Thomas Miedaner

List of Publications by Year
in descending order

179 papers	6,568 citations	66315 42 h-index	91828 69 g-index
179 all docs	179 docs citations	179 times ranked	4083 citing authors

#	Article	IF	Citations
1	Maternal differences for the reaction to ergot in unfertilized hybrid rye (Secale cereale). European Journal of Plant Pathology, 2022, 163, 181-191.	0.8	1
2	Effective Pollen-Fertility Restoration Is the Basis of Hybrid Rye Production and Ergot Mitigation. Plants, 2022, 11, 1115.	1.6	7
3	Dwarfing gene Rht24 does not affect Fusarium head blight resistance in a large European winter wheat diversity panel. Euphytica, 2022, 218, 1.	0.6	16
4	Quantitative-Genetic Evaluation of Resistances to Five Fungal Diseases in A Large Triticale Diversity Panel (Ã—Triticosecale). Crops, 2022, 2, 218-232.	0.6	4
5	Intercontinental trials reveal stable QTL for Northern corn leaf blight resistance in Europe and in Brazil. Theoretical and Applied Genetics, 2021, 134, 63-79.	1.8	13
6	Snow mold of winter cereals: a complex disease and a challenge for resistance breeding. Theoretical and Applied Genetics, 2021, 134, 419-433.	1.8	17
7	Exploiting genetic diversity in two European maize landraces for improving Gibberella ear rot resistance using genomic tools. Theoretical and Applied Genetics, 2021, 134, 793-805.	1.8	18
8	Early prediction of biomass in hybrid rye based on hyperspectral data surpasses genomic predictability in less-related breeding material. Theoretical and Applied Genetics, 2021, 134, 1409-1422.	1.8	15
9	Global warming and increasing maize cultivation demand comprehensive efforts in disease and insect resistance breeding in northâ€western Europe. Plant Pathology, 2021, 70, 1032-1046.	1.2	40
10	Mapping and validating stem rust resistance genes directly in self-incompatible genetic resources of winter rye. Theoretical and Applied Genetics, 2021, 134, 1989-2003.	1.8	4
11	Breeding progress of disease resistance and impact of disease severity under natural infections in winter wheat variety trials. Theoretical and Applied Genetics, 2021, 134, 1281-1302.	1.8	19
12	Climate change will influence disease resistance breeding in wheat in Northwestern Europe. Theoretical and Applied Genetics, 2021, 134, 1771-1785.	1.8	70
13	Aggressiveness of Fusarium culmorum isolates for head blight symptoms is highly stable across four cereal crops. Journal of Phytopathology, 2021, 169, 387-392.	0.5	3
14	Variance Components and Correlations between Doubled Haploid Lines from Two European Flint Landraces and Their Corresponding Testcrosses for Gibberella Ear Rot Resistance, Silking Time, and Plant Height in Maize. Agronomy, 2021, 11, 1039.	1.3	3
15	Perennial Rye: Genetics of Perenniality and Limited Fertility. Plants, 2021, 10, 1210.	1.6	5
16	Ergot Alkaloid Contents in Hybrid Rye are Reduced by Breeding. Agriculture (Switzerland), 2021, 11, 526.	1.4	9
17	Multiâ€parental QTL mapping of resistance to white spot of maize (Zea mays) in southern Brazil and relationship to QTLs of other foliar diseases. Plant Breeding, 2021, 140, 801.	1.0	7
18	Genome-wide association study for deoxynivalenol production and aggressiveness in wheat and rye head blight by resequencing 92 isolates of Fusarium culmorum. BMC Genomics, 2021, 22, 630.	1.2	4

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19	Multi-parent QTL mapping reveals stable QTL conferring resistance to Gibberella ear rot in maize. Euphytica, 2021, 217, 1.	0.6	15
20	Hybrid Rye Breeding. Compendium of Plant Genomes, 2021, , 13-41.	0.3	5
21	Hyperspectral Reflectance Data and Agronomic Traits Can Predict Biomass Yield in Winter Rye Hybrids. Bioenergy Research, 2020, 13, 168-182.	2.2	10
22	Molecular tracking of multiple disease resistance in a winter wheat diversity panel. Theoretical and Applied Genetics, 2020, 133, 419-431.	1.8	17
23	Genomeâ€wide association mapping and genomic prediction of Fusarium head blight resistance, heading stage and plant height in winter rye (Secale cereale). Plant Breeding, 2020, 139, 508-520.	1.0	20
