Diego Rubiales

List of Publications by Year
in descending order

366 papers	14,092 citations	27035 58 h-index	54771 88 g-index
376 all docs	376 docs citations	376 times ranked	8589 citing authors

#	Article	IF	Citations
1	Nanotechnology for parasitic plant control. Pest Management Science, 2009, 65, 540-545.	1.7	347
2	Nanoparticle penetration and transport in living pumpkin plants: in situsubcellular identification. BMC Plant Biology, 2009, 9, 45.	1.6	331
3	Nanoparticles as Smart Treatment-delivery Systems in Plants: Assessment of Different Techniques of Microscopy for their Visualization in Plant Tissues. Annals of Botany, 2008, 101, 187-195.	1.4	303
4	Biotechnology approaches to overcome biotic and abiotic stress constraints in legumes. Euphytica, 2006, 147, 1-24.	0.6	214
5	Cereal landraces for sustainable agriculture. A review. Agronomy for Sustainable Development, 2010, 30, 237-269.	2.2	197
6	Integrated pest management in faba bean. Field Crops Research, 2010, 115, 308-318.	2.3	174
7	Pea (Pisum sativum L.) in the Genomic Era. Agronomy, 2012, 2, 74-115.	1.3	172
8	Absorption and translocation to the aerial part of magnetic carbon-coated nanoparticles through the root of different crop plants. Journal of Nanobiotechnology, 2010, 8, 26.	4.2	159
9	Screening techniques and sources of resistance to foliar diseases caused by major necrotrophic fungi in grain legumes. Euphytica, 2006, 147, 223-253.	0.6	154
10	Biology and Management of Weedy Root Parasites. , 2007, , 267-349.		154
11	Achievements and Challenges in Legume Breeding for Pest and Disease Resistance. Critical Reviews in Plant Sciences, 2015, 34, 195-236.	2.7	153
12	Screening techniques and sources of resistance against parasitic weeds in grain legumes. Euphytica, 2006, 147, 187-199.	0.6	137
13	Potentially durable resistance mechanisms in plants to specialised fungal pathogens. Euphytica, 2002, 124, 201-216.	0.6	136
14	Lathyrus improvement for resistance against biotic and abiotic stresses: From classical breeding to marker assisted selection. Euphytica, 2006, 147, 133-147.	0.6	133
15	Faba bean breeding for disease resistance. Field Crops Research, 2010, 115, 297-307.	2.3	128
16	Characterization of<i>Lr34,</i>a Major Gene Conferring Nonhypersensitive Resistance to Wheat Leaf Rust. Plant Disease, 1995, 79, 1208.	0.7	128
17	Recognition of root exudates by seeds of broomrape (Orobanche and Phelipanche) species. Annals of Botany, 2009, 103, 423-431.	1.4	110
18	Innovations in parasitic weeds management in legume crops. A review. Agronomy for Sustainable Development, 2012, 32, 433-449.	2.2	109

