Diego Rubiales

List of Publications by Year
in descending order

366	14,092	58	88
papers	citations	h-index	g-index
		27035	54771

376	376	376	8589
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metabolomics profile responses to changing environments in a common bean (Phaseolus vulgaris L.) germplasm collection. Food Chemistry, 2022, 370, 131003.	4.2	9
2	Genomic regions associated with herbicide tolerance in a worldwide faba bean (Vicia faba L.) collection. Scientific Reports, 2022, 12, 158.	1.6	10
3	Development of Quantitative Real-Time PCR Assays to Quantify Erysiphe pisi and Erysiphe trifolii and Its Implementation for Monitoring Their Relative Prevalence in Pea Crops in Spain and Tunisia. Agronomy, 2022, 12, 334.	1.3	4
4	Adaptability and Stability of Faba Bean (Vicia faba L.) Accessions under Diverse Environments and Herbicide Treatments. Plants, 2022, 11, 251.	1.6	11
5	Application of Crop Growth Models to Assist Breeding for Intercropping: Opportunities and Challenges. Frontiers in Plant Science, 2022, 13, 720486.	1.7	7
6	Advances in disease and pest resistance in faba bean. Theoretical and Applied Genetics, 2022, 135, 3735-3756.	1.8	19
7	Searching for Abiotic Tolerant and Biotic Stress Resistant Wild Lentils for Introgression Breeding Through Predictive Characterization. Frontiers in Plant Science, 2022, 13, 817849.	1.7	11
8	Association Mapping of Lathyrus sativus Disease Response to Uromyces pisi Reveals Novel Loci Underlying Partial Resistance. Frontiers in Plant Science, 2022, 13, 842545.	1.7	7
9	Integrating Phenotypic and Gene Expression Linkage Mapping to Dissect Rust Resistance in Chickling Pea. Frontiers in Plant Science, 2022, 13, 837613.	1.7	3
10	Portuguese Common Bean Natural Variation Helps to Clarify the Genetic Architecture of the Legumeâ€™s Nutritional Composition and Protein Quality. Plants, 2022, 11, 26.	1.6	5
11	Anthraquinones and their analogues as potential biocontrol agents of rust and powdery mildew diseases of field crops. Pest Management Science, 2022, , .	1.7	5
12	Evaluation of performance and stability of new sources for tolerance to post-emergence herbicides		

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19	Advances in understanding plant root response to weedy root parasites. Burleigh Dodds Series in Agricultural Science, 2021, , 215-230.	0.1	1
20	Omics resources and omics-enabled approaches for achieving high productivity and improved quality in pea (Pisum sativum L.). Theoretical and Applied Genetics, 2021, 134, 755-776.	1.8	28
21	Faba bean. , 2021, , 452-481.		20
22	A diversity of resistance sources to Fusarium oxysporum f. sp. pisi found within grass pea germplasm. Plant and Soil, 2021, 463, 19-38.	1.8	12
23	Grain Yield Stability of Cereal-Legume Intercrops Is Greater Than Sole Crops in More Productive Conditions. Agriculture (Switzerland), 2021, 11, 255.	1.4	31
24	Characterization of the Resistance to Powdery Mildew and Leaf Rust Carried by the Bread Wheat Cultivar Victo. International Journal of Molecular Sciences, 2021, 22, 3109.	1.8	4
25	Pea Breeding Lines Adapted to Autumn Sowings in Broomrape Prone Mediterranean Environments. Agronomy, 2021, 11, 769.	1.3	9
26	Crop Diversification to Control Powdery Mildew in Pea. Agronomy, 2021, 11, 690.	1.3	12
27	The <i>MLO1</i> powdery mildew susceptibility gene in <i>Lathyrus</i> species: The power of highâ€density linkage maps in comparative mapping and synteny analysis. Plant Genome, 2021, 14, e20090.	1.6	8
28	Identification of tolerance to metribuzin and imazethapyr herbicides in faba bean. Crop Science, 2021, 61, 2593-2611.	0.8	13