24	Integration of genotypic, hyperspectral, and phenotypic data to improve biomass yield prediction in hybrid rye. Theoretical and Applied Genetics, 2020, 133, 3001-3015.	1.8	34
25	Genetic Architecture of Cereal Leaf Beetle Resistance in Wheat. Plants, 2020, 9, 1117.	1.6	4
26	Genomics-Assisted Breeding for Quantitative Disease Resistances in Small-Grain Cereals and Maize. International Journal of Molecular Sciences, 2020, 21, 9717.	1.8	28
27	Covariation of Ergot Severity and Alkaloid Content Measured by HPLC and One ELISA Method in Inoculated Winter Rye across Three Isolates and Three European Countries. Toxins, 2020, 12, 676.	1.5	21
28	Mapping Stem Rust (Puccinia graminis f. sp. secalis) Resistance in Self-Fertile Winter Rye Populations. Frontiers in Plant Science, 2020, 11, 667.	1.7	8
29	Comparison of rye, triticale, durum wheat and bread wheat genotypes for Fusarium head blight resistance and deoxynivalenol contamination. Plant Breeding, 2020, 139, 251-262.	1.0	17
30	Be flexible and adapt easilyâ€”The great role of plasticity relative to genetic variation for aggressiveness of Fusarium culmorum isolates. Journal of Phytopathology, 2020, 168, 162-174.	0.5	3
31	Genomic predictions for Fusarium head blight resistance in a diverse durum wheat panel: an effective incorporation of plant height and heading date as covariates. Euphytica, 2020, 216, 1.	0.6	24
32	Ergot infection in winter rye hybrids shows differential contribution of male and female genotypes and environment. Euphytica, 2020, 216, 1.	0.6	13
33	Genomics-assisted breeding for ear rot resistances and reduced mycotoxin contamination in maize: methods, advances and prospects. Theoretical and Applied Genetics, 2019, 132, 2721-2739.	1.8	45
34	Early Detection of Zymoseptoria tritici in Winter Wheat by Infrared Thermography. Agriculture (Switzerland), 2019, 9, 139.	1.4	20
35	Copy number variation of Ppd-B1 is the major determinant of heading time in durum wheat. BMC Genetics, 2019, 20, 64.	2.7	30
36	Genomics-Based Hybrid Rye Breeding. , 2019, , 329-348.		8

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37	An experimental approach for estimating the genomic selection advantage for Fusarium head blight and Septoria tritici blotch in winter wheat. Theoretical and Applied Genetics, 2019, 132, 2425-2437.	1.8	28
38	Editorial: Genetics Became to be Genomics. , 2019, , xvii-xxii.		0
39	Genetic architecture of yellow and stem rust resistance in a durum wheat diversity panel. Euphytica, 2019, 215, 1.	0.6	17
40	Use of nonâ€adapted quantitative trait loci for increasing Fusarium head blight resistance for breeding semiâ€dwarf wheat. Plant Breeding, 2019, 138, 140-147.	1.0	25
41	Accuracy of within- and among-family genomic prediction for Fusarium head blight and Septoria tritici blotch in winter wheat. Theoretical and Applied Genetics, 2019, 132, 1121-1135.	1.8	50
42	Genome-wide association study for an efficient selection of Fusarium head blight resistance in winter triticale. Euphytica, 2019, 215, 1.	0.6	16
43	Hybrid Breeding in Rye (Secale cereale L.). , 2019, , 343-372.		23
44	Selection strategies in hybrid rye with special consideration of fungal disease resistances. Burleigh Dodds Series in Agricultural Science, 2019, , 223-246.	0.1	4
45	Rht24 reduces height in the winter wheat population â€˜SolitÃrÂÃ—ÂBussardâ€™ without adverse effects on Fusarium head blight infection. Theoretical and Applied Genetics, 2018, 131, 1263-1272.	1.8	26
46	Dynamic quantitative trait loci (QTL) for plant height predict biomass yield in hybrid rye (Secale) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	2.9	28
47	A multiple disease test for field-based phenotyping of resistances to Fusarium head blight, yellow rust and stem rust in wheat. European Journal of Plant Pathology, 2018, 151, 451-461.	0.8	7
48	Genomic prediction and GWAS of Gibberella ear rot resistance traits in dent and flint lines of a public maize breeding program. Euphytica, 2018, 214, 1.	0.6	32
49	Candidate Genes for Aggressiveness in a Natural Fusarium culmorum Population Greatly Differ between Wheat and Rye Head Blight. Journal of Fungi (Basel, Switzerland), 2018, 4, 14.	1.5	14
