

List of Publications by Year in descending order

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573
papers

30,517
citations

4351

88
h-index

10969

139
g-index

614
all docs

614
docs citations

614
times ranked

23561
citing authors

#	ARTICLE	IF	CITATIONS
1	A marker weighting approach for enhancing within-family accuracy in genomic prediction. <i>G3: Genes, Genomes, Genetics</i> , 2024, 14, .	1.9	1
2	Bayesian discrete lognormal regression model for genomic prediction. <i>Theoretical and Applied Genetics</i> , 2024, 137, .	3.7	0
3	Investigating genomic prediction strategies for grain carotenoid traits in a tropical/subtropical maize panel. <i>G3: Genes, Genomes, Genetics</i> , 2024, 14, .	1.9	0
4	A Bayesian optimization R package for multitrait parental selection. <i>Plant Genome</i> , 2024, 17, .	3.2	1
5	Genomic prediction of synthetic hexaploid wheat upon tetraploid <i><i>durum</i></i> and diploid <i><i>Aegilops</i></i> parental pools. <i>Plant Genome</i> , 2024, 17, .	3.2	0
6	Okul Āncesi EĀyitim KurumlarĀnĀn Mobilya DonatĀ± ElemanlarĀ± AĀĀĀ±sĀ±ndan DeĀYerlendirilmesi: Isparta ĀĀli ĀrneĀyi. <i>BartĀn Orman FakĀltesi Dergisi</i> , 2024, 26, 284-297.	0.3	0
7	Comparing strategies for genomic predictions in interspecific biparental populations: a case study with the <i>Rubus</i> genus. <i>Euphytica</i> , 2024, 220, .	1.2	0
8	Thermodynamics-Informed Neural Networks for the Design of Solar Collectors: An Application on Water Heating in the Highland Areas of the Andes. <i>Energies</i> , 2024, 17, 4978.	3.2	0
9	A linear profit function for economic weights of linear phenotypic selection indices in plant breeding. <i>Crop Science</i> , 2023, 63, 635-647.	1.9	0
10	Envirome-wide associations enhance multi-year genome-based prediction of historical wheat breeding data. <i>G3: Genes, Genomes, Genetics</i> , 2023, 13, .	1.9	15
11	Modeling genotype Āenvironment interaction for single and multitrait genomic prediction in potato (<i><i>Solanum tuberosum</i></i> L.). <i>G3: Genes, Genomes, Genetics</i> , 2023, 13, .	1.9	5
12	Prediction of nearĀterm climate change impacts on <i><sc>UK</sc></i> wheat quality and the potential for adaptation through plant breeding. <i>Global Change Biology</i> , 2023, 29, 1296-1313.	9.7	7
13	Enviromic-based kernels may optimize resource allocation with multi-trait multi-environment genomic prediction for tropical Maize. <i>BMC Plant Biology</i> , 2023, 23, .	3.7	3
14	Results from rapid-cycle recurrent genomic selection in spring bread wheat. <i>G3: Genes, Genomes, Genetics</i> , 2023, 13, .	1.9	7
15	Increasing Fuel Loads, Fire Hazard, and Carbon Emissions from Fires in Central Siberia. <i>Fire</i> , 2023, 6, 63.	2.9	6
16	Sparse multiĀtrait genomic prediction under balanced incomplete block design. <i>Plant Genome</i> , 2023, 16, .	3.2	2
17	Multimodal deep learning methods enhance genomic prediction of wheat breeding. <i>G3: Genes, Genomes, Genetics</i> , 2023, 13, .	1.9	7
18	Optimizing Sparse Testing for Genomic Prediction of Plant Breeding Crops. <i>Genes</i> , 2023, 14, 927.	2.4	4

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19	Efficacy of plant breeding using genomic information. <i>Plant Genome</i> , 2023, 16, .	3.2	1
20	Statistical Machine-Learning Methods for Genomic Prediction Using the SKM Library. <i>Genes</i> , 2023, 14, 1003.	2.4	2
21	Generalized Linear Mixed Models for Repeated Measurements. , 2023, , 377-423.		1
22	Generalized Linear Mixed Models for Non-normal Responses. , 2023, , 113-127.		1
23	Objectives of Inference for Stochastic Models. , 2023, , 85-112.		0
24	Time of Occurrence of an Event of Interest. , 2023, , 279-319.		0
25	Generalized Linear Models. , 2023, , 43-84.		1
26	Generalized Linear Mixed Models for Categorical and Ordinal Responses. , 2023, , 321-376.		0
27	Elements of Generalized Linear Mixed Models. , 2023, , 1-42.		0
28	Generalized Linear Mixed Models for Proportions and Percentages. , 2023, , 209-278.		1
29	Generalized Linear Mixed Models for Counts. , 2023, , 129-208.		0
30	Realized genetic gains via recurrent selection in a tropical maize haploid inducer population and optimizing simultaneous selection for the next cycles. <i>Crop Science</i> , 2023, 63, 2865-2876.	1.9	3
31	Joint searches by FACT, H.E.S.S., MAGIC and VERITAS for VHE gamma-ray emission associated with neutrinos detected by IceCube. , 2023, , .		0
32	Analysis of the Impact of Interest Rate Derivatives on the Market Risk of Commercial Banks in China. <i>Advances in Economics, Management and Political Sciences</i> , 2023, 6, 420-424.	0.0	0
33	Genomic prediction of the performance of hybrids and the combining abilities for line by tester trials in maize. <i>Crop Journal</i> , 2022, 10, 109-116.	5.3	9
34	Genome-based prediction of agronomic traits in spring wheat under conventional and organic management systems. <i>Theoretical and Applied Genetics</i> , 2022, 135, 537-552.	3.7	10
35	Plant breeding increases spring wheat yield potential in Afghanistan. <i>Crop Science</i> , 2022, 62, 167-177.	1.9	3
36	Bayesian multitrait kernel methods improve multienvironment genome-based prediction. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.9	9

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37	Quantitative retrospective natural history modeling of <i>WDR45</i> -related developmental and epileptic encephalopathy â€” a systematic cross-sectional analysis of 160 published cases. <i>Autophagy</i> , 2022, 18, 1715-1727.	11.0	7
38	Linear Mixed Models. , 2022, , 141-170.		0
39	Overfitting, Model Tuning, and Evaluation of Prediction Performance. , 2022, , 109-139.		38
40	Artificial Neural Networks and Deep Learning for Genomic Prediction of Binary, Ordinal, and Mixed Outcomes. , 2022, , 477-532.		2
41	Fundamentals of Artificial Neural Networks and Deep Learning. , 2022, , 379-425.		41
42	Reproducing Kernel Hilbert Spaces Regression and Classification Methods. , 2022, , 251-336.		3
43	Functional Regression. , 2022, , 579-631.		0
44	Bayesian and Classical Prediction Models for Categorical and Count Data. , 2022, , 209-249.		3
45	General Elements of Genomic Selection and Statistical Learning. , 2022, , 1-34.		0
46	The statistical theory of linear selection indices from phenotypic to genomic selection. <i>Crop Science</i> , 2022, 62, 537-563.	1.9	11
47	Genome-Based Genotype Ã— Environment Prediction Enhances Potato (<i>Solanum tuberosum</i> L.) Improvement Using Pseudo-Diploid and Polysomic Tetraploid Modeling. <i>Frontiers in Plant Science</i> , 2022, 13, 785196.	3.8	21
48	Using an incomplete block design to allocate lines to environments improves sparse genome-based prediction in plant breeding. <i>Plant Genome</i> , 2022, 15, e20194.	3.2	5
49	Genomic Predictions for Common Bunt, FHB, Stripe Rust, Leaf Rust, and Leaf Spotting Resistance in Spring Wheat. <i>Genes</i> , 2022, 13, 565.	2.4	14
50	Sparse testing using genomic prediction improves selection for breeding targets in elite spring wheat. <i>Theoretical and Applied Genetics</i> , 2022, 135, 1939-1950.	3.7	12
51	Automated Machine Learning: A Case Study of Genomic â€œImage-Basedâ€ Prediction in Maize Hybrids. <i>Frontiers in Plant Science</i> , 2022, 13, 845524.	3.8	3
52	Accounting for Correlation Between Traits in Genomic Prediction. <i>Methods in Molecular Biology</i> , 2022, 2467, 285-327.	0.0	1
53	Incorporating Omics Data in Genomic Prediction. <i>Methods in Molecular Biology</i> , 2022, 2467, 341-357.	0.0	2
54	Overview of Genomic Prediction Methods and the Associated Assumptions on the Variance of Marker Effect, and on the Architecture of the Target Trait. <i>Methods in Molecular Biology</i> , 2022, 2467, 139-156.	0.0	3