29	Shared and tailored common bean transcriptomic responses to combined fusarium wilt and water deficit. Horticulture Research, 2021, 8, 149.	2.9	10
30	Effects of crop mixtures on rust development on faba bean grown in Mediterranean climates. Crop Protection, 2021, 146, 105686.	1.0	11
31	Heat Waves and Broomrape Are the Major Constraints for Lentil Cultivation in Southern Spain. Agronomy, 2021, 11, 1871.	1.3	6
32	Development of Pea Breeding Lines with Resistance to Orobanche crenata Derived from Pea Landraces and Wild Pisum spp.. Agronomy, 2021, 11, 36.	1.3	13
33	Grass pea natural variation reveals oligogenic resistance to <i>Fusarium oxysporum</i> f. sp. <i>pisi</i>. Plant Genome, 2021, 14, e20154.	1.6	5
34	Photosystem II Repair Cycle in Faba Bean May Play a Role in Its Resistance to Botrytis fabae Infection. Agronomy, 2021, 11, 2247.	1.3	3
35	Legume Breeding for the Agroecological Transition of Global Agri-Food Systems: A European Perspective. Frontiers in Plant Science, 2021, 12, 782574.	1.7	25
36	Natural Variation in Portuguese Common Bean Germplasm Reveals New Sources of Resistance Against <i>Fusarium oxysporum</i> f. sp. <i>phaseoli</i> and Resistance-Associated Candidate Genes. Phytopathology, 2020, 110, 633-647.	1.1	28

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37	Identification of quantitative trait loci (QTL) controlling resistance to pea weevil (Bruchus pisorum) in a high-density integrated DArTseq SNP-based genetic map of pea. Scientific Reports, 2020, 10, 33.	1.6	18
38	Identification of potential candidate genes controlling pea aphid tolerance in a <scp><i>Pisum fulvum</i></scp> highâ€density integrated DArTseq SNPâ€based genetic map. Pest Management Science, 2020, 76, 1731-1742.	1.7	11
39	Resistance to Anthracnose (Colletotrichum lentis, Race 0) in Lens spp. Germplasm. Agronomy, 2020, 10, 1799.	1.3	10
40	Broomrape Threat to Agriculture. Outlooks on Pest Management, 2020, 31, 141-145.	0.1	8
41	Fusarium Wilt Management in Legume Crops. Agronomy, 2020, 10, 1073.	1.3	32
42	Broomrape as a Major Constraint for Grass Pea (Lathyrus sativus) Production in Mediterranean Rain-Fed Environments. Agronomy, 2020, 10, 1931.	1.3	6
43	Adaptation of Grass Pea (Lathyrus sativus) to Mediterranean Environments. Agronomy, 2020, 10, 1295.	1.3	9
44	Legume Crops and Biotrophic Pathogen Interactions: A Continuous Cross-Talk of a Multilayered Array of Defense Mechanisms. Plants, 2020, 9, 1460.	1.6	15
45	Partial Resistance Against <i>Erysiphe pisi</i> and <i>E. trifolii</i> Under Different Genetic Control in <i>Lathyrus cicera</i>: Outcomes from a Linkage Mapping Approach. Plant Disease, 2020, 104, 2875-2884.	0.7	10
46	Quantitative Analysis of Target Peptides Related to Resistance Against <i>Ascochyta</i> Blight (<i>Peyronellaea pinodes</i>) in Pea. Journal of Proteome Research, 2020, 19, 1000-1012.	1.8	31
47	Adaptation of One-Flowered Vetch (Vicia articulata Hornem.) to Mediterranean Rain Fed Conditions. Agronomy, 2020, 10, 383.	1.3	2
48	Abiotic and Biotic Stresses Interaction in Fabaceae Plants. Contributions from the Grain Legumes/Soilborne Vascular Diseases/Drought Stress Triangle. , 2020, , 237-260.		2
49	Impact of fungal and plant metabolites application on early development stages of pea powdery mildew. Pest Management Science, 2019, 75, 2464-2473.	1.7	9
50	Flower and Pod Source Influence on Pea Weevil (Bruchus pisorum) Oviposition Capacity and Preference. Frontiers in Plant Science, 2019, 10, 491.	1.7	8