50	Genes for wheat stem rust resistance postulated in German cultivars and their efficacy in seedling and adultâ€plant field tests. Plant Breeding, 2018, 137, 301-312.	1.0	15
51	Correlated effects of exotic pollenâ€fertility restorer genes on agronomic and quality traits of hybrid rye. Plant Breeding, 2017, 136, 224-229.	1.0	16
52	QTL mapping and comparative genome analysis of agronomic traits including grain yield in winter rye. Theoretical and Applied Genetics, 2017, 130, 1801-1817.	1.8	31
53	Fine mapping of the restorer gene Rfp3 from an Iranian primitive rye (Secale cereale L.). Theoretical and Applied Genetics, 2017, 130, 1179-1189.	1.8	23
54	The potential of genomicâ€assisted breeding to improve Fusarium head blight resistance in winter durum wheat. Plant Breeding, 2017, 136, 610-619.	1.0	24

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55	Candidate gene based association mapping in Fusarium culmorum for field quantitative pathogenicity and mycotoxin production in wheat. BMC Genetics, 2017, 18, 49.	2.7	14
56	High accuracy of predicting hybrid performance of Fusarium head blight resistance by mid-parent values in wheat. Theoretical and Applied Genetics, 2017, 130, 461-470.	1.8	24
57	Low validation rate of quantitative trait loci for Gibberella ear rot resistance in European maize. Theoretical and Applied Genetics, 2017, 130, 175-186.	1.8	20
58	Genetics of Resistance and Pathogenicity in the Maize/Setosphaeria turcica Pathosystem and Implications for Breeding. Frontiers in Plant Science, 2017, 8, 1490.	1.7	69
59	Editorial: Management of Fusarium Species and their Mycotoxins in Cereal Food and Feed. Frontiers in Microbiology, 2017, 8, 1543.	1.5	23
60	Heiliges Feuer, Abtreibung und Psycho-Droge. , 2017, , 53-76.		0
61	A European Database of Fusarium graminearum and F. culmorum Trichothecene Genotypes. Frontiers in Microbiology, 2016, 7, 406.	1.5	124
62	Geography and end use drive the diversification of worldwide winter rye populations. Molecular Ecology, 2016, 25, 500-514.	2.0	17
63	Genome-Wide Association Study Identifies Novel Candidate Genes for Aggressiveness, Deoxynivalenol Production, and Azole Sensitivity in Natural Field Populations of Fusarium graminearum. Molecular Plant-Microbe Interactions, 2016, 29, 417-430.	1.4	89
64	Breeding Strategies for Improving Plant Resistance to Diseases. , 2016, , 561-599.		17
65	Amino acid digestibility of different rye genotypes in caecectomised laying hens. Archives of Animal Nutrition, 2016, 70, 470-487.	0.9	14
66	Correlation between Fusarium head blight severity and DON content in triticale as revealed by phenotypic and molecular data. Plant Breeding, 2016, 135, 31-37.	1.0	20
67	Analyzing Genetic Diversity for Virulence and Resistance Phenotypes in Populations of Stem Rust (Puccinia graminis f. sp. secalis) and Winter Rye (Secale cereale). Phytopathology, 2016, 106, 1335-1343.	1.1	10
68	Multiple-trait- and selection indices-genomic predictions for grain yield and protein content in rye for feeding purposes. Theoretical and Applied Genetics, 2016, 129, 273-287.	1.8	86
69	Prediction of hybrid performance for Fusarium head blight resistance in triticale (Ã—Triticosecale) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	16
70	Choice of models for QTL mapping with multiple families and design of the training set for prediction of Fusarium resistance traits in maize. Theoretical and Applied Genetics, 2016, 129, 431-444.	1.8	30
71	Prediction of deoxynivalenol and zearalenone concentrations in Fusarium graminearum inoculated backcross populations of maize by symptom rating andÂnearâ€infrared spectroscopy. Plant Breeding, 2015, 134, 529-534.	1.0	15
72	Detection of donor effects in a rye introgression population with genomeâ€wide prediction. Plant Breeding, 2015, 134, 406-415.	1.0	7

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73	Toward a Selection of Broadly Adapted Germplasm for Yield Stability of Hybrid Rye under Normal and Managed Drought Stress Conditions. Crop Science, 2015, 55, 1026-1034.	0.8	11
74	Genetic architecture is more complex for resistance to Septoria tritici blotch than to Fusarium head blight in Central European winter wheat. BMC Genomics, 2015, 16, 430.	1.2	34