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55	Genome and Environment-Based Prediction Models and Methods of Complex Traits Incorporating Genotype × Environment Interaction. <i>Methods in Molecular Biology</i> , 2022, 2467, 245-283.	0.0	19
56	Comparing gradient boosting machine and Bayesian threshold BLUP for genome-based prediction of categorical traits in wheat breeding. <i>Plant Genome</i> , 2022, 15, e20214.	3.2	5
57	Near-Infrared Spectroscopy to Predict Provitamin A Carotenoids Content in Maize. <i>Agronomy</i> , 2022, 12, 1027.	3.1	1
58	Defining Target Wheat Breeding Environments. , 2022, , 31-45.		2
59	Experimental Design for Plant Improvement. , 2022, , 215-235.		2
60	Theory and Practice of Phenotypic and Genomic Selection Indices. , 2022, , 593-616.		0
61	Effects of glutenins (Glu-1 and Glu-3) allelic variation on dough properties and bread-making quality of CIMMYT bread wheat breeding lines. <i>Field Crops Research</i> , 2022, 284, 108585.	5.2	22
62	Comparison of single-trait and multi-trait genomic predictions on agronomic and disease resistance traits in spring wheat. <i>Theoretical and Applied Genetics</i> , 2022, 135, 2747-2767.	3.7	4
63	Sparse kernel models provide optimization of training set design for genomic prediction in multiyear wheat breeding data. <i>Plant Genome</i> , 2022, 15, .	3.2	2
64	The use of apnea test and brain death determination in patients on extracorporeal membrane oxygenation: A systematic review. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 867-877.e1.	2.7	18
65	Genome-wide association study and genomic prediction of Fusarium ear rot resistance in tropical maize germplasm. <i>Crop Journal</i> , 2021, 9, 325-341.	5.3	37
66	Maximizing efficiency of genomic selection in CIMMYT's tropical maize breeding program. <i>Theoretical and Applied Genetics</i> , 2021, 134, 279-294.	3.7	41
67	Changes in the bacterial community structure in soil under conventional and conservation practices throughout a complete maize (<i>Zea mays</i> L.) crop cycle. <i>Applied Soil Ecology</i> , 2021, 157, 103733.	4.4	12
68	Nonlinear kernels, dominance, and envirotyping data increase the accuracy of genome-based prediction in multi-environment trials. <i>Heredity</i> , 2021, 126, 92-106.	2.7	98
69	Application of multi-trait Bayesian decision theory for parental genomic selection. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.9	4
70	Genetic dissection of <i>Striga hermonthica</i> (Del.) Benth. resistance via genome-wide association and genomic prediction in tropical maize germplasm. <i>Theoretical and Applied Genetics</i> , 2021, 134, 941-958.	3.7	21
71	Additive genetic variance and covariance between relatives in synthetic wheat crosses with variable parental ploidy levels. <i>Genetics</i> , 2021, 217, .	2.9	2
72	A review of deep learning applications for genomic selection. <i>BMC Genomics</i> , 2021, 22, 19.	2.9	145

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73	<i>EnvRtype</i> : a software to interplay enviromics and quantitative genomics in agriculture. G3: Genes, Genomes, Genetics, 2021, 11, .	1.9	66
74	Prediction of count phenotypes using high-resolution images and genomic data. G3: Genes, Genomes, Genetics, 2021, 11, jkab035.	1.9	8
75	A guide for kernel generalized regression methods for genomic-enabled prediction. Heredity, 2021, 126, 577-596.	2.7	15
76	The Modern Plant Breeding Triangle: Optimizing the Use of Genomics, Phenomics, and Enviromics Data. Frontiers in Plant Science, 2021, 12, 651480.	3.8	153
77	Female reproductive organs of Brassica napus are more sensitive than male to transient heat stress. Euphytica, 2021, 217, 1.	1.2	3
78	Target Population of Environments for Wheat Breeding in India: Definition, Prediction and Genetic Gains. Frontiers in Plant Science, 2021, 12, 638520.	3.8	34
79	Application of Genomic Selection at the Early Stage of Breeding Pipeline in Tropical Maize. Frontiers in Plant Science, 2021, 12, 685488.	3.8	28
80	lme4GS: An R-Package for Genomic Selection. Frontiers in Genetics, 2021, 12, 680569.	2.3	11
81	Analysis of differences in nutrients chemistry in seamount seawaters in the Kocebu and M4 seamounts in Western Pacific Ocean. Journal of Oceanology and Limnology, 2021, 39, 1662-1674.	1.2	11
82	Building the Embrapa rice breeding dataset for efficient data reuse. Crop Science, 2021, 61, 3445-3457.	1.9	9
83	Harnessing translational research in wheat for climate resilience. Journal of Experimental Botany, 2021, 72, 5134-5157.	4.9	34
84	Application of a Poisson deep neural network model for the prediction of count data in genome-based prediction. Plant Genome, 2021, 14, e20118.	3.2	11
85	Delayed Hypersensitivity Reactions Following First Dose of the SARS-CoV2 mRNA Vaccines. Journal of General Internal Medicine, 2021, 36, 3298-3300.	2.7	9
86	Deep learning power and perspectives for genomic selection. Plant Genome, 2021, 14, e20122.	3.2	13
87	Optimizing Genomic-Enabled Prediction in Small-Scale Maize Hybrid Breeding Programs: A Roadmap Review. Frontiers in Plant Science, 2021, 12, 658267.	3.8	21
88	Opportunities and Challenges of Predictive Approaches for Harnessing the Potential of Genetic Resources. Frontiers in Plant Science, 2021, 12, 674036.	3.8	6
89	Multi-trait genomic-enabled prediction enhances accuracy in multi-year wheat breeding trials. G3: Genes, Genomes, Genetics, 2021, 11, .	1.9	14
90	A statistical model for the dynamics of COVID-19 infections and their case detection ratio in 2020. Biometrical Journal, 2021, 63, 1623-1632.	1.3	16

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91	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2020 (J-SSCG) Tj ETQq1 1 0.784314 rgBT ₁₁₅ /Overfoc	2.9	115
92	Assessing combining abilities, genomic data, and genotypeÃ— environment interactions to predict hybrid grain sorghum performance. <i>Plant Genome</i> , 2021, 14, e20127.	3.2	15
93	Increased ranking change in wheat breeding under climate change. <i>Nature Plants</i> , 2021, 7, 1207-1212.	9.4	44
94	Drought and Heat Stress Impacts on Phenolic Acids Accumulation in Durum Wheat Cultivars. <i>Foods</i> , 2021, 10, 2142.	4.3	38
95	Genome-enabled prediction for sparse testing in multi-environment wheat trials. <i>Plant Genome</i> , 2021, 14, e20151.	3.2	17
96	Multi-generation genomic prediction of maize yield using parametric and non-parametric sparse selection indices. <i>Heredity</i> , 2021, 127, 423-432.	2.7	5
97	Rapid delivery systems for future food security. <i>Nature Biotechnology</i> , 2021, 39, 1179-1181.	20.8	18
98	3D-printing magnesium-polycaprolactone loaded with melatonin inhibits the development of osteosarcoma by regulating cell-in-cell structures. <i>Journal of Nanobiotechnology</i> , 2021, 19, 263.	9.3	18
99	Fast-forward breeding for a food-secure world. <i>Trends in Genetics</i> , 2021, 37, 1124-1136.	6.9	88
100	Distribution, phylogeny, and pathogenicity of <i>Xanthomonas albilineans</i> causing sugarcane leaf scald in Mexico. <i>Crop Protection</i> , 2021, 150, 105799.	2.3	5
101	A zero altered Poisson random forest model for genomic-enabled prediction. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.9	9
102	Impact of Thermal Treatment on the Surface of Na _{0.5} Bi _{0.5} TiO ₃ -Based Ceramics. <i>Crystals</i> , 2021, 11, 1266.	2.3	4
103	Enviromic Assembly Increases Accuracy and Reduces Costs of the Genomic Prediction for Yield Plasticity in Maize. <i>Frontiers in Plant Science</i> , 2021, 12, 717552.	3.8	29
104	Dry sowing reduced durum wheat performance under irrigated conservation agriculture. <i>Field Crops Research</i> , 2021, 274, 108310.	5.2	3
105	Strategic use of Iranian bread wheat landrace accessions for genetic improvement: Core set formulation and validation. <i>Plant Breeding</i> , 2021, 140, 87-99.	1.8	8
106	A Comparison of the Adoption of Genomic Selection Across Different Breeding Institutions. <i>Frontiers in Plant Science</i> , 2021, 12, 728567.	3.8	5
107	A chickpea genetic variation map based on the sequencing of 3,366 genomes. <i>Nature</i> , 2021, 599, 622-627.	36.2	122
108	Juvenile Heat Tolerance in Wheat for Attaining Higher Grain Yield by Shifting to Early Sowing in October in South Asia. <i>Genes</i> , 2021, 12, 1808.	2.4	9

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109	Response to Early Generation Genomic Selection for Yield in Wheat. <i>Frontiers in Plant Science</i> , 2021, 12, 718611.	3.8	13
110	A New Deep Learning Calibration Method Enhances Genome-Based Prediction of Continuous Crop Traits. <i>Frontiers in Genetics</i> , 2021, 12, 798840.	2.3	9
111	Repeated never events in plastic surgery: Can human factors help us understand why we fail?. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 184-199.	1.1	5
112	Durum wheat selection under zero tillage increases early vigor and is neutral to yield. <i>Field Crops Research</i> , 2020, 248, 107675.	5.2	10
113	On-farm performance and farmers' participatory assessment of new stress-tolerant maize hybrids in Eastern Africa. <i>Field Crops Research</i> , 2020, 246, 107693.	5.2	43
114	A data-driven simulation platform to predict cultivars' performances under uncertain weather conditions. <i>Nature Communications</i> , 2020, 11, 4876.	13.2	52
115	Approximate Genome-Based Kernel Models for Large Data Sets Including Main Effects and Interactions. <i>Frontiers in Genetics</i> , 2020, 11, 567757.	2.3	15
116	On the approximation of interaction effect models by Hadamard powers of the additive genomic relationship. <i>Theoretical Population Biology</i> , 2020, 132, 16-23.	1.0	20
117	Aerial high-throughput phenotyping enables indirect selection for grain yield at the early generation, seed-limited stages in breeding programs. <i>Crop Science</i> , 2020, 60, 3096-3114.	1.9	34
118	Genome-based prediction of Bayesian linear and non-linear regression models for ordinal data. <i>Plant Genome</i> , 2020, 13, e20021.	3.2	16
119	On Hadamard and Kronecker products in covariance structures for genotype \times environment interaction. <i>Plant Genome</i> , 2020, 13, e20033.	3.2	9
120	Genomic prediction across years in a maize doubled haploid breeding program to accelerate early-stage testcross testing. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2869-2879.	3.7	27
121	Quantitative genetic studies with applications in plant breeding in the omics era. <i>Crop Journal</i> , 2020, 8, 683-687.	5.3	3
122	Genome-based prediction of multiple wheat quality traits in multiple years. <i>Plant Genome</i> , 2020, 13, e20034.	3.2	26
123	Genome-based trait prediction in multi-environment breeding trials in groundnut. <i>Theoretical and Applied Genetics</i> , 2020, 133, 3101-3117.	3.7	31
124	A Multivariate Poisson Deep Learning Model for Genomic Prediction of Count Data. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 4177-4190.	1.9	26
125	Maximum <i>a posteriori</i> Threshold Genomic Prediction Model for Ordinal Traits. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 4083-4102.	1.9	4
126	Diversity analysis of 80,000 wheat accessions reveals consequences and opportunities of selection footprints. <i>Nature Communications</i> , 2020, 11, 4572.	13.2	144