51	Genetic diversity and structure of Fusarium oxysporum f.sp. lentis isolates from Iran, Syria and Algeria. European Journal of Plant Pathology, 2019, 153, 1019-1029.	0.8	8
52	Antifeedant activity of long-chain alcohols, and fungal and plant metabolites against pea aphid (<i>Acyrthosiphon pisum</i>) as potential biocontrol strategy. Natural Product Research, 2019, 33, 2471-2479.	1.0	20
53	Advances in pea breeding. Burleigh Dodds Series in Agricultural Science, 2019, , 575-606.	0.1	10
54	Identification and characterisation of antixenosis and antibiosis to pea aphid (<i>Acyrthosiphon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.3	10

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55	Identification and multi-environment validation of resistance to pea weevil (Bruchus pisorum) in Pisum germplasm. Journal of Pest Science, 2018, 91, 505-514.	1.9	22
56	Pisatin involvement in the variation of inhibition of <i>Fusarium oxysporum</i> f. sp. <i>pisi</i> spore germination by root exudates of <i>Pisum</i> spp. germplasm. Plant Pathology, 2018, 67, 1046-1054.	1.2	22
57	Allelopathy for Parasitic Plant Management. Natural Product Communications, 2018, 13, 1934578X1801300.	0.2	6
58	Expressional and positional candidate genes for resistance to Peyronellaea pinodes in pea. Euphytica, 2018, 214, 1.	0.6	3
59	First genetic linkage map of Lathyrus cicera based on RNA sequencing-derived markers: Key tool for genetic mapping of disease resistance. Horticulture Research, 2018, 5, 45.	2.9	19
60	Multi-Environmental Trials Reveal Genetic Plasticity of Oat Agronomic Traits Associated With Climate Variable Changes. Frontiers in Plant Science, 2018, 9, 1358.	1.7	12
61	Er3 gene, conferring resistance to powdery mildew in pea, is located in pea LGIV. Euphytica, 2018, 214, 1.	0.6	21
62	Fatty Acid Profile Changes During Gradual Soil Water Depletion in Oats Suggests a Role for Jasmonates in Coping With Drought. Frontiers in Plant Science, 2018, 9, 1077.	1.7	69
63	Editorial: Advances in Ascochyta Research. Frontiers in Plant Science, 2018, 9, 22.	1.7	19
64	A High-Density Integrated DArTseq SNP-Based Genetic Map of Pisum fulvum and Identification of QTLs Controlling Rust Resistance. Frontiers in Plant Science, 2018, 9, 167.	1.7	58
65	Physical and Chemical Barriers in Root Tissues Contribute to Quantitative Resistance to Fusarium oxysporum f. sp. pisi in Pea. Frontiers in Plant Science, 2018, 9, 199.	1.7	58
66	Editorial: Advances in Parasitic Weed Research. Frontiers in Plant Science, 2018, 9, 236.	1.7	11
67	Editorial: Advances in Legume Research. Frontiers in Plant Science, 2018, 9, 501.	1.7	8
68	Developing pest- and disease-resistant cultivars of grain legumes. Burleigh Dodds Series in Agricultural Science, 2018, , 155-176.	0.1	0
69	Cytoskeleton reorganization/disorganization is a key feature of induced inaccessibility for defence to successive pathogen attacks. Molecular Plant Pathology, 2017, 18, 662-671.	2.0	7
70	Higher rust resistance and similar yield of oat landraces versus cultivars under high temperature and drought. Agronomy for Sustainable Development, 2017, 37, 1.	2.2	31
71	Reduced nitric oxide levels during drought stress promote drought tolerance in barley and is associated with elevated polyamine biosynthesis. Scientific Reports, 2017, 7, 13311.	1.6	79
72	Complexation of sesquiterpene lactones with cyclodextrins: synthesis and effects on their activities on parasitic weeds. Organic and Biomolecular Chemistry, 2017, 15, 6500-6510.	1.5	23

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73	Identification and multi-environment validation of resistance to rust (Uromyces viciae-fabae) in Vicia faba. Crop and Pasture Science, 2017, 68, 1013.	0.7	12