75	First insights into the genotypeâ€“phenotype map of phenotypic stability in rye. Journal of Experimental Botany, 2015, 66, 3275-3284.	2.4	25
76	Genetic Architecture of Fusarium Head Blight Resistance in Four Winter Triticale Populations. Phytopathology, 2015, 105, 334-341.	1.1	28
77	Biology, Genetics, and Management of Ergot (Claviceps spp.) in Rye, Sorghum, and Pearl Millet. Toxins, 2015, 7, 659-678.	1.5	111
78	Genome-wide prediction methods for detecting genetic effects of donor chromosome segments in introgression populations. BMC Genomics, 2014, 15, 782.	1.2	3
79	Genetic variation for resistance to Fusarium head blight in winter durum material. Crop and Pasture Science, 2014, 65, 46.	0.7	26
80	Association between line per se and testcross performance for eight agronomic and quality traits in winter rye. Theoretical and Applied Genetics, 2014, 127, 33-41.	1.8	23
81	Relatedness severely impacts accuracy of marker-assisted selection for disease resistance in hybrid wheat. Heredity, 2014, 112, 552-561.	1.2	67
82	Analysis of Covariation of Grain Yield and Dry Matter Yield for Breeding Dual Use Hybrid Rye. Bioenergy Research, 2014, 7, 424-429.	2.2	12
83	Effect of a rye dwarfing gene on plant height, heading stage, and Fusarium head blight in triticale (Ã—Triticosecale Wittmack). Theoretical and Applied Genetics, 2014, 127, 1527-1536.	1.8	33
84	Combined inoculation of wheat pathogens <scp>Z</scp>ymoseptoria tritici and <scp>F</scp>usarium culmorum as a tool for increasing selection intensity in resistance breeding. Plant Breeding, 2014, 133, 543-547.	1.0	8
85	The accuracy of prediction of genomic selection in elite hybrid rye populations surpasses the accuracy of marker-assisted selection and is equally augmented by multiple field evaluation locations and test years. BMC Genomics, 2014, 15, 556.	1.2	68
86	Genotypic correlations and QTL correspondence between line per se and testcross performance in sugar beet (Beta vulgaris L.) for the three agronomic traits beet yield, potassium content, and sodium content. Molecular Breeding, 2014, 34, 205-215.	1.0	5
87	8 Biology, Diversity, and Management of FHB-Causing Fusarium Species in Small-Grain Cereals. , 2013, , 199-241.		34
88	Head-blighting populations of Fusarium culmorum from Germany, Russia, and Syria analyzed by microsatellite markers show a recombining structure. European Journal of Plant Pathology, 2013, 137, 743-752.	0.8	15
89	Genetic architecture of resistance to Septoria tritici blotch in European wheat. BMC Genomics, 2013, 14, 858.	1.2	62
90	Identification of quantitative trait loci in rye introgression lines carrying multiple donor chromosome segments. Theoretical and Applied Genetics, 2013, 126, 49-58.	1.8	12

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91	Hybrid rye performance under natural drought stress in Europe. Theoretical and Applied Genetics, 2013, 126, 475-482.	1.8	35
92	Virulence phenotypes in powdery mildew (Blumeria graminis) populations and resistance genes in triticale (x Triticosecale). European Journal of Plant Pathology, 2013, 137, 463-476.	0.8	26
93	Comparative Quantitative Trait Loci Mapping for Gibberella Ear Rot Resistance and Reduced Deoxynivalenol Contamination across Connected Maize Populations. Crop Science, 2012, 52, 32-43.	0.8	27
94	Within-Field Variation of Fusarium graminearum Isolates for Aggressiveness and Deoxynivalenol Production in Wheat Head Blight. Phytopathology, 2012, 102, 128-134.	1.1	25
95	Association of single nucleotide polymorphic sites in candidate genes with aggressiveness and deoxynivalenol production in Fusarium graminearum causing wheat head blight. BMC Genetics, 2012, 13, 14.	2.7	22
96	Marker-Assisted Selection for Disease Resistance in Wheat and Barley Breeding. Phytopathology, 2012, 102, 560-566.	1.1	223
97	Genetic architecture of complex agronomic traits examined in two testcross populations of rye (Secale cereale L.). BMC Genomics, 2012, 13, 706.	1.2	66
98	Variation and covariation for Gibberella ear rot resistance and agronomic traits in testcrosses of doubled haploid maize lines. Euphytica, 2012, 185, 441-451.	0.6	7