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127	Genome-Wide Association Mapping and Genomic Prediction of Anther Extrusion in CIMMYT Hybrid Wheat Breeding Program via Modeling Pedigree, Genomic Relationship, and Interaction With the Environment. <i>Frontiers in Genetics</i> , 2020, 11, 586687.	2.3	10
128	FDA-Approved Drugs with Potent In Vitro Antiviral Activity against Severe Acute Respiratory Syndrome Coronavirus 2. <i>Pharmaceuticals</i> , 2020, 13, 443.	3.9	121
129	Regularized selection indices for breeding value prediction using hyper-spectral image data. <i>Scientific Reports</i> , 2020, 10, 8195.	3.4	36
130	Expectation and variance of the estimator of the maximized selection response of linear selection indices with normal distribution. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2743-2758.	3.7	8
131	Genomic Prediction with Genotype by Environment Interaction Analysis for Kernel Zinc Concentration in Tropical Maize Germplasm. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2629-2639.	1.9	22
132	Genomic Prediction Enhanced Sparse Testing for Multi-environment Trials. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2725-2739.	1.9	77
133	Genomic Prediction of Kernel Zinc Concentration in Multiple Maize Populations Using Genotyping-by-Sequencing and Repeat Amplification Sequencing Markers. <i>Frontiers in Plant Science</i> , 2020, 11, 534.	3.8	33
134	META-R: A software to analyze data from multi-environment plant breeding trials. <i>Crop Journal</i> , 2020, 8, 745-756.	5.3	189
135	Comparison of array- and sequencing-based markers for genome-wide association mapping and genomic prediction in spring wheat. <i>Crop Science</i> , 2020, 60, 211-225.	1.9	11
136	Stacking Tolerance to Drought and Resistance to a Parasitic Weed in Tropical Hybrid Maize for Enhancing Resilience to Stress Combinations. <i>Frontiers in Plant Science</i> , 2020, 11, 166.	3.8	17
137	Phenomic selection and prediction of maize grain yield from near-infrared reflectance spectroscopy of kernels. <i>The Plant Phenome Journal</i> , 2020, 3, e20002.	2.2	44
138	Grain yield genetic gains and changes in physiological related traits for CIMMYT's High Rainfall Wheat Screening Nursery tested across international environments. <i>Field Crops Research</i> , 2020, 249, 107742.	5.2	37
139	Improvement of reporter gene assay for highly sensitive dioxin detection using protoplasmic yeast with inactivation of CWP and PDR genes. <i>Environmental Science and Pollution Research</i> , 2020, 27, 9227-9235.	5.3	5
140	CGIAR modeling approaches for resource-constrained scenarios: I. Accelerating crop breeding for a changing climate. <i>Crop Science</i> , 2020, 60, 547-567.	1.9	49
141	Identification of CIMMYT spring bread wheat germplasm maintaining superior grain yield and quality under heat-stress. <i>Journal of Cereal Science</i> , 2020, 93, 102981.	3.7	30
142	Strategies for Effective Use of Genomic Information in Crop Breeding Programs Serving Africa and South Asia. <i>Frontiers in Plant Science</i> , 2020, 11, 353.	3.8	33
143	Combined Multistage Linear Genomic Selection Indices To Predict the Net Genetic Merit in Plant Breeding. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2087-2101.	1.9	5
144	Bayesian regularized quantile regression: A robust alternative for genome-based prediction of skewed data. <i>Crop Journal</i> , 2020, 8, 713-722.	5.3	7

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145	Estudio comparativo de técnicas de optimización multirespuesta en diseños experimentales. Ingeniería Investigativa Y Tecnología, 2020, 21, 1-12.	0.1	1
146	A singular value decomposition Bayesian multiple-trait and multiple-environment genomic model. Heredity, 2019, 122, 381-401.	2.7	8
147	Quinoline Derivatives Kill Mycobacterium tuberculosis by Activating Glutamate Kinase. Cell Chemical Biology, 2019, 26, 1187-1194.e5.	5.2	16
148	Deep Kernel and Deep Learning for Genome-Based Prediction of Single Traits in Multienvironment Breeding Trials. Frontiers in Genetics, 2019, 10, 1168.	2.3	79
149	Multi-Trait, Multi-Environment Genomic Prediction of Durum Wheat With Genomic Best Linear Unbiased Predictor and Deep Learning Methods. Frontiers in Plant Science, 2019, 10, 1311.	3.8	50
150	Factor analysis to investigate genotype and genotype×environment interaction effects on pro-vitamin A content and yield in maize synthetics. Euphytica, 2019, 215, 1.	1.2	14
151	isqg: A Binary Framework for in Silico Quantitative Genetics. G3: Genes, Genomes, Genetics, 2019, 9, 2425-2428.	1.9	1
152	Maize responsiveness to Azospirillum brasilense: Insights into genetic control, heterosis and genomic prediction. PLoS ONE, 2019, 14, e0217571.	2.5	20
153	Directional Charge Transport in Layered Two-Dimensional Triazine-Based Graphitic Carbon Nitride. Angewandte Chemie - International Edition, 2019, 58, 9394-9398.	14.8	65
154	Genetic architecture of maize chlorotic mottle virus and maize lethal necrosis through GWAS, linkage analysis and genomic prediction in tropical maize germplasm. Theoretical and Applied Genetics, 2019, 132, 2381-2399.	3.7	61
155	The Relative Efficiency of Two Multistage Linear Phenotypic Selection Indices to Predict the Net Genetic Merit. Crop Science, 2019, 59, 1037-1051.	1.9	7
156	Resequencing of 429 chickpea accessions from 45 countries provides insights into genome diversity, domestication and agronomic traits. Nature Genetics, 2019, 51, 857-864.	20.4	231
157	Effect of Missing Values on Variance Component Estimates in Multienvironment Trials. Crop Science, 2019, 59, 508-517.	1.9	14
158	An R Package for Bayesian Analysis of Multi-environment and Multi-trait Multi-environment Data for Genome-Based Prediction. G3: Genes, Genomes, Genetics, 2019, 9, 1355-1369.	1.9	40
159	Hyperspectral Reflectance-Derived Relationship Matrices for Genomic Prediction of Grain Yield in Wheat. G3: Genes, Genomes, Genetics, 2019, 9, 1231-1247.	1.9	106
160	New Deep Learning Genomic-Based Prediction Model for Multiple Traits with Binary, Ordinal, and Continuous Phenotypes. G3: Genes, Genomes, Genetics, 2019, 9, 1545-1556.	1.9	85
161	Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $\sqrt{s} = 13$ and 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.8	8
162	Modeling Genotype × Environment Interaction Using a Factor Analytic Model of On-Farm Wheat Trials in the Yaqui Valley of Mexico. Agronomy Journal, 2019, 111, 2647-2657.	1.9	9

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163	The oxidation state of sulfur in lunar apatite. <i>American Mineralogist</i> , 2019, 104, 307-312.	2.4	32
164	High-throughput phenotyping platforms enhance genomic selection for wheat grain yield across populations and cycles in early stage. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1705-1720.	3.7	72
165	A robust Bayesian genome-based median regression model. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1587-1606.	3.7	1
166	Joint Use of Genome, Pedigree, and Their Interaction with Environment for Predicting the Performance of Wheat Lines in New Environments. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2925-2934.	1.9	14
167	A Bayesian Genomic Multi-output Regressor Stacking Model for Predicting Multi-trait Multi-environment Plant Breeding Data. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3381-3393.	1.9	23
168	Using deep learning approaches to overcome limited dataset issues within semiconductor domain. , 2019, , .		1
169	Efficiency of a Constrained Linear Genomic Selection Index To Predict the Net Genetic Merit in Plants. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3981-3994.	1.9	9
170	Deep Kernel for Genomic and Near Infrared Predictions in Multi-environment Breeding Trials. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2913-2924.	1.9	68
171	Optimum and Decorrelated Constrained Multistage Linear Phenotypic Selection Indices Theory. <i>Crop Science</i> , 2019, 59, 2585-2600.	1.9	4
172	The impact of sample selection strategies on genetic diversity and representativeness in germplasm bank collections. <i>BMC Plant Biology</i> , 2019, 19, 520.	3.7	15
173	Empirical Comparison of Tropical Maize Hybrids Selected Through Genomic and Phenotypic Selections. <i>Frontiers in Plant Science</i> , 2019, 10, 1502.	3.8	58
174	Improving grain yield, stress resilience and quality of bread wheat using large-scale genomics. <i>Nature Genetics</i> , 2019, 51, 1530-1539.	20.4	233
175	Measurement of C P -Violating and Mixing-Induced Observables in B s I I^3 Decay. <i>Physical Review Letters</i> , 2019, 123, 081802.	8.0	11
176	Hybrid Wheat Prediction Using Genomic, Pedigree, and Environmental Covariables Interaction Models. <i>Plant Genome</i> , 2019, 12, 180051.	3.2	60
177	A Benchmarking Between Deep Learning, Support Vector Machine and Bayesian Threshold Best Linear Unbiased Prediction for Predicting Ordinal Traits in Plant Breeding. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 601-618.	1.9	103
178	Provitamin A Carotenoids in Grain Reduce Aflatoxin Contamination of Maize While Combating Vitamin A Deficiency. <i>Frontiers in Plant Science</i> , 2019, 10, 30.	3.8	29
179	Multivariate Bayesian Analysis of On-Farm Trials with Multiple-Trait and Multiple-Environment Data. <i>Agronomy Journal</i> , 2019, 111, 2658-2669.	1.9	17
180	Integrating genomic-enabled prediction and high-throughput phenotyping in breeding for climate-resilient bread wheat. <i>Theoretical and Applied Genetics</i> , 2019, 132, 177-194.	3.7	81