74	High productivity of dry pea genotypes resistant to crenate broomrape in Mediterranean environments. Agronomy for Sustainable Development, 2017, 37, 1.	2.2	11
75	Histopathology of the infection on resistant and susceptible lentil accessions by two contrasting pathotypes of Fusarium oxysporum f.sp. lentis. European Journal of Plant Pathology, 2017, 148, 53-63.	0.8	26
76	Inhibition of early development stages of rust fungi by the two fungal metabolites cyclopaldic acid and <i>epi</i>â€epoformin. Pest Management Science, 2017, 73, 1161-1168.	1.7	18
77	Legumes in sustainable agriculture. Crop and Pasture Science, 2017, 68, i.	0.7	16
78	Assessment of field pea (Pisum sativum L.) grain yield, aerial biomass and flowering date stability in Mediterranean environments. Crop and Pasture Science, 2017, 68, 915.	0.7	13
79	Inhibition of Spore Germination and Appressorium Formation of Rust Species by Plant and Fungal Metabolites. Natural Product Communications, 2016, 11, 1934578X1601100.	0.2	5
80	Las leguminosas grano en la agricultura espaÃ±ola y europea. Arbor, 2016, 192, a311.	0.1	6
81	Clarification on Host Range of Didymella pinodes the Causal Agent of Pea Ascochyta Blight. Frontiers in Plant Science, 2016, 7, 592.	1.7	28
82	The Effect of Orobanche crenata Infection Severity in Faba Bean, Field Pea, and Grass Pea Productivity. Frontiers in Plant Science, 2016, 7, 1409.	1.7	52
83	Compromised Photosynthetic Electron Flow and H2O2 Generation Correlate with Genotype-Specific Stomatal Dysfunctions during Resistance against Powdery Mildew in Oats. Frontiers in Plant Science, 2016, 7, 1660.	1.7	4
84	Characterization of Resistance Mechanisms in Faba Bean (Vicia faba) against Broomrape Species (Orobanche and Phelipanche spp.). Frontiers in Plant Science, 2016, 7, 1747.	1.7	21
85	Differences in Crenate Broomrape Parasitism Dynamics on Three Legume Crops Using a Thermal Time Model. Frontiers in Plant Science, 2016, 7, 1910.	1.7	18
86	Phthalimideâ€derived strigolactone mimics as germinating agents for seeds of parasitic weeds. Pest Management Science, 2016, 72, 2069-2081.	1.7	21
87	QTLs for ascochyta blight resistance in faba bean (Vicia faba L.): validation in field and controlled conditions. Crop and Pasture Science, 2016, 67, 216.	0.7	25
88	Labelâ€free quantitative proteomic analysis of tolerance to drought in <i>Pisum sativum</i>. Proteomics, 2016, 16, 2776-2787.	1.3	12
89	Genome-wide identification and comparison of legume MLO gene family. Scientific Reports, 2016, 6, 32673.	1.6	41
90	Induction of Haustorium Development by Sphaeropsidones in Radicles of the Parasitic Weeds <i>Striga</i> and <i>Orobanche</i>. A Structureâ€"Activity Relationship Study. Journal of Agricultural and Food Chemistry, 2016, 64, 5188-5196.	2.4	29

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91	Free polyamine and polyamine regulation during preâ€penetration and penetration resistance events in oat against crown rust (<i>Puccinia coronata</i> f. sp. <i>avenae</i>). Plant Pathology, 2016, 65, 392-401.	1.2	16
92	Identification of pathotypes in Fusarium oxysporum f.sp. lentis. European Journal of Plant Pathology, 2016, 144, 539-549.	0.8	22
93	Inhibition of Spore Germination and Appressorium Formation of Rust Species by Plant and Fungal Metabolites. Natural Product Communications, 2016, 11, 1343-1347.	0.2	8
94	Resistance reaction of Medicago truncatula genotypes to Fusarium oxysporum: effect of plant age, substrate and inoculation method. Crop and Pasture Science, 2015, 66, 506.	0.7	17