99	Inheritance of resistance to Gibberella ear rot and deoxynivalenol contamination in five flint maize crosses. Plant Breeding, 2012, 131, 28-32.	1.0	18
100	Quantitative genetic parameters for selection of biomass yield in hybrid rye. Plant Breeding, 2012, 131, 100-103.	1.0	11
101	Diversity, spatial variation, and temporal dynamics of virulences in the German leaf rust (Puccinia) Tj ETQq1 1 0.784314 rgBT /Overloc	0.8	15
102	Broad-spectrum resistance loci for three quantitatively inherited diseases in two winter wheat populations. Molecular Breeding, 2012, 29, 731-742.	1.0	42
103	Stability of Adult-plant Resistance to Septoria tritici blotch in 24 European Winter Wheat Varieties Across Nine Field Environments. Journal of Phytopathology, 2011, 159, no-no.	0.5	11
104	Genetic architecture of plant height in winter rye introgression libraries. Plant Breeding, 2011, 130, 209-216.	1.0	28
105	Sources of resistance to Fusarium head blight within Syrian durum wheat landraces. Plant Breeding, 2011, 130, 398-400.	1.0	47
106	Impact of genotype, harvest time and chemical composition on the methane yield of winter rye for biogas production. Biomass and Bioenergy, 2011, 35, 4316-4323.	2.9	29
107	Quantitative Trait Loci for Adult-Plant Resistance to Mycosphaerella graminicola in Two Winter Wheat Populations. Phytopathology, 2011, 101, 1209-1216.	1.1	43
108	Diversity in genetic structure and chemotype composition of Fusarium graminearum sensu stricto populations causing wheat head blight in individual fields in Germany. European Journal of Plant Pathology, 2011, 131, 39-48.	0.8	57

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109	Association mapping for Fusarium head blight resistance in European soft winter wheat. Molecular Breeding, 2011, 28, 647-655.	1.0	70
110	Covariation between line and testcross performance for reduced mycotoxin concentrations in European maize after silk channel inoculation of two Fusarium species. Theoretical and Applied Genetics, 2011, 122, 925-934.	1.8	29
111	Mapping QTLs with main and epistatic effects underlying grain yield and heading time in soft winter wheat. Theoretical and Applied Genetics, 2011, 123, 283-292.	1.8	124
112	Detection of segregation distortion loci in triticale (x Triticosecale Wittmack) based on a high-density DArT marker consensus genetic linkage map. BMC Genomics, 2011, 12, 380.	1.2	113
113	Colocalization of QTL for Gibberella Ear Rot Resistance and Low Mycotoxin Contamination in Early European Maize. Crop Science, 2011, 51, 1935-1945.	0.8	44
114	Variation and Transgression of Aggressiveness Among Two Gibberella zeae Crosses Developed from Highly Aggressive Parental Isolates. Phytopathology, 2010, 100, 904-912.	1.1	24
115	Population parameters for resistance to Fusarium graminearum and Fusarium verticillioides ear rot among large sets of early, mid-late and late maturing European maize (Zea mays L.) inbred lines. Theoretical and Applied Genetics, 2010, 120, 1053-1062.	1.8	49
116	Aggressiveness and mycotoxin production of eight isolates each of Fusarium graminearum and Fusarium verticillioides for ear rot on susceptible and resistant early maize inbred lines. European Journal of Plant Pathology, 2010, 127, 113-123.	0.8	43
117	A comparison of aggressiveness and deoxynivalenol production between Canadian Fusarium graminearum isolates with 3-acetyl and 15-acetyldeoxynivalenol chemotypes in field-grown spring wheat. European Journal of Plant Pathology, 2010, 127, 407-417.	0.8	84
118	Mycotoxin accumulation and corresponding ear rot rating in three maturity groups of European maize inoculated by two Fusarium species. Euphytica, 2010, 174, 153-164.	0.6	34
119	Genetic variation for ergot (Claviceps purpurea) resistance and alkaloid concentrations in cytoplasmic-male sterile winter rye under pollen isolation. Euphytica, 2010, 173, 299-306.	0.6	20
120	Competitive Aggressiveness in Binary Mixtures of Fusarium graminearum and F.Âculmorum Isolates Inoculated on Spring Wheat with Highly Effective Resistance QTL. Journal of Phytopathology, 2010, 159, no-no.	0.5	7