#	ARTICLE	IF	CITATIONS
181	Effects of storage culture media, temperature and duration on human adipose-derived stem cell viability for clinical use. <i>Molecular Medicine Reports</i> , 2019, 19, 2189-2201.	2.5	12
182	Abstract 647: Immunoprevention of triple negative breast cancer by a TOP2A multi-peptide vaccine. <i>Cancer Research</i> , 2019, , .	0.9	0
183	Serum matrix metalloproteinase-8, tissue inhibitor of metalloproteinase and myeloperoxidase in ischemic stroke. <i>Atherosclerosis</i> , 2018, 271, 9-14.	0.8	30
184	Genomic-Enabled Prediction Kernel Models with Random Intercepts for Multi-environment Trials. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1347-1365.	1.9	33
185	Discovery of Lineage-Specific Genome Change in Rice Through Analysis of Resequencing Data. <i>Genetics</i> , 2018, 209, 617-626.	2.9	4
186	A Bayesian Genomic Regression Model with Skew Normal Random Errors. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1771-1785.	1.9	6
187	Optimizing Reductive Degradation of PAHs Using Anhydrous Ethanol with Magnesium Catalyzed by Glacial Acetic Acid. <i>ACS Omega</i> , 2018, 3, 3554-3561.	3.6	4
188	Genome-wide association mapping for resistance to leaf rust, stripe rust and tan spot in wheat reveals potential candidate genes. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1405-1422.	3.7	106
189	Evaluation of the cognitive behavioral smoking reduction program "Smoke_less", a randomized controlled trial. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 269-277.	3.4	5
190	Translation and Cross-Cultural Adaptation with Preliminary Validation of GCOS-24 for Use in Spain. <i>Journal of Genetic Counseling</i> , 2018, 27, 732-743.	1.7	10
191	Milling, processing and end-use quality traits of CIMMYT spring bread wheat germplasm under drought and heat stress. <i>Field Crops Research</i> , 2018, 215, 104-112.	5.2	64
192	An R Package for Multitrait and Multienvironment Data with the Item-Based Collaborative Filtering Algorithm. <i>Plant Genome</i> , 2018, 11, 180013.	3.2	6
193	Role of Modelling in International Crop Research: Overview and Some Case Studies. <i>Agronomy</i> , 2018, 8, 291.	3.1	39
194	Prospects and Challenges of Applied Genomic Selection: A New Paradigm in Breeding for Grain Yield in Bread Wheat. <i>Plant Genome</i> , 2018, 11, 180017.	3.2	70
195	Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF-MS) proteomic profiling of cerebrospinal fluid in the diagnosis of enteroviral meningitis: a proof-of-principle study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 2331-2339.	3.1	7
196	Genetic Gains for Grain Yield in CIMMYT's Semi-Arid Wheat Yield Trials Grown in Suboptimal Environments. <i>Crop Science</i> , 2018, 58, 1890-1898.	1.9	74
197	Multi-environment Genomic Prediction of Plant Traits Using Deep Learners With Dense Architecture. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3813-3828.	1.9	123
198	Multi-trait, Multi-environment Deep Learning Modeling for Genomic-Enabled Prediction of Plant Traits. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3829-3840.	1.9	113

#	ARTICLE	IF	CITATIONS
199	SASHAYDIALL: A SAS Program for Hayman's Diallel Analysis. <i>Crop Science</i> , 2018, 58, 1605-1615.	1.9	13
200	Prediction of Multiple-Trait and Multiple-Environment Genomic Data Using Recommender Systems. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 131-147.	1.9	26
201	Harnessing genetic potential of wheat germplasm banks through impact-oriented-prebreeding for future food and nutritional security. <i>Scientific Reports</i> , 2018, 8, 12527.	3.4	117
202	When less can be better: How can we make genomic selection more cost-effective and accurate in barley?. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1873-1890.	3.7	49
203	Genomic-enabled Prediction Accuracies Increased by Modeling Genotype \times Environment Interaction in Durum Wheat. <i>Plant Genome</i> , 2018, 11, 170112.	3.2	35
204	Bayesian functional regression as an alternative statistical analysis of high-throughput phenotyping data of modern agriculture. <i>Plant Methods</i> , 2018, 14, 46.	4.5	12
205	Applications of Machine Learning Methods to Genomic Selection in Breeding Wheat for Rust Resistance. <i>Plant Genome</i> , 2018, 11, 170104.	3.2	102
206	BGGE: A New Package for Genomic-Enabled Prediction Incorporating Genotype \times Environment Interaction Models. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3039-3047.	1.9	50
207	A Bayesian Decision Theory Approach for Genomic Selection. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3019-3037.	1.9	5
208	Genomic-enabled prediction models using multi-environment trials to estimate the effect of genotype \times environment interaction on prediction accuracy in chickpea. <i>Scientific Reports</i> , 2018, 8, 11701.	3.4	63
209	Transcription factor DEC1 is required for maximal experimentally induced periodontal inflammation. <i>Journal of Periodontal Research</i> , 2018, 53, 883-893.	2.8	19
210	Consenso mexicano para el diagnÃ³stico y tratamiento de la dermatitis atÃ³pica en adolescentes y adultos. <i>Revista Alergia Mexico</i> , 2018, 65, s8-s88.	0.4	13
211	The Linear Phenotypic Selection Index Theory. , 2018, , 15-42.		3
212	Linear Genomic Selection Indices. , 2018, , 99-120.		1
213	Constrained Linear Phenotypic Selection Indices. , 2018, , 43-69.		1
214	Linear Phenotypic Eigen Selection Index Methods. , 2018, , 149-176.		1
215	Inverse sampling regression for pooled data. <i>Statistical Methods in Medical Research</i> , 2017, 26, 1093-1109.	1.6	1
216	Black Patients with Colorectal Cancer Have More Advanced Cancer Stage at Time of Diagnosis: A Community-Based Safety-Net Hospital Experience. <i>Journal of Community Health</i> , 2017, 42, 724-729.	3.9	14

#	ARTICLE	IF	CITATIONS
217	Use of Genomic Estimated Breeding Values Results in Rapid Genetic Gains for Drought Tolerance in Maize. <i>Plant Genome</i> , 2017, 10, plantgenome2016.07.0070.	3.2	75
218	Domains of quality of life affecting elderly patients with hand osteoarthritis: a qualitative study in the Asian perspective. <i>International Journal of Rheumatic Diseases</i> , 2017, 20, 1105-1119.	2.0	14
219	Genetic Yield Gains In CIMMYT's International Elite Spring Wheat Yield Trials By Modeling The Genotype \times Environment Interaction. <i>Crop Science</i> , 2017, 57, 789-801.	1.9	91
220	Genomic and pedigree-based prediction for leaf, stem, and stripe rust resistance in wheat. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1415-1430.	3.7	103
221	Genomic models with genotype \times environment interaction for predicting hybrid performance: an application in maize hybrids. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1431-1440.	3.7	49
222	Immigrants' utilization of specialist mental healthcare according to age, country of origin, and migration history: a nation-wide register study in Norway. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2017, 52, 679-687.	3.4	64
223	Bayesian Nonparametric Ordination for the Analysis of Microbial Communities. <i>Journal of the American Statistical Association</i> , 2017, 112, 1430-1442.	3.5	31
224	A Variational Bayes Genomic-Enabled Prediction Model with Genotype \times Environment Interaction. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1833-1853.	1.9	8
225	Genomic-Enabled Prediction in Maize Using Kernel Models with Genotype \times Environment Interaction. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1995-2014.	1.9	98
226	Genetic improvement of grain quality traits for CIMMYT semi-dwarf spring bread wheat varieties developed during 1965–2015: 50 years of breeding. <i>Field Crops Research</i> , 2017, 210, 192-196.	5.2	49
227	Rapid Cycling Genomic Selection in a Multiparental Tropical Maize Population. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2315-2326.	1.9	92
228	Variability in iron, zinc and phytic acid content in a worldwide collection of commercial durum wheat cultivars and the effect of reduced irrigation on these traits. <i>Food Chemistry</i> , 2017, 237, 499-505.	8.4	104
229	Grain quality traits of commercial durum wheat varieties and their relationships with drought stress and glutenins composition. <i>Journal of Cereal Science</i> , 2017, 75, 1-9.	3.7	64
230	Genomic Selection for Increased Yield in Synthetic-Derived Wheat. <i>Crop Science</i> , 2017, 57, 713-725.	1.9	17
231	Gains in Maize Genetic Improvement in Eastern and Southern Africa: I. CIMMYT Hybrid Breeding Pipeline. <i>Crop Science</i> , 2017, 57, 168-179.	1.9	100
232	Genomic Selection in Plant Breeding: Methods, Models, and Perspectives. <i>Trends in Plant Science</i> , 2017, 22, 961-975.	9.1	1,094
233	A Bayesian Poisson-lognormal Model for Count Data for Multiple-Trait Multiple-Environment Genomic-Enabled Prediction. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1595-1606.	1.9	18
234	Research on the Mechanism of Aggregation-Induced Emission through Supramolecular Metal-Organic Frameworks with Mechanoluminescent Properties and Application in Press-Jet Printing. <i>Inorganic Chemistry</i> , 2017, 56, 12881-12892.	4.2	44