95	Temperature and water stress during conditioning and incubation phase affecting Orobanche crenata seed germination and radicle growth. Frontiers in Plant Science, 2015, 6, 408.	1.7	11
96	Transcriptional profiling of Medicago truncatula during Erysiphe pisi infection. Frontiers in Plant Science, 2015, 6, 517.	1.7	10
97	BTH and BABA induce resistance in pea against rust (Uromyces pisi) involving differential phytoalexin accumulation. Planta, 2015, 242, 1095-1106.	1.6	26
98	Identification of resistance to Fusarium oxysporum f.sp. lentis in Spanish lentil germplasm. European Journal of Plant Pathology, 2015, 143, 399-405.	0.8	16
99	A metabolomic study in oats (<scp><i>A</i></scp><i>vena sativa</i>) highlights a drought tolerance mechanism based upon salicylate signalling pathways and the modulation of carbon, antioxidant and photoâ€oxidative metabolism. Plant, Cell and Environment, 2015, 38, 1434-1452.	2.8	73
100	Understanding pea resistance mechanisms in response to Fusarium oxysporum through proteomic analysis. Phytochemistry, 2015, 115, 44-58.	1.4	47
101	Penetration resistance to Erysiphe pisi in pea mediated by er1 gene is associated with protein cross-linking but not with callose apposition or hypersensitive response. Euphytica, 2015, 201, 381-387.	0.6	20
102	Genome-wide association study for crown rust (Puccinia coronata f. sp. avenae) and powdery mildew (Blumeria graminis f. sp. avenae) resistance in an oat (Avena sativa) collection of commercial varieties and landraces. Frontiers in Plant Science, 2015, 6, 103.	1.7	43
103	Lathyrus sativus transcriptome resistance response to Ascochyta lathyri investigated by deepSuperSAGE analysis. Frontiers in Plant Science, 2015, 6, 178.	1.7	43
104	Rapid and Efficient Estimation of Pea Resistance to the Soil-Borne Pathogen Fusarium oxysporum by Infrared Imaging. Sensors, 2015, 15, 3988-4000.	2.1	12
105	Quantitative Trait Loci Associated to Drought Adaptation in Pea (Pisum sativum L.). Plant Molecular Biology Reporter, 2015, 33, 1768-1778.	1.0	51
106	Grass Pea. Handbook of Plant Breeding, 2015, , 251-265.	0.1	5
107	Introduction: Legumes in Sustainable Agriculture. Critical Reviews in Plant Sciences, 2015, 34, 2-3.	2.7	73
108	Molecular and cytogenetic characterization of a common wheat-Agropyron cristatum chromosome translocation conferring resistance to leaf rust. Euphytica, 2015, 201, 89-95.	0.6	35

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109	Models, Developments, and Perspectives of Mutual Legume Intercropping. Advances in Agronomy, 2015, 130, 337-419.	2.4	27
110	Ryecyanatines A and B and ryecarbonitrilines A and B, substituted cyanatophenol, cyanatobenzo[1,3]dioxole, and benzo[1,3]dioxolecarbonitriles from rye (Secale cereale L.) root exudates: Novel metabolites with allelopathic activity on Orobanche seed germination and radicle growth. Phytochemistry, 2015, 109, 57-65.	1.4	25
111	Genetic analysis of root morphological traits in wheat. Molecular Genetics and Genomics, 2015, 290, 785-806.	1.0	37
112	Achievements and Challenges in Legume Breeding for Pest and Disease Resistance. Critical Reviews in Plant Sciences, 2015, 34, 195-236.	2.7	153
113	Plant Defense Responses in Medicago truncatula Unveiled by Microarray Analysis. Plant Molecular Biology Reporter, 2015, 33, 569-583.	1.0	8
114	Legume breeding for broomrape resistance. Czech Journal of Genetics and Plant Breeding, 2014, 50, 144-150.	0.4	15
115	Resistance to rusts (Uromyces pisi and U. viciae-fabae) in pea. Czech Journal of Genetics and Plant Breeding, 2014, 50, 135-143.	0.4	13