121	Genetic variation of winter rye cultivars for their ergot (Claviceps purpurea) reaction tested in a field design with minimized interplot interference. Plant Breeding, 2010, 129, 58-62.	1.0	20
122	Correlation between per se and Testcross Performance in Rye (Secale cereale L.) Introgression Lines Estimated with a Bivariate Mixed Linear Model. Crop Science, 2010, 50, 1863-1873.	0.8	8
123	Genetic Variation in Testcrosses and Relationship between Line per se and Testcross Performance for Resistance to Gibberella Ear Rot in Maize. Crop Science, 2010, 50, 1691-1696.	0.8	12
124	Agronomic and Quality Performance of Winter Wheat Backcross Populations Carrying Nonâ€Adapted Fusarium Head Blight Resistance QTL. Crop Science, 2010, 50, 2283-2290.	0.8	43
125	Genetic Variation for Resistance to Ear Rots and Mycotoxins Contamination in Early European Maize Inbred Lines. Crop Science, 2009, 49, 2019-2028.	0.8	60
126	Revealing the genetic architecture of FHB resistance in hexaploid wheat (Triticum aestivum L.) by QTL meta-analysis. Molecular Breeding, 2009, 23, 473-488.	1.0	203

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127	Marker selection for Fusarium head blight resistance based on quantitative trait loci (QTL) from two European sources compared to phenotypic selection in winter wheat. Euphytica, 2009, 166, 219-227.	0.6	41
128	Comparative mapping of DNA sequences in rye (Secale cereale L.) in relation to the rice genome. Theoretical and Applied Genetics, 2009, 118, 371-384.	1.8	56
129	Testcross performance of rye introgression lines developed by marker-assisted backcrossing using an Iranian accession as donor. Theoretical and Applied Genetics, 2009, 118, 1225-1238.	1.8	42
130	Selection strategies for the development of rye introgression libraries. Theoretical and Applied Genetics, 2009, 119, 595-603.	1.8	12
131	Resistance to Ergot in Self-incompatible Germplasm Resources of Winter Rye. Journal of Phytopathology, 2009, 157, 350-355.	0.5	12
132	Rye introgression lines as source of alleles for pollenâ€fertility restoration in Pampa CMS. Plant Breeding, 2009, 128, 528-531.	1.0	14
133	Identification of genomic regions carrying QTL for agronomic and quality traits in rye (Secale) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	18
134	Developments in breeding cereals for organic agriculture. Euphytica, 2008, 163, 323.	0.6	285
135	Marker-based introduction of three quantitative-trait loci conferring resistance to Fusarium head blight into an independent elite winter wheat breeding population. Theoretical and Applied Genetics, 2008, 117, 29-35.	1.8	41
136	REML approach for adjusting the Fusarium head blight rating to a phenological date in inoculated selection experiments of wheat. Theoretical and Applied Genetics, 2008, 117, 65-73.	1.8	48
137	Establishment of introgression libraries in hybrid rye (Secale cereale L.) from an Iranian primitive accession as a new tool for rye breeding and genomics. Theoretical and Applied Genetics, 2008, 117, 641-652.	1.8	49
138	Inheritance of resistance to Fusarium head blight in three European winter wheat populations. Theoretical and Applied Genetics, 2008, 117, 1119-1128.	1.8	91
139	Genetic variation for resistance to ergot (Claviceps purpurea [Fr.] Tul.) among full-sib families of five populations of winter rye (Secale cereale L.). Theoretical and Applied Genetics, 2008, 118, 85-90.	1.8	22
140	Population Genetics of Three Important Head Blight Pathogens Fusarium graminearum, F. pseudograminearum and F.Âculmorum. Journal of Phytopathology, 2008, 156, 129-139.	0.5	108
141	Molecular mapping of quantitative trait loci for field resistance to Fusarium head blight in a European winter wheat population. Plant Breeding, 2008, 127, 459-464.	1.0	33
142	A model calculation approach towards the optimization of a standard scheme of seedâ€parent line development in hybrid rye breeding. Plant Breeding, 2008, 127, 433-440.	1.0	18
143	Phenotypic selection for high resistance to Fusarium head blight after introgression of quantitative trait loci (QTL) from exotic spring wheat and verification by simple sequence repeat markers a posteriori. Plant Breeding, 2008, 127, 217-221.	1.0	10