#	ARTICLE	IF	CITATIONS
235	Applications of Genomic Selection in Breeding Wheat for Rust Resistance. <i>Methods in Molecular Biology</i> , 2017, 1659, 173-182.	0.0	8
236	Genomic Prediction in a Large African Maize Population. <i>Crop Science</i> , 2017, 57, 2361-2371.	1.9	28
237	Single-Step Genomic and Pedigree Genotype \times Environment Interaction Models for Predicting Wheat Lines in International Environments. <i>Plant Genome</i> , 2017, 10, plantgenome2016.09.0089.	3.2	68
238	Bayesian Genomic-Enabled Prediction Models for Ordinal and Count Data. , 2017, , 55-97.		4
239	Genomic Prediction with Pedigree and Genotype \times Environment Interaction in Spring Wheat Grown in South and West Asia, North Africa, and Mexico. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 481-495.	1.9	56
240	Predicting grain yield using canopy hyperspectral reflectance in wheat breeding data. <i>Plant Methods</i> , 2017, 13, 4.	4.5	110
241	Hydrothermal synthesis for high-quality glutathione-capped Cd _x Zn _{1-x} Se and Cd _x Zn _{1-x} Se/ZnS alloyed quantum dots and its application in Hg(II) sensing. <i>3.0 Luminescence</i> , 2017, 32, 231-239.		2
242	Privacy preserving two-server Diffie-Hellman key exchange protocol. , 2017, , .		1
243	Genetic Gains in Yield and Yield Related Traits under Drought Stress and Favorable Environments in a Maize Population Improved Using Marker Assisted Recurrent Selection. <i>Frontiers in Plant Science</i> , 2017, 8, 808.	3.8	46
244	Genetic Gains in Grain Yield of a Maize Population Improved through Marker Assisted Recurrent Selection under Stress and Non-stress Conditions in West Africa. <i>Frontiers in Plant Science</i> , 2017, 8, 841.	3.8	34
245	Effect of Trait Heritability, Training Population Size and Marker Density on Genomic Prediction Accuracy Estimation in 22 bi-parental Tropical Maize Populations. <i>Frontiers in Plant Science</i> , 2017, 8, 1916.	3.8	151
246	Obesity Increases Mitogen-Activated Protein Kinase Phosphatase-3 Levels in the Hypothalamus of Mice. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 313.	3.8	11
247	Increasing Genomic-Enabled Prediction Accuracy by Modeling Genotype \times Environment Interactions in Kansas Wheat. <i>Plant Genome</i> , 2017, 10, plantgenome2016.12.0130.	3.2	119
248	Comparison of Models and Whole-Genome Profiling Approaches for Genomic-Enabled Prediction of Septoria Tritici Blotch, Stagonospora Nodorum Blotch, and Tan Spot Resistance in Wheat. <i>Plant Genome</i> , 2017, 10, plantgenome2016.08.0082.	3.2	50
249	Multitrait, Random Regression, or Simple Repeatability Model in High-Throughput Phenotyping Data Improve Genomic Prediction for Wheat Grain Yield. <i>Plant Genome</i> , 2017, 10, plantgenome2016.11.0111.	3.2	146
250	Genomic Bayesian functional regression models with interactions for predicting wheat grain yield using hyper-spectral image data. <i>Plant Methods</i> , 2017, 13, 62.	4.5	42
251	Use of Hyperspectral Image Data Outperforms Vegetation Indices in Prediction of Maize Yield. <i>Crop Science</i> , 2017, 57, 2517-2524.	1.9	71
252	Bayesian Genomic Prediction with Genotype \times Environment Interaction Kernel Models. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 41-53.	1.9	129

#	ARTICLE	IF	CITATIONS
253	Gains in Maize Genetic Improvement in Eastern and Southern Africa: II. CIMMYT Open-Pollinated Variety Breeding Pipeline. <i>Crop Science</i> , 2017, 57, 180-191.	1.9	66
254	Pedigree-Based Prediction Models with Genotype × Environment Interaction in Multienvironment Trials of CIMMYT Wheat. <i>Crop Science</i> , 2017, 57, 1865-1880.	1.9	19
255	Grain Yield and Stability of White Early Maize Hybrids in the Highland Valleys of Mexico. <i>Crop Science</i> , 2017, 57, 3002-3015.	1.9	10
256	Genomic Prediction using Phenotypes from Pedigreed Lines with No Marker Data. <i>Crop Science</i> , 2016, 56, 957-964.	1.9	18
257	Stability Analysis of Yield and Grain Quality Traits for the Nixtamalization Process of Maize Genotypes Cultivated in the Central High Valleys of Mexico. <i>Crop Science</i> , 2016, 56, 3090-3099.	1.9	18
258	A Predetermined Proportional Gains Eigen Selection Index Method. <i>Crop Science</i> , 2016, 56, 2436-2447.	1.9	17
259	Statistical Sampling Properties of the Coefficients of Three Phenotypic Selection Indices. <i>Crop Science</i> , 2016, 56, 51-58.	1.9	5
260	Extending the Marker × Environment Interaction Model for Genomic-Enabled Prediction and Genome-Wide Association Analysis in Durum Wheat. <i>Crop Science</i> , 2016, 56, 2193-2209.	1.9	103
261	Genomic Prediction of Genotype × Environment Interaction Kernel Regression Models. <i>Plant Genome</i> , 2016, 9, plantgenome2016.03.0024.	3.2	123
262	Evaluation of Grain Yield and Quality Traits of Bread Wheat Genotypes Cultivated in Northwest Turkey. <i>Crop Science</i> , 2016, 56, 73-84.	1.9	28
263	Genome-Enabled Prediction Models for Yield Related Traits in Chickpea. <i>Frontiers in Plant Science</i> , 2016, 7, 1666.	3.8	132
264	Canopy Temperature and Vegetation Indices from High-Throughput Phenotyping Improve Accuracy of Pedigree and Genomic Selection for Grain Yield in Wheat. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2799-2808.	1.9	354
265	Improving Maize Grain Yield under Drought Stress and Non-stress Environments in Sub-Saharan Africa using Marker-Assisted Recurrent Selection. <i>Crop Science</i> , 2016, 56, 344-353.	1.9	76
266	Genomic prediction models for grain yield of spring bread wheat in diverse agro-ecological zones. <i>Scientific Reports</i> , 2016, 6, 27312.	3.4	62
267	Genomic prediction for grain zinc and iron concentrations in spring wheat. <i>Theoretical and Applied Genetics</i> , 2016, 129, 1595-1605.	3.7	98
268	Predicting wheat maturity and stay-green parameters by modeling spectral reflectance measurements and their contribution to grain yield under rainfed conditions. <i>Field Crops Research</i> , 2016, 196, 191-198.	5.2	25
269	Comparative performance of top-cross maize hybrids under managed drought stress and variable rainfed environments. <i>Euphytica</i> , 2016, 212, 455-472.	1.2	8
270	Rank two affine submanifolds in $\hat{a}_{\infty}(2,2)$ and $\hat{a}_{\infty}(3,1)$. <i>Geometry and Topology</i> , 2016, 20, 2837-2904.	1.1	10

#	ARTICLE	IF	CITATIONS
271	X-ray studies of neutron stars and their magnetic fields. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2016, 92, 135-155.	3.7	11
272	Wheat quality improvement at CIMMYT and the use of genomic selection on it. Applied & Translational Genomics, 2016, 11, 3-8.	2.2	80
273	A Genomic Bayesian Multi-trait and Multi-environment Model. G3: Genes, Genomes, Genetics, 2016, 6, 2725-2744.	1.9	119
274	Genomic Prediction of Gene Bank Wheat Landraces. G3: Genes, Genomes, Genetics, 2016, 6, 1819-1834.	1.9	167
275	A regression model for pooled data in a two-stage survey under informative sampling with application for detecting and estimating the presence of transgenic corn. Seed Science Research, 2016, 26, 182-197.	1.7	1
276	Unlocking the genetic diversity of Creole wheats. Scientific Reports, 2016, 6, 23092.	3.4	77
277	Genomic Bayesian Prediction Model for Count Data with Genotype \times Environment Interaction. G3: Genes, Genomes, Genetics, 2016, 6, 1165-1177.	1.9	27
278	Performance and grain yield stability of maize populations developed using marker-assisted recurrent selection and pedigree selection procedures. Euphytica, 2016, 208, 285-297.	1.2	18
279	Genome-enabled prediction using probabilistic neural network classifiers. BMC Genomics, 2016, 17, 208.	2.9	54
280	Unredressed Grievances under RTE: Navigating the State Labyrinth. Governance, 2016, 29, 31-45.	2.0	9
281	Sources of the highly expressed wheat bread making (wbm) gene in CIMMYT spring wheat germplasm and its effect on processing and bread-making quality. Euphytica, 2016, 209, 689-692.	1.2	26
282	Molecular Marker-Based Selection Tools in Spring Bread Wheat Improvement: CIMMYT Experience and Prospects. Sustainable Development and Biodiversity, 2016, , 421-474.	0.0	25
283	Use of rapid tests to predict quality traits of CIMMYT bread wheat genotypes grown under different environments. LWT - Food Science and Technology, 2016, 69, 327-333.	5.3	36
284	Response to drought and heat stress on wheat quality, with special emphasis on bread-making quality, in durum wheat. Field Crops Research, 2016, 186, 157-165.	5.2	113
285	Energy saving electrochromic windows from bistable low-HOMO level conjugated polymers. Energy and Environmental Science, 2016, 9, 117-122.	32.2	141
286	Breeding schemes for the implementation of genomic selection in wheat (Triticum spp .). Plant Science, 2016, 242, 23-36.	3.8	312
287	Daylength, Temperature and Solar Radiation Effects on the Phenology and Yield Formation of Spring Durum Wheat. Journal of Agronomy and Crop Science, 2016, 202, 203-216.	3.6	40
288	Association mapping for resistance to tan spot induced by Pyrenophora tritici-repentis race 1 in CIMMYTs historical bread wheat set. Euphytica, 2016, 207, 515-525.	1.2	37