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19	Orobanche crenata resistance and avoidance in pea (Pisum spp.) operate at different developmental stages of the parasite. Weed Research, 2005, 45, 379-387.	0.8	107
20	Faba bean breeding for resistance against biotic stresses: Towards application of marker technology. Euphytica, 2006, 147, 67-80.	0.6	104
21	Mapping of quantitative trait loci controlling broomrape (Orobanche crenataForsk.) resistance in faba bean (Vicia fabaL.). Genome, 2002, 45, 1057-1063.	0.9	103
22	Revisiting strategies for reducing the seedbank of <i>Orobanche</i> and <i>Phelipanche</i> spp.. Weed Research, 2009, 49, 23-33.	0.8	103
23	Isolate and organ-specific QTLs for ascochyta blight resistance in faba bean (Vicia faba L).. Theoretical and Applied Genetics, 2004, 108, 1071-1078.	1.8	94
24	Interaction between Orobanche crenata and its Host Legumes: Unsuccessful Haustorial Penetration and Necrosis of the Developing Parasite. Annals of Botany, 2005, 95, 935-942.	1.4	93
25	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
26	A proteomic approach to study pea (Pisum sativum) responses to powdery mildew (Erysiphe pisi). Proteomics, 2006, 6, S163-S174.	1.3	90
27	Screening techniques and sources of resistance to rusts and mildews in grain legumes. Euphytica, 2006, 147, 255-272.	0.6	90
28	Macroscopic and Histological Characterisation of Genes er1 and er2 for Powdery Mildew Resistance in Pea. European Journal of Plant Pathology, 2006, 115, 309-321.	0.8	89
29	Plant resistance to parasitic plants: molecular approaches to an old foe. New Phytologist, 2007, 173, 703-712.	3.5	89
30	Genetic mapping of QTLs controlling horticultural traits in diploid roses. Theoretical and Applied Genetics, 2005, 111, 511-520.	1.8	88
31	Characterization of resistance in chickpea to crenate broomrape (Orobanche crenata). Weed Science, 2003, 51, 702-707.	0.8	86
32	Response to Mycosphaerella pinodes in a germplasm collection of Pisum spp. Plant Breeding, 2005, 124, 313-315.	1.0	86
33	Identification of a New Gene for Resistance to Powdery Mildew in Pisum fulvum, a Wild Relative of Pea. Breeding Science, 2007, 57, 181-184.	0.9	84
34	Powdery mildew control in pea. A review. Agronomy for Sustainable Development, 2012, 32, 401-409.	2.2	84
35	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
36	A proteomic approach to studying plant response to crenate broomrape (Orobanche crenata) in pea (Pisum sativum). Phytochemistry, 2004, 65, 1817-1828.	1.4	83

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37	Intercropping with cereals reduces infection by Orobanche crenata in legumes. Crop Protection, 2007, 26, 1166-1172.	1.0	83
38	Broomrape management in faba bean. Field Crops Research, 2010, 115, 319-328.	2.3	79
39	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
40	Histological Characterization of Resistance to Uromyces viciae-fabae in Faba Bean. Phytopathology, 2002, 92, 294-299.	1.1	78
41	Crenate broomrape (Orobanche crenata) infection in field pea cultivars. Crop Protection, 2003, 22, 865-872.	1.0	78
42	Identification of RAPD markers linked to the Uvf-1 gene conferring hypersensitive resistance against rust (Uromyces viciae-fabae) in Vicia faba L.. Theoretical and Applied Genetics, 2003, 107, 353-358.	1.8	77
43	Identification of genes differentially expressed in a resistant reaction to Mycosphaerella pinodes in pea using microarray technology. BMC Genomics, 2011, 12, 28.	1.2	77
44	Protein cross-linking, peroxidase and Î²-1,3-endoglucanase involved in resistance of pea against Orobanche crenata. Journal of Experimental Botany, 2006, 57, 1461-1469.	2.4	75
45	Mucilage production during the incompatible interaction between Orobanche crenata and Vicia sativa. Journal of Experimental Botany, 2006, 57, 931-942.	2.4	74
46	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
47	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
48	Introduction: Legumes in Sustainable Agriculture. Critical Reviews in Plant Sciences, 2015, 34, 2-3.	2.7	73
49	Breeding approaches for crenate broomrape (<i>Orobanche crenata</i> Forsk.) management in pea (<i>Pisum sativum</i> L.). Pest Management Science, 2009, 65, 553-559.	1.7	71
50	Quantum Dot and Superparamagnetic Nanoparticle Interaction with Pathogenic Fungi: Internalization and Toxicity Profile. ACS Applied Materials & Interfaces, 2014, 6, 9100-9110.	4.0	71
51	Parasitic plant management in sustainable agriculture. Weed Research, 2009, 49, 1-5.	0.8	69
52	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
53	Parasitic plants, wild relatives and the nature of resistance. New Phytologist, 2003, 160, 459-461.	3.5	68
54	Acibenzolar- S -methyl-induced resistance to sunflower rust (Puccinia helianthi) is associated with an enhancement of coumarins on foliar surface. Physiological and Molecular Plant Pathology, 2002, 60, 155-162.	1.3	65

