

Karambir Singh

List of Publications by Year in descending order

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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	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
2	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
3	Insects Co-opt Host Genes to Overcome Plant Defences.. <i>Faculty Reviews</i> , 2022, 11, 10.	3.9	0
4	Transcription factor lineages in plant-pathogenic fungi, connecting diversity with fungal virulence. <i>Fungal Genetics and Biology</i> , 2022, 161, 103712.	2.1	4
5	Genomic resources for lupins are coming of age. , 2021, 3, e77.		5
6	Transcription factor control of virulence in phytopathogenic fungi. <i>Molecular Plant Pathology</i> , 2021, 22, 858-881.	4.2	50
7	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
8	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
9	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
10	Foliar resistance to <i>Rhizoctonia solani</i> in <i>Arabidopsis</i> is compromised by simultaneous loss of ethylene, jasmonate and PEN2 mediated defense pathways. <i>Scientific Reports</i> , 2021, 11, 2546.	3.3	9
11	Editorial: Legumes for Global Food Security. <i>Frontiers in Plant Science</i> , 2020, 11, 926.	3.6	14
12	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
13	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
14	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	8.5	1
15	Transcriptome Resources Paving the Way for Lupin Crop Improvement. <i>Compendium of Plant Genomes</i> , 2020, , 53-71.	0.5	3
16	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
17	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
18	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

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19	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
20	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
21	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
22	The role of jasmonate signalling in quinolizidine alkaloid biosynthesis, wounding and aphid predation response in narrow-leafed lupin. <i>Functional Plant Biology</i> , 2019, 46, 443.	2.1	10
23	Identification and profiling of narrow-leafed lupin (<i>Lupinus angustifolius</i>) microRNAs during seed development. <i>BMC Genomics</i> , 2019, 20, 135.	2.8	22
24	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>) <i>Tj ETQq0 0 OagBT /Overclock 10 TF</i>		
25	Characterization of the genetic factors affecting quinolizidine alkaloid biosynthesis and its response to abiotic stress in narrow-leafed lupin (<i>Lupinus angustifolius</i> L.). <i>Plant, Cell and Environment</i> , 2018, 41, 2155-2168.	5.7	32
26	Improved prediction of fungal effector proteins from secretomes with EffectorP 2.0. <i>Molecular Plant Pathology</i> , 2018, 19, 2094-2110.	4.2	350
27	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
28	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
29	<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
30	The <i>Arabidopsis</i> 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
31	Exploring the genetic and adaptive diversity of a pan-Mediterranean crop wild relative: narrow-leafed lupin. <i>Theoretical and Applied Genetics</i> , 2018, 131, 887-901.	3.6	50
32	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
33	Salicylic Acid-Dependent Plant Stress Signaling via Mitochondrial Succinate Dehydrogenase. <i>Plant Physiology</i> , 2017, 173, 2029-2040.	4.8	84
34	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
35	LOCALIZER: subcellular localization prediction of both plant and effector proteins in the plant cell. <i>Scientific Reports</i> , 2017, 7, 44598.	3.3	340
36	Narrow-leafed lupin (<i>Lupinus angustifolius</i> L.) Î²-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

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37	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
38	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
39	Quinolizidine Alkaloid Biosynthesis in Lupins and Prospects for Grain Quality Improvement. <i>Frontiers in Plant Science</i> , 2017, 8, 87.	3.6	89
40	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
41	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
42	Jasmonate Signalling and Defence Responses in the Model Legume <i>Medicago truncatula</i> —A Focus on Responses to <i>Fusarium Wilt</i> Disease. <i>Plants</i> , 2016, 5, 11.	3.5	9
43	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. <i>BMC Genomics</i> , 2016, 17, 860.	2.8	42
44	Belowground Defence Strategies Against <i>Rhizoctonia</i> . <i>Signaling and Communication in Plants</i> , 2016, , 99-117.	0.7	0
45	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
46	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
47	EffectorP: predicting fungal effector proteins from secretomes using machine learning. <i>New Phytologist</i> , 2016, 210, 743-761.	7.3	438
48	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
49	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
50	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
51	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
52	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
53	Analysis of conglutin seed storage proteins across lupin species using transcriptomic, protein and comparative genomic approaches. <i>BMC Plant Biology</i> , 2015, 15, 106.	3.6	49
54	Advances and Challenges in Computational Prediction of Effectors from Plant Pathogenic Fungi. <i>PLoS Pathogens</i> , 2015, 11, e1004806.	4.7	197