#	ARTICLE	IF	CITATIONS
289	Ploidy Distribution of the Harmful Bloom Forming Macroalgae <i>Ulva</i> spp. in Narragansett Bay, Rhode Island, USA, Using Flow Cytometry Methods. <i>PLoS ONE</i> , 2016, 11, e0149182.	2.5	17
290	Elevational Variation in Soil Amino Acid and Inorganic Nitrogen Concentrations in Taibai Mountain, China. <i>PLoS ONE</i> , 2016, 11, e0157979.	2.5	19
291	Comparison of Reef Fish Survey Data Gathered by Open and Closed Circuit SCUBA Divers Reveals Differences in Areas With Higher Fishing Pressure. <i>PLoS ONE</i> , 2016, 11, e0167724.	2.5	33
292	Chronic hepatitis B in pregnant women: is hepatitis B surface antigen quantification useful for viral load prediction?. <i>International Journal of Infectious Diseases</i> , 2015, 41, 83-89.	3.3	29
293	Analysis and Interpretation of Interactions in Agricultural Research. <i>Agronomy Journal</i> , 2015, 107, 748-762.	1.9	21
294	Genetic Gains in Grain Yield Through Genomic Selection in Eight Biparental Maize Populations under Drought Stress. <i>Crop Science</i> , 2015, 55, 154-163.	1.9	262
295	Genome-Wide Association Study for Adaptation to Agronomic Plant Density: A Component of High Yield Potential in Spring Wheat. <i>Crop Science</i> , 2015, 55, 2609-2619.	1.9	60
296	The role of emotions in strategizing. , 2015, , 632-646.		6
297	Evaluation and Interpretation of Interactions. <i>Agronomy Journal</i> , 2015, 107, 736-747.	1.9	24
298	A Pedigree-Based Reaction Norm Model for Prediction of Cotton Yield in Multienvironment Trials. <i>Crop Science</i> , 2015, 55, 1143-1151.	1.9	60
299	Evaluating Testing Strategies for Plant Breeding Field Trials: Redesigning a CIMMYT International Wheat Nursery. <i>Crop Science</i> , 2015, 55, 164-177.	1.9	24
300	A Genomic Selection Index Applied to Simulated and Real Data. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2155-2164.	1.9	43
301	Genomic-Enabled Prediction of Ordinal Data with Bayesian Logistic Ordinal Regression. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2113-2126.	1.9	23
302	Selection of the Bandwidth Parameter in a Bayesian Kernel Regression Model for Genomic-Enabled Prediction. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2015, 20, 512-532.	1.5	39
303	Optimal sample sizes for group testing in two-stage sampling. <i>Seed Science Research</i> , 2015, 25, 12-28.	1.7	1
304	Threshold Models for Genome-Enabled Prediction of Ordinal Categorical Traits in Plant Breeding. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 291-300.	1.9	47
305	Genomic prediction in biparental tropical maize populations in water-stressed and well-watered environments using low-density and GBS SNPs. <i>Heredity</i> , 2015, 114, 291-299.	2.7	193
306	Host-Guest Behavior of a Heavy-Atom Heterocycle $\text{Re}_4(\text{CO})_{16}(\frac{1}{4}\text{-SbPh}_2)_2(\frac{1}{4}\text{-H})_2$ Obtained from a Palladium-Assisted Ring Opening Dimerization of $\text{Re}_2(\text{CO})_8(\frac{1}{4}\text{-SbPh}_2)(\frac{1}{4}\text{-H})$. <i>Inorganic Chemistry</i> , 2015, 54, 3536-3544.	4.2	6

#	ARTICLE	IF	CITATIONS
307	Pattern-induced expectation bias in visual anticipation of action outcomes. <i>Acta Psychologica</i> , 2015, 161, 45-53.	1.5	57
308	Genomic Prediction Models for Count Data. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2015, 20, 533-554.	1.5	18
309	Development and characterization of the 4th CSISA-spot blotch nursery of bread wheat. <i>European Journal of Plant Pathology</i> , 2015, 143, 595-605.	1.7	41
310	Increased Prediction Accuracy in Wheat Breeding Trials Using a Marker \times Environment Interaction Genomic Selection Model. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 569-582.	1.9	279
311	Use of PCR Signal and Therapeutic Drug Monitoring in a Switch Cohort Study to Tenofovir/Emtricitabine/Rilpivirine: A W96 Follow-Up. <i>PLoS ONE</i> , 2015, 10, e0134430.	2.5	4
312	MODELACIÓN DE LA INTERACCIÓN GENOTIPO X AMBIENTE EN RENDIMIENTO DE HÍBRIDOS DE MAÍZ BLANCO EN AMBIENTES MÚLTIPLES. <i>Revista Fitotecnia Mexicana</i> , 2015, 38, 337.	0.1	8
313	Effects of S_{1} Recurrent Selection for Provitamin A Carotenoid Content for Three Open-Pollinated Maize Cultivars. <i>Crop Science</i> , 2014, 54, 2449-2460.	1.9	35
314	Evaluation of Genomic Selection Training Population Designs and Genotyping Strategies in Plant Breeding Programs Using Simulation. <i>Crop Science</i> , 2014, 54, 1476-1488.	1.9	175
315	Association Mapping Reveals Novel Stem Rust Resistance Loci in Durum Wheat at the Seedling Stage. <i>Plant Genome</i> , 2014, 7, plantgenome2013.08.0026.	3.2	67
316	Genomic-enabled prediction with classification algorithms. <i>Heredity</i> , 2014, 112, 616-626.	2.7	55
317	Genomic prediction in CIMMYT maize and wheat breeding programs. <i>Heredity</i> , 2014, 112, 48-60.	2.7	371
318	Schmerzen unter der Gürtellinie – Urologische Notfälle beim Mann. <i>Retten!</i> , 2014, 3, 120-127.	0.1	0
319	Analysis of Compounded Pharmaceutical Products to Teach the Importance of Quality in an Applied Pharmaceutics Laboratory Course. <i>American Journal of Pharmaceutical Education</i> , 2014, 78, 61.	2.3	12
320	THE MOVING STATUE. <i>Yale Review</i> , 2014, 102, 9-10.	0.0	0
321	An epigenomic roadmap to induced pluripotency reveals DNA methylation as a reprogramming modulator. <i>Nature Communications</i> , 2014, 5, 5619.	13.2	109
322	Bayesian Genomic-Enabled Prediction as an Inverse Problem. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1991-2001.	1.9	7
323	A reaction norm model for genomic selection using high-dimensional genomic and environmental data. <i>Theoretical and Applied Genetics</i> , 2014, 127, 595-607.	3.7	467
324	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.8	25

#	ARTICLE	IF	CITATIONS
325	Durum wheat (<i>Triticum durum</i> Desf.) Mediterranean landraces as sources of variability for allelic combinations at <i>Glu-1/Glu-3</i> loci affecting gluten strength and pasta cooking quality. <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 1219-1236.	1.6	34
326	Molecular mapping across three populations reveals a QTL hotspot region on chromosome 3 for secondary traits associated with drought tolerance in tropical maize. <i>Molecular Breeding</i> , 2014, 34, 701-715.	2.1	68
327	Dynamics of dikes versus cone sheets in volcanic systems. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 6178-6192.	3.4	82
328	Relationships between physiological traits, grain number and yield potential in a wheat DH population of large spike phenotype. <i>Field Crops Research</i> , 2014, 164, 126-135.	5.2	28
329	Variability in glutenin subunit composition of Mediterranean durum wheat germplasm and its relationship with gluten strength. <i>Journal of Agricultural Science</i> , 2014, 152, 379-393.	1.5	47
330	Rindsel: An R Package for Phenotypic and Molecular Selection Indices Used in Plant Breeding. <i>Methods in Molecular Biology</i> , 2014, 1145, 87-96.	0.0	5
331	Earliness in wheat: A key to adaptation under terminal and continual high temperature stress in South Asia. <i>Field Crops Research</i> , 2013, 151, 19-26.	5.2	144
332	QTL mapping in three tropical maize populations reveals a set of constitutive and adaptive genomic regions for drought tolerance. <i>Theoretical and Applied Genetics</i> , 2013, 126, 583-600.	3.7	110
333	Historical changes in grain yield and quality of spring wheat varieties cultivated in Siberia from 1900 to 2010. <i>Canadian Journal of Plant Science</i> , 2013, 93, 425-433.	1.0	38
334	An assessment of wheat yield sensitivity and breeding gains in hot environments. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122190.	2.8	99
335	The use of unbalanced historical data for genomic selection in an international wheat breeding program. <i>Field Crops Research</i> , 2013, 154, 12-22.	5.2	103
336	Searching for novel sources of field resistance to Ug99 and Ethiopian stem rust races in durum wheat via association mapping. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1237-1256.	3.7	117
337	High-Throughput and Precision Phenotyping for Cereal Breeding Programs. , 2013, , 341-374.		20
338	Genome-Enabled Prediction Using the BLR (Bayesian Linear Regression) R-Package. <i>Methods in Molecular Biology</i> , 2013, 1019, 299-320.	0.0	52
339	Technical Note: An R package for fitting Bayesian regularized neural networks with applications in animal breeding1. <i>Journal of Animal Science</i> , 2013, 91, 3522-3531.	0.5	45
340	Sample size for detecting transgenic plants using inverse binomial group testing with dilution effect. <i>Seed Science Research</i> , 2013, 23, 279-288.	1.7	4
341	Genomic Prediction in Maize Breeding Populations with Genotyping-by-Sequencing. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1903-1926.	1.9	244
342	Identification of Drought, Heat, and Combined Drought and Heat Tolerant Donors in Maize. <i>Crop Science</i> , 2013, 53, 1335-1346.	1.9	250