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55	Model legumes contribute to faba bean breeding. Field Crops Research, 2010, 115, 253-269.	2.3	64
56	Mapping of quantitative trait loci for resistance to Mycosphaerella pinodes in Pisum sativum subsp. syriacum. Molecular Breeding, 2008, 21, 439-454.	1.0	62
57	Low Strigolactone Root Exudation: A Novel Mechanism of Broomrape (<i>Orobanche</i> and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Chemistry, 2014, 62, 7063-7071.	2.4	62
58	Locating genes associated with Ascochyta fabae resistance in Vicia faba. Australian Journal of Agricultural Research, 2003, 54, 85.	1.5	61
59	Search for Resistance to Crenate Broomrape (Orobanche crenata Forsk.) in Pea Germplasm. Genetic Resources and Crop Evolution, 2005, 52, 853-861.	0.8	60
60	Understanding <i>Orobanche</i> and <i>Phelipanche</i>â€"host plant interactions and developing resistance. Weed Research, 2009, 49, 8-22.	0.8	60
61	Identification of quantitative trait loci for specific mechanisms of resistance to Orobanche crenata Forsk. in pea (Pisum sativum L.). Molecular Breeding, 2010, 25, 259-272.	1.0	60
62	Regiolone and Isosclerone, Two Enantiomeric Phytotoxic Naphthalenone Pentaketides: Computational Assignment of Absolute Configuration and Its Relationship with Phytotoxic Activity. European Journal of Organic Chemistry, 2011, 2011, 5564-5570.	1.2	60
63	Identification and validation of RAPD and SCAR markers linked to the gene Er3 conferring resistance to Erysiphe pisi DC in pea. Molecular Breeding, 2008, 22, 193-200.	1.0	59
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	Characterization of new sources of resistance to Uromyces viciae-fabae in a germplasm collection of Vicia faba. Plant Pathology, 2000, 49, 389-395.	1.2	57
67	Colonisation of field pea roots by arbuscular mycorrhizal fungi reduces <i>Orobanche</i> and <i>Phelipanche</i> species seed germination. Weed Research, 2010, 50, 262-268.	0.8	57
68	Characterization of Lr46, a Gene Conferring Partial Resistance to Wheat Leaf Rust. Hereditas, 2004, 135, 111-114.	0.5	56
69	Identification and characterization of sources of resistance to Erysiphe pisi Syd. in Pisum spp.. Plant Breeding, 2007, 126, 113-119.	1.0	56
70	Proteomics: a promising approach to study biotic interaction in legumes. A review. Euphytica, 2006, 147, 37-47.	0.6	55
71	Host plant resistance against broomrapes (<i>Orobanche</i> spp.): defence reactions and mechanisms of resistance. Annals of Applied Biology, 2008, 152, 131-141.	1.3	55
72	Genetic Diversity and Population Structure Among Oat Cultivars and Landraces. Plant Molecular Biology Reporter, 2013, 31, 1305-1314.	1.0	55