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55	Characterization and mapping of LanrBo: a locus conferring anthracnose resistance in narrow-leafed lupin (<i>Lupinus angustifolius</i> L.). <i>Theoretical and Applied Genetics</i> , 2015, 128, 2121-2130.	3.6	25
56	Transcriptome sequencing of different narrow-leafed 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
57	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
58	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
59	Lupin Allergy: Uncovering Structural Features and Epitopes of Î ² -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
60	The Arabidopsis KH-Domain RNA-Binding Protein ESR1 Functions in Components of Jasmonate Signalling, Unlinking Growth Restraint and Resistance to Stress. <i>PLoS ONE</i> , 2015, 10, e0126978.	2.5	45
61	Diversifying selection in the wheat stem rust fungus acts predominantly on pathogen-associated gene families and reveals candidate effectors. <i>Frontiers in Plant Science</i> , 2014, 5, 372.	3.6	45
62	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
63	The mitochondrial outer membrane <i>AAA</i> ATPase AtOM66 affects cell death and pathogen resistance in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2014, 80, 709-727.	5.7	80
64	A chromosomal genomics approach to assess and validate the <i>desi</i> and <i>kabuli</i> draft chickpea genome assemblies. <i>Plant Biotechnology Journal</i> , 2014, 12, 778-786.	8.3	54
65	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
66	The essential role of genetic resources in narrow-leafed lupin improvement. <i>Crop and Pasture Science</i> , 2013, 64, 361.	1.5	44
67	<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
68	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
69	A comparative hidden Markov model analysis pipeline identifies proteins characteristic of cereal-infecting fungi. <i>BMC Genomics</i> , 2013, 14, 807.	2.8	26
70	Plant-aphid interactions with a focus on legumes. <i>Functional Plant Biology</i> , 2013, 40, 1271.	2.1	40
71	Genetic and Genomic Analysis of <i>Rhizoctonia solani</i> Interactions with <i>Arabidopsis</i> ; Evidence of Resistance Mediated through NADPH Oxidases. <i>PLoS ONE</i> , 2013, 8, e56814.	2.5	56
72	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

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73	Identification and characterization of resistance to cowpea aphid (<i>Aphis craccivora</i> Koch) in <i>Medicago truncatula</i> . <i>BMC Plant Biology</i> , 2012, 12, 101.	3.6	50
74	<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
75	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
76	Mutant Analysis in <i>Arabidopsis</i> Provides Insight into the Molecular Mode of Action of the Auxinic Herbicide Dicamba. <i>PLoS ONE</i> , 2011, 6, e17245.	2.5	59
77	Identification and characterisation of seed storage protein transcripts from <i>Lupinus angustifolius</i> . <i>BMC Plant Biology</i> , 2011, 11, 59.	3.6	71
78	Development of genomic resources for the narrow-leaved lupin (<i>Lupinus angustifolius</i>): construction of a bacterial artificial chromosome (BAC) library and BAC-end sequencing. <i>BMC Genomics</i> , 2011, 12, 521.	2.8	53
79	Interactions of <i>Arabidopsis</i> 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
80	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
81	Genome Sequence of the Pea Aphid <i>Acyrtosiphon pisum</i> . <i>PLoS Biology</i> , 2010, 8, e1000313.	5.6	913
82	The B-3 Ethylene Response Factor MtERF1-1 Mediates Resistance to a Subset of Root Pathogens in <i>Medicago truncatula</i> without Adversely Affecting Symbiosis with Rhizobia. <i>Plant Physiology</i> , 2010, 154, 861-873.	4.8	72
83	Plants versus pathogens: an evolutionary arms race. <i>Functional Plant Biology</i> , 2010, 37, 499.	2.1	156
84	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
85	A single gene, AIN, 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
86	The <i>Arabidopsis</i> glutathione transferase gene family displays complex stress regulation and silencing multiple genes results in altered metabolic sensitivity to oxidative stress. <i>Plant Journal</i> , 2009, 58, 53-68.	5.7	237
87	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
88	Characterization of Pea Aphid Resistance in <i>Medicago truncatula</i> . <i>Plant Physiology</i> , 2008, 146, 996-1009.	4.8	87
89	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
90	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