#	ARTICLE	IF	CITATIONS
343	META: A Suite of SAS Programs to Analyze Multienvironment Breeding Trials. <i>Agronomy Journal</i> , 2013, 105, 11-19.	1.9	94
344	IBFIELDBOOK, AN INTEGRATED BREEDING FIELD BOOK FOR PLANT BREEDING. <i>Revista Fitotecnia Mexicana</i> , 2013, 36, 201.	0.1	2
345	A Comparison of Tests for QTL Mapping with Introgression Libraries Containing Overlapping and Nonoverlapping Donor Segments. <i>Crop Science</i> , 2012, 52, 2198-2205.	1.9	2
346	Variance Effective Population Size for Dioecious Species. <i>Crop Science</i> , 2012, 52, 79-90.	1.9	10
347	Genetic Yield Gains and Changes in Associated Traits of CIMMYT Spring Bread Wheat in a "Historic" Set Representing 30 Years of Breeding. <i>Crop Science</i> , 2012, 52, 1123-1131.	1.9	175
348	Genetic Gains for Grain Yield in CIMMYT Spring Bread Wheat across International Environments. <i>Crop Science</i> , 2012, 52, 1522-1533.	1.9	80
349	Comparison Between Linear and Non-parametric Regression Models for Genome-Enabled Prediction in Wheat. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 1595-1605.	1.9	197
350	Prediction of genetic values of quantitative traits with epistatic effects in plant breeding populations. <i>Heredity</i> , 2012, 109, 313-319.	2.7	59
351	1.4 Screening Experimental Designs for Quantitative Trait Loci, Association Mapping, Genotype-by-Environment Interaction, and Other Investigations. <i>Frontiers in Physiology</i> , 2012, 3, 156.	2.8	42
352	Effectiveness of Genomic Prediction of Maize Hybrid Performance in Different Breeding Populations and Environments. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 1427-1436.	1.9	246
353	Factors Affecting the Accuracy of Genotype Imputation in Populations from Several Maize Breeding Programs. <i>Crop Science</i> , 2012, 52, 654-663.	1.9	119
354	Multi-Trait and Multi-Environment QTL Analyses for Resistance to Wheat Diseases. <i>PLoS ONE</i> , 2012, 7, e38008.	2.5	37
355	Genomic Selection in Wheat Breeding using Genotyping-by-sequencing. <i>Plant Genome</i> , 2012, 5, .	3.2	571
356	Genomic Prediction of Genetic Values for Resistance to Wheat Rusts. <i>Plant Genome</i> , 2012, 5, .	3.2	97
357	Genome-enabled prediction of genetic values using radial basis function neural networks. <i>Theoretical and Applied Genetics</i> , 2012, 125, 759-771.	3.7	188
358	Performance of biofortified spring wheat genotypes in target environments for grain zinc and iron concentrations. <i>Field Crops Research</i> , 2012, 137, 261-267.	5.2	129
359	Sample Size under Inverse Negative Binomial Group Testing for Accuracy in Parameter Estimation. <i>PLoS ONE</i> , 2012, 7, e32250.	2.5	10
360	A General Bayesian Estimation Method of Linear-Bilinear Models Applied to Plant Breeding Trials With Genotype × Environment Interaction. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2012, 17, 15-37.	1.5	25

#	ARTICLE	IF	CITATIONS
361	Metabolomics and cancer drug discovery: let the cells do the talking. <i>Drug Discovery Today</i> , 2012, 17, 3-9.	6.6	31
362	High-throughput Phenotyping and Genomic Selection: The Frontiers of Crop Breeding Converge. <i>Journal of Integrative Plant Biology</i> , 2012, 54, 312-320.	9.2	292
363	Genetic analysis of adult plant, quantitative resistance to stripe rust in wheat cultivar "Stephens"™ in multi-environment trials. <i>Theoretical and Applied Genetics</i> , 2012, 124, 1-11.	3.7	110
364	Genetic structures of the CIMMYT international yield trial targeted to irrigated environments. <i>Molecular Breeding</i> , 2012, 29, 529-541.	2.1	42
365	From Genotype × Environment Interaction to Gene × Environment Interaction. <i>Current Genomics</i> , 2012, 13, 225-244.	1.6	78
366	Genomic Selection and Prediction in Plant Breeding. <i>Journal of Crop Improvement</i> , 2011, 25, 239-261.	1.6	134
367	The effect of tillage, crop rotation and residue management on maize and wheat growth and development evaluated with an optical sensor. <i>Field Crops Research</i> , 2011, 120, 58-67.	5.2	58
368	Large-scale screening for maize drought resistance using multiple selection criteria evaluated under water-stressed and well-watered environments. <i>Field Crops Research</i> , 2011, 124, 37-45.	5.2	94
369	Wheat yield and tillage straw management system × year interaction explained by climatic co-variables for an irrigated bed planting system in northwestern Mexico. <i>Field Crops Research</i> , 2011, 124, 347-356.	5.2	46
370	Race non-specific resistance to rust diseases in CIMMYT spring wheats. <i>Euphytica</i> , 2011, 179, 175-186.	1.2	176
371	Gene effects and heterosis for grain iron and zinc density in pearl millet (<i>Pennisetum glaucum</i> (L.) R. Tj ETQq1 1 0.784314 rgBT /Overdo	1.2	37
372	Identifying QTLs and Epistasis in Structured Plant Populations Using Adaptive Mixed LASSO. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2011, 16, 170-184.	1.5	56
373	Three-Mode Principal Component Analysis of Genotype-by-Environment-by-Trait Data in Durum Wheat. <i>Journal of Crop Improvement</i> , 2011, 25, 619-649.	1.6	3
374	Optimal sample size for estimating the proportion of transgenic plants using the Dorfman model with a random confidence interval. <i>Seed Science Research</i> , 2011, 21, 235-245.	1.7	8
375	Prediction Assessment of Linear Mixed Models for Multi-environment Trials. <i>Crop Science</i> , 2011, 51, 944-954.	1.9	86
376	Bayesian Estimation of the Additive Main Effects and Multiplicative Interaction Model. <i>Crop Science</i> , 2011, 51, 1458-1469.	1.9	42
377	Genomic-enabled Prediction Based on Molecular Markers and Pedigree Using the Bayesian Linear Regression Package in R. <i>Plant Genome</i> , 2010, 3, 106-116.	3.2	187
378	Gene action of canopy temperature in bread wheat under diverse environments. <i>Theoretical and Applied Genetics</i> , 2010, 120, 1107-1117.	3.7	57

#	ARTICLE	IF	CITATIONS
379	Clinical Characteristics and Genotype-phenotype Correlation in 62 Patients with X-linked Agammaglobulinemia. <i>Journal of Clinical Immunology</i> , 2010, 30, 121-131.	3.8	61
380	Hierarchical Multiple Factor Analysis for Classifying Genotypes Based on Phenotypic and Genetic Data. <i>Crop Science</i> , 2010, 50, 105-117.	1.9	11
381	Semi-parametric genomic-enabled prediction of genetic values using reproducing kernel Hilbert spaces methods. <i>Genetical Research</i> , 2010, 92, 295-308.	0.9	326
382	Sample size for detecting and estimating the proportion of transgenic plants with narrow confidence intervals. <i>Seed Science Research</i> , 2010, 20, 123-136.	1.7	10
383	Autoantibodies against IL-17A, IL-17F, and IL-22 in patients with chronic mucocutaneous candidiasis and autoimmune polyendocrine syndrome type I. <i>Journal of Experimental Medicine</i> , 2010, 207, 291-297.	8.8	674
384	Phylogenetic and Multivariate Analyses To Determine the Effects of Different Tillage and Residue Management Practices on Soil Bacterial Communities. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3685-3691.	3.2	159
385	Targeting of early to intermediate maize hybrids for yield performance and yield stability using SREG model. <i>South African Journal of Plant and Soil</i> , 2010, 27, 207-214.	1.1	8
386	Genotype × environment interaction for zinc and iron concentration of wheat grain in eastern Gangetic plains of India. <i>Field Crops Research</i> , 2010, 116, 268-277.	5.2	109
387	Classifying vegetable genetic resources – A case study with domesticated <i>Capsicum</i> spp.. <i>Scientia Horticulturae</i> , 2010, 126, 186-191.	3.7	54
388	Experimental iron-inactivated <i>Pasteurella multocida</i> A: 1 vaccine adjuvanted with bacterial DNA is safe and protects chickens from fowl cholera. <i>Vaccine</i> , 2010, 28, 2284-2289.	4.0	16
389	Prediction of Genetic Values of Quantitative Traits in Plant Breeding Using Pedigree and Molecular Markers. <i>Genetics</i> , 2010, 186, 713-724.	2.9	677
390	Core Hunter: an algorithm for sampling genetic resources based on multiple genetic measures. <i>BMC Bioinformatics</i> , 2009, 10, 243.	2.7	146
391	Competition between Superconductivity and Charge-density Wave Order in $\text{Na}_0.3\text{CoO}_2 \cdot 1.3\text{H}_2\text{O}$. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009, 22, 295-298.	1.8	3
392	Predicting Quantitative Traits With Regression Models for Dense Molecular Markers and Pedigree. <i>Genetics</i> , 2009, 182, 375-385.	2.9	528
393	Biplot Analysis of Genotype × Environment Interaction: Proceed with Caution. <i>Crop Science</i> , 2009, 49, 1564-1576.	1.9	239
394	Mega-Environment Identification for Barley Based on Twenty-Six Years of Global Grain Yield Data. <i>Crop Science</i> , 2009, 49, 1705-1718.	1.9	17
395	Generalizing the Sites Regression Model to Three-Way Interaction Including Multi-Attributes. <i>Crop Science</i> , 2009, 49, 2043-2057.	1.9	4
396	A multi-trait multi-environment QTL mixed model with an application to drought and nitrogen stress trials in maize (<i>Zea mays</i> L.). <i>Euphytica</i> , 2008, 161, 241-257.	1.2	139