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73	Mechanism and molecular markers associated with rust resistance in a chickpea interspecific cross (Cicer arietinum Ã— Cicer reticulatum). European Journal of Plant Pathology, 2008, 121, 43-53.	0.8	54
74	Mapping of quantitative trait loci controlling partial resistance against rust incited by Uromyces pisi (Pers.) Wint. in a Pisum fulvum L. intraspecific cross. Euphytica, 2010, 175, 151-159.	0.6	54
75	Locating quantitative trait loci associated with Orobanche crenata resistance in pea. Weed Research, 2004, 44, 323-328.	0.8	53
76	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
77	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
78	Resistance against barley leaf rust (Puccinia hordei) in West-European spring barley germplasm. Agronomy for Sustainable Development, 2000, 20, 769-782.	0.8	53
79	<i>Medicago truncatula</i> as a Model for Nonhost Resistance in Legume-Parasitic Plant Interactions. Plant Physiology, 2007, 145, 437-449.	2.3	52
80	Peagol and peagoldione, two new strigolactone-like metabolites isolated from pea root exudates. Tetrahedron Letters, 2009, 50, 6955-6958.	0.7	52
81	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
82	Adaptation of spring faba bean types across European climates. Field Crops Research, 2013, 145, 1-9.	2.3	52
83	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
84	Characterization of mechanisms of resistance against Didymella pinodes in Pisum spp.. European Journal of Plant Pathology, 2013, 135, 761-769.	0.8	51
85	Didymella pinodes and its management in field pea: Challenges and opportunities. Field Crops Research, 2013, 148, 61-77.	2.3	51
86	Quantitative Trait Loci Associated to Drought Adaptation in Pea (Pisum sativum L.). Plant Molecular Biology Reporter, 2015, 33, 1768-1778.	1.0	51
87	Resistance to broomrape (<i>Orobanche crenata</i>) in faba bean (<i>Vicia faba</i>): cell wall changes associated with prehaustorial defensive mechanisms. Annals of Applied Biology, 2007, 151, 89-98.	1.3	50
88	Control of Orobanche crenata in legumes intercropped with fenugreek (Trigonella foenum-graecum). Crop Protection, 2008, 27, 653-659.	1.0	50
89	Identification and multi-environment validation of resistance to Botrytis fabae in Vicia faba. Field Crops Research, 2009, 114, 84-90.	2.3	50
90	Identification of common genomic regions controlling resistance to Mycosphaerella pinodes, earliness and architectural traits in different pea genetic backgrounds. Euphytica, 2011, 182, 43-52.	0.6	50

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91	Avoidance of rust infection by some genotypes ofHordeum chilensedue to their relative inability to induce the formation of appressoria. Physiological and Molecular Plant Pathology, 1996, 49, 89-101.	1.3	49
92	Infection Structures of Host-Specialized Isolates of Uromyces viciae-fabae and of Other Species of Uromyces Infecting Leguminous Crops. Plant Disease, 2005, 89, 17-22.	0.7	49
93	Trigoxazonane, a monosubstituted trioxazonane from Trigonella foenum-graecum root exudate, inhibits Orobanche crenata seed germination. Phytochemistry, 2007, 68, 2487-2492.	1.4	49
94	Polyphenols, Including the New Peapolyphenols Aâˆ’C, from Pea Root Exudates Stimulate Orobanche foetida Seed Germination. Journal of Agricultural and Food Chemistry, 2010, 58, 2902-2907.	2.4	49
95	Faba bean adaptation to autumn sowing under European climates. Agronomy for Sustainable Development, 2012, 32, 727-734.	2.2	49
96	Intercropping reduces Mycosphaerella pinodes severity and delays upward progress on the pea plant. Crop Protection, 2010, 29, 744-750.	1.0	48
97	Inter-cropping with berseem clover (Trifolium alexandrinum) reduces infection by Orobanche crenata in legumes. Crop Protection, 2010, 29, 867-871.	1.0	48
98	Future Prospects for Ascochyta Blight Resistance Breeding in Cool Season Food Legumes. Frontiers in Plant Science, 2012, 3, 27.	1.7	48
99	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
100	Infection of chickpea (Cicer arietinum) by crenate broomrape (Orobanche crenata) as influenced by sowing date and weather conditions. Agronomy for Sustainable Development, 2003, 23, 359-362.	0.8	48
101	Identification of sources of resistance to crenate broomrape (<i>Orobanche crenata</i>) in Spanish lentil (<i>Lens culinaris</i>) germplasm. Weed Research, 2008, 48, 85-94.	0.8	47
102	Understanding pea resistance mechanisms in response to Fusarium oxysporum through proteomic analysis. Phytochemistry, 2015, 115, 44-58.	1.4	47
103	Variation Among and Within Populations of the Parasitic Weed Orobanche crenata from Spain and Israel Revealed by Inter Simple Sequence Repeat Markers. Phytopathology, 2002, 92, 1262-1266.	1.1	46
104	Characterization of wheat DArT markers: genetic and functional features. Molecular Genetics and Genomics, 2012, 287, 741-753.	1.0	46
105	Genetic Relationships among Orobanche Species as Revealed by RAPD Analysis. Annals of Botany, 2003, 91, 637-642.	1.4	45
106	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
107	Two-Dimensional Electrophoresis Based Proteomic Analysis of the Pea (<i>Pisum sativum</i>) in Response to<i>Mycosphaerella pinodes</i>. Journal of Agricultural and Food Chemistry, 2010, 58, 12822-12832.	2.4	44
108	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