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91	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
92	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
93	Independent action and contrasting phenotypes of resistance genes against spotted alfalfa aphid and bluegreen aphid in <i>Medicago truncatula</i> . <i>New Phytologist</i> , 2007, 173, 630-640.	7.3	52
94	The <i>Medicago truncatula</i> reference accession A17 has an aberrant chromosomal configuration. <i>New Phytologist</i> , 2007, 174, 299-303.	7.3	42
95	Resistance to insect pests: What do legumes have to offer?. <i>Euphytica</i> , 2006, 147, 273-285.	1.2	86
96	Biotechnology approaches to overcome biotic and abiotic stress constraints in legumes. <i>Euphytica</i> , 2006, 147, 1-24.	1.2	214
97	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
98	Plant defence responses: what have we learnt from <i>Arabidopsis</i> ?. <i>Functional Plant Biology</i> , 2005, 32, 1.	2.1	136
99	Plant defence responses: conservation between models and crops. <i>Functional Plant Biology</i> , 2005, 32, 21.	2.1	39
100	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
101	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
102	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
103	Early Induction of the <i>Arabidopsis</i> GSTF8 Promoter by Specific Strains of the Fungal Pathogen <i>Rhizoctonia solani</i> . <i>Molecular Plant-Microbe Interactions</i> , 2004, 17, 70-80.	2.6	45
104	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
105	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
106	Transcription factors in plant defense and stress responses. <i>Current Opinion in Plant Biology</i> , 2002, 5, 430-436.	7.1	1,172
107	Characterization of salicylic acid-responsive, <i>Arabidopsis</i> Dof domain proteins: overexpression of OBP3 leads to growth defects. <i>Plant Journal</i> , 2000, 21, 329-339.	5.7	151
108	The auxin, hydrogen peroxide and salicylic acid induced expression of the <i>Arabidopsis</i> GST6 promoter is mediated in part by an ocs element. <i>Plant Journal</i> , 1999, 19, 667-677.	5.7	184

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109	A glucocorticoid-inducible transcription system causes severe growth defects in Arabidopsis and induces defense-related genes. <i>Plant Journal</i> , 1999, 20, 127-133.	5.7	138
110	Transcriptional Regulation in Plants: The Importance of Combinatorial Control. <i>Plant Physiology</i> , 1998, 118, 1111-1120.	4.8	198
111	<i>Arabidopsis thaliana</i> ethylene-responsive element binding protein (AtEBP), an ethylene-inducible, GCC box DNA-binding protein interacts with an ocs 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
112	Analysis of type 1 metallothionein cDNAs in <i>Vicia faba</i> . <i>Plant Molecular Biology</i> , 1997, 33, 583-591.	3.9	64
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	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
121	Isolation of a maize bZIP protein subfamily: candidates for the ocs-element transcription factor. <i>Plant Journal</i> , 1993, 3, 669-679.	5.7	42
122	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
123	Functional properties of the anaerobic responsive element of the maize Adh1 gene. <i>Plant Molecular Biology</i> , 1990, 15, 593-604.	3.9	91
124	OCSBF-1, a Maize Ocs Enhancer Binding Factor: Isolation and Expression during Development. <i>Plant Cell</i> , 1990, 2, 891.	6.6	0
125	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
126	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

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127	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
128	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