116	Resistance to rust and powdery mildew in Lathyrus crops. Czech Journal of Genetics and Plant Breeding, 2014, 50, 116-122.	0.4	10
117	Response of Vicia species to Ascochyta fabae and Uromyces viciae-fabae. Czech Journal of Genetics and Plant Breeding, 2014, 50, 109-115.	0.4	4
118	Identification and mapping of quantitative trait loci for leaf rust resistance derived from a tetraploid wheat Triticum dicoccum accession. Molecular Breeding, 2014, 34, 1659-1675.	1.0	33
119	Allelic diversity in the transcriptomes of contrasting rust-infected genotypes of Lathyrus sativus, a lasting resource for smart breeding. BMC Plant Biology, 2014, 14, 376.	1.6	37
120	Unveiling common responses of Medicago truncatula to appropriate and inappropriate rust species. Frontiers in Plant Science, 2014, 5, 618.	1.7	7
121	Identification of Sources of Quantitative Resistance to <i>Fusarium oxysporum</i> f. sp. <i>medicaginis</i> in <i>Medicago truncatula</i>. Plant Disease, 2014, 98, 667-673.	0.7	27
122	Lathyrus diversity: available resources with relevance to crop improvement â€“ L. sativus and L. cicera as case studies. Annals of Botany, 2014, 113, 895-908.	1.4	74
123	Differential gene transcript accumulation in peas in response to powdery mildew (Erysiphe pisi) attack. Euphytica, 2014, 198, 13-28.	0.6	17
124	Identification of Genes Involved in Resistance to Didymella pinodes in Pea by deepSuperSAGE Transcriptome Profiling. Plant Molecular Biology Reporter, 2014, 32, 258-269.	1.0	24
125	Transferability of molecular markers from major legumes to Lathyrus spp. for their application in mapping and diversity studies. Molecular Biology Reports, 2014, 41, 269-283.	1.0	34
126	Changes in polyamine profile in host and non-host oatâ€“powdery mildew interactions. Phytochemistry Letters, 2014, 8, 207-212.	0.6	10

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127	Proteomic Analysis of Pea (Pisum sativum L.) Response During Compatible and Incompatible Interactions with the Pea Aphid (Acyrthosiphon pisum H.). Plant Molecular Biology Reporter, 2014, 32, 697-718.	1.0	35
128	Quantum Dot and Superparamagnetic Nanoparticle Interaction with Pathogenic Fungi: Internalization and Toxicity Profile. ACS Applied Materials & Interfaces, 2014, 6, 9100-9110.	4.0	71
129	Effect of Fungal and Plant Metabolites on Broomrapes (<i>Orobanche</i> and <i>Phelipanche</i> spp.) Seed Germination and Radicle Growth. Journal of Agricultural and Food Chemistry, 2014, 62, 10485-10492.	2.4	43
130	Low Strigolactone Root Exudation: A Novel Mechanism of Broomrape (<i>Orobanche</i> and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Chemistry, 2014, 62, 7063-7071.	2.4	62
131	Identification of quantitative trait loci and candidate genes for specific cellular resistance responses against Didymella pinodes in pea. Plant Cell Reports, 2014, 33, 1133-1145.	2.8	53
132	Detection of partial resistance quantitative trait loci against Didymella pinodes in Medicago truncatula. Molecular Breeding, 2014, 33, 589-599.	1.0	7
133	Characterization of Transcription Factors Following Expression Profiling of Medicago truncatulaâ€"Botrytis spp. Interactions. Plant Molecular Biology Reporter, 2014, 32, 1030-1040.	1.0	7
134	Identification and multi-environment validation of resistance against broomrapes (Orobanche) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	2.3	44
135	Adaptation of oat (Avena sativa) cultivars to autumn sowings in Mediterranean environments. Field Crops Research, 2014, 156, 111-122.	2.3	44
136	Identification of the Main Toxins Isolated from <i>Fusarium oxysporum</i> f. sp. <i>pisi</i> Race 2 and Their Relation with Isolatesâ€™ Pathogenicity. Journal of Agricultural and Food Chemistry, 2014, 62, 2574-2580.	2.4	40