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109	Identification and multi-environment validation of resistance against broomrapes (Orobanche) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.3	44
110	Adaptation of oat (Avena sativa) cultivars to autumn sowings in Mediterranean environments. Field Crops Research, 2014, 156, 111-122.	2.3	44
111	Sources of Resistance to Crenate Broomrape Among Species of Vicia. Plant Disease, 2005, 89, 23-27.	0.7	43
112	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
113	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
114	Lathyrus sativus transcriptome resistance response to Ascochyta lathyri investigated by deepSuperSAGE analysis. Frontiers in Plant Science, 2015, 6, 178.	1.7	43
115	Tritordeum: Triticaleâ€™s New Brother Cereal. Developments in Plant Breeding, 1996, , 57-72.	0.2	43
116	Genetic diversity in Orobanche crenata populations from southern Spain. Theoretical and Applied Genetics, 2001, 103, 1108-1114.	1.8	42
117	Characterization of resistance response of pea (<i>Pisum</i> spp.) against rust (<i>Uromyces pisi</i>). Plant Breeding, 2009, 128, 665-670.	1.0	42
118	Genetic analysis of durable resistance against leaf rust in durum wheat. Molecular Breeding, 2009, 24, 25-39.	1.0	41
119	Soyasapogenol B and <i>trans</i>â€22â€dehydrocamâ€pesterol from common vetch (<i>Vicia sativa</i> L.) root exudates stimulate broomrape seed germination. Pest Management Science, 2011, 67, 1015-1022.	1.7	41
120	Genome-wide identification and comparison of legume MLO gene family. Scientific Reports, 2016, 6, 32673.	1.6	41
121	Variation in resistance to Orobanche crenata in species of Cicer. Weed Research, 2004, 44, 27-32.	0.8	40
122	Resistance to broomrape in wild lentils (<i>Lens</i> spp.). Plant Breeding, 2009, 128, 266-270.	1.0	40
123	Benzothiadiazole and BABA improve resistance to Uromyces pisi (Pers.) Wint. in Pisum sativum L. with an enhancement of enzymatic activities and total phenolic content. European Journal of Plant Pathology, 2010, 128, 483-493.	0.8	40
124	Agronomic, breeding, and biotechnological approaches to parasitic plant management through manipulation of germination stimulant levels in agricultural soils. Botany, 2011, 89, 813-826.	0.5	40
125	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
126	Identification of resistance to Uromyces pisi (Pers.) Wint. in Pisum spp. germplasm. Field Crops Research, 2009, 114, 198-203.	2.3	39

