>Lupinus angustifolius</i> L.). <i>Theoretical and Applied Genetics</i> , 2015, 128, 2121-2130.	3.6	25
92	<i>Medicago truncatula</i> as a model host for studying legume infecting <i>Rhizoctonia solani</i> and identification of a locus affecting resistance to root canker. <i>Plant Pathology</i> , 2013, 62, 908-921.	2.4	22
93	Ex vivo and in vitro assessment of anti-inflammatory activity of seed Î²-conglutin proteins from <i>Lupinus angustifolius</i> . <i>Journal of Functional Foods</i> , 2018, 40, 510-519.	3.4	22
94	Identification and profiling of narrow-leaved lupin (<i>Lupinus angustifolius</i>) microRNAs during seed development. <i>BMC Genomics</i> , 2019, 20, 135.	2.8	22
95	Characterization of narrow-leaf lupin (<i>Lupinus angustifolius</i> L.) recombinant major allergen IgE-binding proteins and the natural Î²-conglutin counterparts in sweet lupin seed species. <i>Food Chemistry</i> , 2018, 244, 60-70.	8.2	21
96	The Arabidopsis RNA Polymerase II Carboxyl Terminal Domain (CTD) Phosphatase-Like1 (CPL1) is a biotic stress susceptibility gene. <i>Scientific Reports</i> , 2018, 8, 13454.	3.3	18
97	Interactions of Arabidopsis and <i>M. truncatula</i> with the same pathogens differ in dependence on ethylene and ethylene response factors. <i>Plant Signaling and Behavior</i> , 2011, 6, 551-552.	2.4	17
98	Narrow-Leafed Lupin (<i>Lupinus angustifolius</i>) Î²1- and Î²6-Conglutin Proteins Exhibit Antifungal Activity, Protecting Plants against Necrotrophic Pathogen Induced Damage from <i>Sclerotinia sclerotiorum</i> and <i>Phytophthora nicotianae</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1856.	3.6	17
99	Desensitization of GSTF8 Induction by a Prior Chemical Treatment Is Long Lasting and Operates in a Tissue-Dependent Manner. <i>Plant Physiology</i> , 2006, 142, 245-253.	4.8	16
100	The stem rust fungus <i>Puccinia graminis</i> f. sp. <i>tritici</i> induces centromeric small RNAs during late infection that are associated with genome-wide DNA methylation. <i>BMC Biology</i> , 2021, 19, 203.	3.8	15
101	Editorial: Legumes for Global Food Security. <i>Frontiers in Plant Science</i> , 2020, 11, 926.	3.6	14
102	An RNAi supplemented diet as a reverse genetics tool to control bluegreen aphid, a major pest of legumes. <i>Scientific Reports</i> , 2020, 10, 1604.	3.3	13
103	Genetic Mapping of a Major Resistance Gene to Pea Aphid (<i>Acyrtosipon pisum</i>) in the Model Legume <i>Medicago truncatula</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1224.	4.1	11
104	The role of jasmonate signalling in quinolizidine alkaloid biosynthesis, wounding and aphid predation response in narrow-leaved lupin. <i>Functional Plant Biology</i> , 2019, 46, 443.	2.1	10
105	Jasmonate Signalling and Defence Responses in the Model Legume <i>Medicago truncatula</i> —A Focus on Responses to <i>Fusarium</i> Wilt Disease. <i>Plants</i> , 2016, 5, 11.	3.5	9
106	A Trimethylguanosine Synthase1-like (TGS1) homologue is implicated in vernalisation and flowering time control. <i>Theoretical and Applied Genetics</i> , 2021, 134, 3411-3426.	3.6	9
107	Foliar resistance to <i>Rhizoctonia solani</i> in Arabidopsis is compromised by simultaneous loss of ethylene, jasmonate and PEN2 mediated defense pathways. <i>Scientific Reports</i> , 2021, 11, 2546.	3.3	9
108	Lupin Allergy: Uncovering Structural Features and Epitopes of Î²-conglutin Proteins in <i>Lupinus Angustifolius</i> L. with a Focus on Cross-allergenic Reactivity to Peanut and Other Legumes. <i>Lecture Notes in Computer Science</i> , 2015, , 96-107.	1.3	9