144	Effect of the Rhtâ€Đ1 dwarfing locus on Fusarium head blight rating in three segregating populations of winter wheat. Plant Breeding, 2008, 127, 333-339.	1.0	49

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145	Effect of Dwarfing Rht Genes on Fusarium Head Blight Resistance in Two Sets of Nearâ€Isogenic Lines of Wheat and Check Cultivars. Crop Science, 2008, 48, 2115-2122.	0.8	76
146	Genetic variation for resistance and mycotoxin content of European maize inoculated withFusarium graminearumandF. verticillioides. Cereal Research Communications, 2008, 36, 45-48.	0.8	6
147	Genotypic and environmental variation in grain protein components and their relations to beta-amylase and beta-glucanase activity in malting barley. Cereal Research Communications, 2008, 36, 125-134.	0.8	4
148	Effectiveness and environmental stability of quantitative powdery mildew (Blumeria graminis) resistance among winter wheat cultivars. Plant Breeding, 2007, 126, 553-558.	1.0	26
149	Comparison of phenotypic and marker-based selection for Fusarium head blight resistance and DON content in spring wheat. Molecular Breeding, 2007, 19, 357-370.	1.0	86
150	Selection for Fusarium head blight resistance in early generations reduces the deoxynivalenol (DON) content in grain of winter and spring wheat. Plant Breeding, 2006, 125, 96-98.	1.0	20
151	Significance of host complexity and diversity for race-specific leaf-rust resistance in self-fertile synthetic rye populations. Plant Breeding, 2006, 125, 225-230.	1.0	10
152	Involvement of trichothecenes in fusarioses of wheat, barley and maize evaluated by gene disruption of the trichodiene synthase (Tri5) gene in three field isolates of different chemotype and virulence. Molecular Plant Pathology, 2006, 7, 449-461.	2.0	266
153	Means and variances for Fusarium head blight resistance of F2-derived bulks from winter triticale and winter wheat crosses. Euphytica, 2006, 152, 405-411.	0.6	20
154	Stacking quantitative trait loci (QTL) for Fusarium head blight resistance from non-adapted sources in an European elite spring wheat background and assessing their effects on deoxynivalenol (DON) content and disease severity. Theoretical and Applied Genetics, 2006, 112, 562-569.	1.8	133
155	Combining ability of non-adapted sources for male-fertility restoration in Pampa CMS of hybrid rye*. Plant Breeding, 2005, 124, 39-43.	1.0	24
156	Molecular mapping of Fusarium head blight resistance in the winter wheat population Dream/Lynx. Theoretical and Applied Genetics, 2005, 111, 747-756.	1.8	137
157	Estimates of additive and dominance effects for Fusarium head blight resistance of winter triticale. Plant Breeding, 2004, 123, 525-530.	1.0	25
158	Genetic variation and covariation for aggressiveness, deoxynivalenol production and fungal colonization among progeny of Gibberella zeae in wheat. Plant Pathology, 2004, 53, 446-453.	1.2	26
159	Competition Effects Among Isolates of Fusarium culmorum Differing in Aggressiveness and Mycotoxin Production on Heads of Winter Rye. European Journal of Plant Pathology, 2004, 110, 63-70.	0.8	33
160	Segregation for aggressiveness and deoxynivalenol production of a population of Gibberella zeae causing head blight of wheat. European Journal of Plant Pathology, 2004, 110, 789-799.	0.8	33
161	Estimation of deoxynivalenol (DON) content by symptom rating and exoantigen content for resistance selection in wheat and triticale. Euphytica, 2004, 139, 123-132.	0.6	50
162	Genetic Mapping of Pathogenicity and Aggressiveness of Gibberella zeae (Fusarium graminearum) Toward Wheat. Phytopathology, 2004, 94, 520-526.	1.1	93

#	Article	IF	Citations
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177	Biometrical analysis of alternative plot types for selection in rye. Euphytica, 1991, 57, 141-150.	0.6	3
178	The Development of a Host-Pathogen System for Evaluating Fusarium Resistance in Early Growth Stages of Wheat. Journal of Phytopathology, 1988, 121, 150-158.	0.5	8
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