137	QTLs for Orobanche spp. resistance in faba bean: identification and validation across different environments. Molecular Breeding, 2013, 32, 909-922.	1.0	39
138	Genetic Diversity and Population Structure Among Oat Cultivars and Landraces. Plant Molecular Biology Reporter, 2013, 31, 1305-1314.	1.0	55
139	Adaptation of spring faba bean types across European climates. Field Crops Research, 2013, 145, 1-9.	2.3	52
140	Characterization of mechanisms of resistance against Didymella pinodes in Pisum spp.. European Journal of Plant Pathology, 2013, 135, 761-769.	0.8	51
141	Genetic basis of qualitative and quantitative resistance to powdery mildew in wheat: from consensus regions to candidate genes. BMC Genomics, 2013, 14, 562.	1.2	84
142	Erysiphe trifolii is able to overcome er1 and Er3, but not er2, resistance genes in pea. European Journal of Plant Pathology, 2013, 136, 557-563.	0.8	29
143	Inhibition of Orobanche crenata Seed Germination and Radicle Growth by Allelochemicals Identified in Cereals. Journal of Agricultural and Food Chemistry, 2013, 61, 9797-9803.	2.4	37
144	Response of vetches (Vicia spp.) to specialized forms of Uromyces vicia-fabae and to Uromyces pisi. Crop Protection, 2013, 46, 38-43.	1.0	22

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145	Didymella pinodes and its management in field pea: Challenges and opportunities. Field Crops Research, 2013, 148, 61-77.	2.3	51
146	Lentisone, a New Phytotoxic Anthraquinone Produced by Ascochyta lentis, the Causal Agent of Ascochyta Blight in Lens culinaris. Journal of Agricultural and Food Chemistry, 2013, 61, 7301-7308.	2.4	23
147	Identification of preâ€•and posthaustorial resistance to rust (<i><scp>U</scp>romyces viciaeâ€fabae</i>) in lentil (<i><scp>L</scp>ens culinaris</i>) germplasm. Plant Breeding, 2013, 132, 676-680.	1.0	18
148	Identification of resistance to rust (<i><scp>U</scp>romyces appendiculatus</i>) and powdery mildew (<i><scp>E</scp>rysiphe diffusa</i>) in <scp>P</scp>ortuguese common bean germplasm. Plant Breeding, 2013, 132, 654-657.	1.0	10
149	Proteomic analysis by two-dimensional differential in gel electrophoresis (2D DIGE) of the early response of Pisum sativum to Orobanche crenata. Journal of Experimental Botany, 2012, 63, 107-119.	2.4	33
150	Future Prospects for Ascochyta Blight Resistance Breeding in Cool Season Food Legumes. Frontiers in Plant Science, 2012, 3, 27.	1.7	48
151	Targeting sources of drought tolerance within an Avena spp. collection through multivariate approaches. Planta, 2012, 236, 1529-1545.	1.6	18
152	Identification of quantitative trait loci involved in resistance to Pseudomonas syringae pv. syringae in pea (Pisum sativum L.). Euphytica, 2012, 186, 805-812.	0.6	23
153	Genetic resistance to powdery mildew in common bean. Euphytica, 2012, 186, 875-882.	0.6	23
154	Resistance against broomrapes (Orobanche and Phelipanche spp.) in faba bean (Vicia faba) based in low induction of broomrape seed germination. Euphytica, 2012, 186, 897-905.	0.6	45
155	Identification and characterization of resistance to rust (Uromyces ciceris-arietini (Grognot) Jacz.) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	18
156	Comparative proteomic analysis of BTH and BABA-induced resistance in pea (Pisum sativum) toward infection with pea rust (Uromyces pisi). Journal of Proteomics, 2012, 75, 5189-5205.	1.2	30
157	Pinolide, a New Nonenolide Produced by Didymella pinodes, the Causal Agent of Ascochyta Blight on Pisum sativum. Journal of Agricultural and Food Chemistry, 2012, 60, 5273-5278.	2.4	30