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109	Variability in an effector gene promoter of a necrotrophic fungal pathogen dictates epistasis and effector-triggered susceptibility in wheat. <i>PLoS Pathogens</i> , 2022, 18, e1010149.	4.7	9
110	Additive and epistatic interactions between AKR and AIN loci conferring bluegreen aphid resistance and hypersensitivity in <i>Medicago truncatula</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 4887-4902.	4.8	8
111	Mass-spectrometry data for <i>Rhizoctonia solani</i> proteins produced during infection of wheat and vegetative growth. <i>Data in Brief</i> , 2016, 8, 267-271.	1.0	5
112	Transcriptome analysis reveals class IX ethylene response factors show specific up-regulation in resistant but not susceptible <i>Medicago truncatula</i> lines following infection with <i>Rhizoctonia solani</i> . <i>European Journal of Plant Pathology</i> , 2018, 152, 549-554.	1.7	5
113	Genomic resources for lupins are coming of age. , 2021, 3, e77.		5
114	The novel avirulence effector <i>ALAvr1</i> from <i>Ascochyta lentis</i> mediates host cultivar specificity of ascochyta blight in lentil. <i>Molecular Plant Pathology</i> , 2022, , .	4.2	5
115	A Plant Stress-Responsive Bioreporter Coupled With Transcriptomic Analysis Allows Rapid Screening for Biocontrols of Necrotrophic Fungal Pathogens. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 708530.	3.5	4
116	Analysis of Ocs-Element Enhancer Sequences and Their Binding Factors. <i>Results and Problems in Cell Differentiation</i> , 1994, 20, 197-207.	0.7	4
117	Transcription factor lineages in plant-pathogenic fungi, connecting diversity with fungal virulence. <i>Fungal Genetics and Biology</i> , 2022, 161, 103712.	2.1	4
118	A functional genomics approach to dissect spotted alfalfa aphid resistance in <i>Medicago truncatula</i> . <i>Scientific Reports</i> , 2020, 10, 22159.	3.3	3
119	Ethylene Is Not Essential for R-Gene Mediated Resistance but Negatively Regulates Moderate Resistance to Some Aphids in <i>Medicago truncatula</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 4657.	4.1	3
120	Transcriptome Resources Paving the Way for Lupin Crop Improvement. <i>Compendium of Plant Genomes</i> , 2020, , 53-71.	0.5	3
121	Ethylene response factors and their role in plant defence.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , 1-12.	1.0	3
122	A novel phloem-specific gene is expressed preferentially in aerial portions of <i>Vicia faba</i> . <i>Plant Molecular Biology</i> , 1996, 30, 687-695.	3.9	2
123	The <i>Arabidopsis</i> altered in stress response2 is Impaired in Resistance to Root and Leaf Necrotrophic Fungal Pathogens. <i>Plants</i> , 2019, 8, 60.	3.5	1
124	Overview of Genomic Resources Available for Lupins with a Focus on Narrow-Leafed Lupin (<i>Lupinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.5	1
125	A DNA-Binding Protein Factor Recognizes Two Binding Domains within the Octopine Synthase Enhancer Element. <i>Plant Cell</i> , 1990, 2, 215.	6.6	0
126	OCSBF-1, a Maize Ocs Enhancer Binding Factor: Isolation and Expression during Development. <i>Plant Cell</i> , 1990, 2, 891.	6.6	0

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127	Belowground Defence Strategies Against Rhizoctonia. Signaling and Communication in Plants, 2016, , 99-117.	0.7	0
128	Insects Co-opt Host Genes to Overcome Plant Defences.. Faculty Reviews, 2022, 11, 10.	3.9	0