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127	Chemical control of faba bean rust (Uromyces viciae-fabae). Crop Protection, 2011, 30, 907-912.	1.0	39
128	Effects of crop mixtures on chocolate spot development on faba bean grown in mediterranean climates. Crop Protection, 2011, 30, 1015-1023.	1.0	39
129	QTLs for Orobanche spp. resistance in faba bean: identification and validation across different environments. Molecular Breeding, 2013, 32, 909-922.	1.0	39
130	Field response of Lathyrus cicera germplasm to crenate broomrape (Orobanche crenata). Field Crops Research, 2009, 113, 321-327.	2.3	38
131	Hordeum chilense resistance to powdery mildew and its potential use in cereal breeding. Euphytica, 1993, 67, 215-220.	0.6	37
132	Effect of sowing date and host resistance on the establishment and development of Orobanche crenata in faba bean and common vetch. Weed Research, 2004, 44, 282-288.	0.8	37
133	Crenate broomrape control in pea by foliar application of benzothiadiazole (BTH). Phytoparasitica, 2004, 32, 21-29.	0.6	37
134	Identification of QTLs for powdery mildew and scald resistance in barley. Euphytica, 2006, 151, 421-429.	0.6	37
135	Identification by suppression subtractive hybridization and expression analysis of Medicago truncatula putative defence genes in response to Orobanche crenata parasitization. Physiological and Molecular Plant Pathology, 2007, 70, 49-59.	1.3	37
136	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
137	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
138	Genetic analysis of root morphological traits in wheat. Molecular Genetics and Genomics, 2015, 290, 785-806.	1.0	37
139	Resistance to broomrape species (Orobanche spp.) in common vetch (Vicia sativa L.). Crop Protection, 2009, 28, 7-12.	1.0	36
140	First Report of Orobanche foetida on Common Vetch (Vicia sativa) in Morocco. Plant Disease, 2005, 89, 528-528.	0.7	36
141	Characterization of resistance to powdery mildew (Erysiphe pisi) in a germplasm collection of Lathyrus sativus. Plant Breeding, 2006, 125, 308-310.	1.0	35
142	Host differentiation in Orobanche foetida Poir. Flora: Morphology, Distribution, Functional Ecology of Plants, 2007, 202, 201-208.	0.6	35
143	The resistance to leaf rust and powdery mildew of recombinant lines of barley (Hordeum vulgare L.) derived from H.ï¿½vulgareï¿½×H.ï¿½bulbosum crosses. Plant Breeding, 2007, 126, 259-267.	1.0	35
144	Variability of interactions between barrel medic (<i>Medicago truncatula</i>) genotypes and <i>Orobanche </i>species. Annals of Applied Biology, 2008, 153, 117-126.	1.3	35

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145	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
146	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
147	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
148	Genetic diversity of Moroccan populations of <i>Orobanche foetida</i>: evolving from parasitising wild hosts to crop plants. Weed Research, 2008, 48, 179-186.	0.8	34
149	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
150	Prehaustorial Resistance against Alfalfa Rust (Uromyces striatus) in Medicago truncatula. European Journal of Plant Pathology, 2004, 110, 239-243.	0.8	33
151	Constitutive Coumarin Accumulation on Sunflower Leaf Surface Prevents Rust Germ Tube Growth and Appressorium Differentiation. Crop Science, 2007, 47, 1119-1124.	0.8	33
152	Fenugreek root exudates show speciesâ€specific stimulation of <i>Orobanche</i> seed germination. Weed Research, 2008, 48, 163-168.	0.8	33
153	Stimulation of Seed Germination of Orobanche Species by Ophiobolin A and Fusicoccin Derivatives. Journal of Agricultural and Food Chemistry, 2008, 56, 8343-8347.	2.4	33
154	Differential response of pea (Pisum sativum) to rusts incited by Uromyces viciae-fabae and U. pisi. Crop Protection, 2009, 28, 980-986.	1.0	33
155	Identification and characterization of partial resistance to rust in a germplasm collection of <i>Lathyrus sativus</i> L.. Plant Breeding, 2009, 128, 495-500.	1.0	33
156	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
157	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
158	A fertile amphiploid between diploid wheat (<i>Triticum tauschii</i>) and crested wheatgrass (<i>Agropyron cristatum</i>). Genome, 1999, 42, 519-524.	0.9	32
159	Morphology and AFLP markers suggest three <i>Hordeum chilense</i> ecotypes that differ in avoidance to rust fungi. Canadian Journal of Botany, 2001, 79, 204-213.	1.2	32
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