158	Characterization of wheat DArT markers: genetic and functional features. Molecular Genetics and Genomics, 2012, 287, 741-753.	1.0	46
159	Pea (Pisum sativum L.) in the Genomic Era. Agronomy, 2012, 2, 74-115.	1.3	172
160	Powdery mildew control in pea. A review. Agronomy for Sustainable Development, 2012, 32, 401-409.	2.2	84
161	Innovations in parasitic weeds management in legume crops. A review. Agronomy for Sustainable Development, 2012, 32, 433-449.	2.2	109
162	Faba bean adaptation to autumn sowing under European climates. Agronomy for Sustainable Development, 2012, 32, 727-734.	2.2	49

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163	Identification and characterization of sources of resistance in <i>Avena sativa</i>, <i>A.Âbyzantina</i> and <i>A.Âstrigosa</i> germplasm against a pathotype of <i>Puccinia coronata</i> f.sp. <i>avenae</i> with virulence against the <i>Pc94</i> resistance gene. Plant Pathology, 2012, 61, 315-322.	1.2	22
164	A detailed evaluation method to identify sources of quantitative resistance to <i>Fusarium oxysporum</i> f. sp. <i>pisi</i> race 2 within a <i>Pisum</i> spp. germplasm collection. Plant Pathology, 2012, 61, 532-542.	1.2	52
165	Escape and true resistance to crenate broomrape (Orobanche crenata Forsk.) in grass pea (Lathyrus) Tj ETQq1 1 0.784314 rgBT /Overlo	2.3	29
166	Identification and multi-environment validation of resistance to Ascochyta fabae in faba bean (Vicia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	53
167	Differential response of pea (Pisum sativum) to Orobanche crenata, Orobanche foetida and Phelipanche aegyptiaca. Crop Protection, 2012, 31, 27-30.	1.0	12
168	Induction of systemic acquired resistance against rust, ascochyta blight and broomrape in faba bean by exogenous application of salicylic acid and benzothiadiazole. Crop Protection, 2012, 34, 65-69.	1.0	48
169	Clarification on rust species potentially infecting pea (Pisum sativum L.) crop and host range of Uromyces pisi (Pers.) Wint. Crop Protection, 2012, 37, 65-70.	1.0	18
170	Identification of resistance to tan spot (<i>Pyrenophora triticiâ€repentis</i>) in <i>Hordeum chilense</i> and its expression in its amphiploids with diploid, tetraploid and hexaploid <i>Triticum</i> species. Plant Breeding, 2012, 131, 579-583.	1.0	0
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173	The role of strigolactones in host specificity of<i>Orobanche</i>and<i>Phelipanche</i>seed germination. Seed Science Research, 2011, 21, 55-61.	0.8	92
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175	Phylogenetic Analysis of Uromyces Species Infecting Grain and Forage Legumes by Sequence analysis of Nuclear Ribosomal Internal Transcribed Spacer Region. Journal of Phytopathology, 2011, 159, 137-145.	0.5	21
176	Confirmation that the <i>Er3</i> gene, conferring resistance to <i>Erysiphe pisi</i> in pea, is a different gene from <i>er1</i> and <i>er2</i> genes. Plant Breeding, 2011, 130, 281-282.	1.0	44
177	Resistance of <i>Hordeum chilense</i> against loose smuts of wheat and barley (<i>Ustilago tritici) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	5
178	Resistance to powdery mildew (<i>Blumeria graminis</i> f.sp. <i>avenae</i>) in oat seedlings and adult plants. Plant Pathology, 2011, 60, 846-856.	1.2	35
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180	Transformation and regeneration of the holoparasitic plant Phelipanche aegyptiaca. Plant Methods, 2011, 7, 36.	1.9	32

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