#	ARTICLE	IF	CITATIONS
397	Numerical classification of related Peruvian highland maize races using internal ear traits. <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 1055-1064.	1.6	37
398	Wheat genetic resources enhancement by the International Maize and Wheat Improvement Center (CIMMYT). <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 1095-1140.	1.6	158
399	A restricted selection index method based on eigenanalysis. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2008, 13, 440-457.	1.5	17
400	Combining ability and heterosis under pest epidemics in a broad-based global wheat-breeding population. <i>Plant Breeding</i> , 2008, 127, 222-227.	1.8	2
401	Minimum resources for phenotyping morphological traits of maize (<i>Zea mays</i> L.) genetic resources. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2008, 6, 195-200.	0.9	33
402	Long-term consequences of tillage, residue management, and crop rotation on selected soil micro-flora groups in the subtropical highlands. <i>Applied Soil Ecology</i> , 2008, 38, 197-210.	4.4	118
403	A Molecular Selection Index Method Based on Eigenanalysis. <i>Genetics</i> , 2008, 180, 547-557.	2.9	25
404	Probability models for detecting transgenic plants. <i>Seed Science Research</i> , 2008, 18, 77-89.	1.7	13
405	S. Weir (2006), <i>Unequal Britain: Human Rights as a Route to Social Justice</i> . London: Politico. Â£10.99, pp. 331, pbk.. <i>Journal of Social Policy</i> , 2008, 37, 713-714.	1.4	0
406	Using Factor Analytic Models for Joining Environments and Genotypes without Crossover Genotype \times Environment Interaction. <i>Crop Science</i> , 2008, 48, 1291-1305.	1.9	93
407	Genetic Analysis of Slow \times Rusting Resistance to Leaf Rust in Durum Wheat. <i>Crop Science</i> , 2008, 48, 2132-2140.	1.9	26
408	Genetic Diversity in CIMMYT Nontemperate Maize Germplasm: Landraces, Open Pollinated Varieties, and Inbred Lines. <i>Crop Science</i> , 2008, 48, 617-624.	1.9	95
409	Performance of Yield and Stability of Advanced Wheat Genotypes under Heat Stress Environments of the Indo-Gangetic Plains. <i>Crop Science</i> , 2007, 47, 1561-1573.	1.9	58
410	Modeling Additive \times Environment and Additive \times Additive \times Environment Using Genetic Covariances of Relatives of Wheat Genotypes. <i>Crop Science</i> , 2007, 47, 311-320.	1.9	57
411	Associations of Environments in South Asia Based on Spot Blotch Disease of Wheat Caused by <i>Cochliobolus sativus</i> . <i>Crop Science</i> , 2007, 47, 1071-1081.	1.9	77
412	PAPER PRESENTED AT INTERNATIONAL WORKSHOP ON INCREASING WHEAT YIELD POTENTIAL, CIMMYT, OBREGON, MEXICO, 20 \times 24 MARCH 2006 Structural equation modelling for studying genotype \times environment interactions of physiological traits affecting yield in wheat. <i>Journal of Agricultural Science</i> , 2007, 145, 151.	1.5	19
413	Combining superior agronomic performance and terminal heat tolerance with resistance to spot blotch (<i>Bipolaris sorokiniana</i>) of wheat in the warm humid Gangetic Plains of South Asia. <i>Field Crops Research</i> , 2007, 103, 53-61.	5.2	107
414	Evaluation of early to medium maturing open pollinated maize varieties in SADC region using GGE biplot based on the SREG model. <i>Field Crops Research</i> , 2007, 103, 161-169.	5.2	50

#	ARTICLE	IF	CITATIONS
415	Preparation of Ag nanoparticles terminated with protected side chain liquid crystalline azobenzene polymers by RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5380-5386.	2.4	22
416	Heavy metals in mass species of bivalves in Ha Long Bay (South China Sea, Vietnam). <i>Oceanology</i> , 2007, 47, 685-690.	1.2	6
417	Global adaptation patterns of Australian and CIMMYT spring bread wheat. <i>Theoretical and Applied Genetics</i> , 2007, 115, 819-835.	3.7	31
418	Lessons learnt from forty years of international spring bread wheat trials. <i>Euphytica</i> , 2007, 157, 385-390.	1.2	21
419	Evaluation of slow rusting resistance components to leaf rust in CIMMYT durum wheats. <i>Euphytica</i> , 2007, 155, 361-369.	1.2	37
420	High yield potential, shuttle breeding, genetic diversity, and a new international wheat improvement strategy. <i>Euphytica</i> , 2007, 157, 365-384.	1.2	137
421	Variation in partial resistance to barley leaf rust (<i>Puccinia hordei</i>) and agronomic characters of Ethiopian landrace lines. <i>Euphytica</i> , 2007, 158, 139-151.	1.2	15
422	Wheat grain yield and stability assessed through regional trials in the Eastern Gangetic Plains of South Asia. <i>Euphytica</i> , 2007, 157, 457-464.	1.2	16
423	Long-term consequences of tillage, residue management, and crop rotation on maize/wheat root rot and nematode populations in subtropical highlands. <i>Applied Soil Ecology</i> , 2006, 32, 305-315.	4.4	125
424	A Selection Index Method Based on Eigenanalysis. <i>Crop Science</i> , 2006, 46, 1711-1721.	1.9	28
425	Global Adaptation of Spring Bread and Durum Wheat Lines Near Isogenic for Major Reduced Height Genes. <i>Crop Science</i> , 2006, 46, 603-613.	1.9	69
426	Effect of Leaf Rust on Grain Yield and Yield Traits of Durum Wheats with Race-Specific and Slow-Rusting Resistance to Leaf Rust. <i>Plant Disease</i> , 2006, 90, 1065-1072.	1.5	66
427	QTL mapping of grain length in rice (<i>Oryza sativa</i> L.) using chromosome segment substitution lines. <i>Genetical Research</i> , 2006, 88, 93-104.	0.9	101
428	A Bayesian Approach for Assessing the Stability of Genotypes. <i>Crop Science</i> , 2006, 46, 2654-2665.	1.9	26
429	Modeling Genotype \times Environment Interaction Using Additive Genetic Covariances of Relatives for Predicting Breeding Values of Wheat Genotypes. <i>Crop Science</i> , 2006, 46, 1722-1733.	1.9	118
430	Sampling Strategies for Conserving Maize Diversity When Forming Core Subsets Using Genetic Markers. <i>Crop Science</i> , 2006, 46, 854-864.	1.9	82
431	Double blind randomised controlled trial of topical cophenylcaine forte spray in prostatic biopsy. <i>BJU International</i> , 2006, 97, 19-20.	2.8	1
432	Bringing wild relatives back into the family: recovering genetic diversity in CIMMYT improved wheat germplasm. <i>Euphytica</i> , 2006, 149, 289-301.	1.2	168

#	ARTICLE	IF	CITATIONS
433	The global adaptation of bread wheat at high latitudes. <i>Euphytica</i> , 2006, 152, 303-316.	1.2	15
434	Studying the effect of environmental variables on the genotype \times environment interaction of tomato. <i>Euphytica</i> , 2006, 153, 119-134.	1.2	47
435	Mapping QTLs and QTL \times environment interaction for CIMMYT maize drought stress program using factorial regression and partial least squares methods. <i>Theoretical and Applied Genetics</i> , 2006, 112, 1009-1023.	3.7	114
436	Grouping of accessions of Mexican races of maize revisited with SSR markers. <i>Theoretical and Applied Genetics</i> , 2006, 113, 177-185.	3.7	81
437	Three-dimensional square water in the presence of an external electric field. <i>Journal of Chemical Physics</i> , 2006, 125, 094508.	3.1	11
438	Detecting (trans)gene flow to landraces in centers of crop origin: lessons from the case of maize in Mexico. <i>Environmental Biosafety Research</i> , 2005, 4, 197-208.	0.8	44
439	Differential Adaptation of CIMMYT Bread Wheat to Global High Temperature Environments. <i>Crop Science</i> , 2005, 45, 2443-2453.	1.9	66
440	Using linear-bilinear models for studying gene expression \times treatment interaction in microarray experiments. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2005, 10, 337-353.	1.5	5
441	Genetic characterization of 218 elite CIMMYT maize inbred lines using RFLP markers. <i>Euphytica</i> , 2005, 142, 97-106.	1.2	41
442	Quantum BRST Charge and $OSp(1 8)$ Superalgebra of Twistor-Like p-branes with Exotic Supersymmetry and Weyl Symmetry. <i>AIP Conference Proceedings</i> , 2005, , .	1.0	0
443	Spatial Analysis of cDNA Microarray Experiments. <i>Crop Science</i> , 2005, 45, 748-757.	1.9	4
444	Analysis of Genetic Factors Influencing the Developmental Rate of Globally Important CIMMYT Wheat Cultivars. <i>Crop Science</i> , 2005, 45, 2113-2119.	1.9	63
445	A Sampling Strategy for Conserving Genetic Diversity when Forming Core Subsets. <i>Crop Science</i> , 2005, 45, 1035-1044.	1.9	95
446	Designing for and Analyzing Results from Field Experiments. <i>Journal of Crop Improvement</i> , 2005, 14, 29-50.	1.6	6
447	Statistical Genetics and Simulation Models in Genetic Resource Conservation and Regeneration. <i>Crop Science</i> , 2004, 44, 2246-2253.	1.9	7
448	Resistance to barley scald (<i>Rhynchosporium secalis</i>) in the Ethiopian donor lines $\hat{\sigma}$ Steudelli $\hat{\sigma}$ TM and $\hat{\sigma}$ Jet $\hat{\sigma}$ TM , analyzed by partial least squares regression and interval mapping. <i>Hereditas</i> , 2004, 141, 166-179.	1.6	23
449	Statistical methods for classifying genotypes. <i>Euphytica</i> , 2004, 137, 19-37.	1.2	76
450	Genotype \times Environment Interacion in multi-environment Trials using shrinkage factors for ammi models. <i>Euphytica</i> , 2004, 137, 119-127.	1.2	13

#	ARTICLE	IF	CITATIONS
451	Studying crossover genotype \times environment interaction using linear-bilinear models and mixed models. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2004, 9, 362-380.	1.5	80
452	Background spectral library for Fort A.P. Hill, Virginia. , 2004, 5544, 35.		9
453	Assessment of genetic diversity in synthetic hexaploid wheats and their <i>Triticum dicoccum</i> and <i>Aegilops tauschii</i> parents using AFLPs and agronomic traits. <i>Euphytica</i> , 2003, 134, 305-317.	1.2	73
454	Overexpression of ErbB2 enhances ethanol-stimulated intracellular signaling and invasion of human mammary epithelial and breast cancer cells in vitro. <i>Oncogene</i> , 2003, 22, 5281-5290.	5.9	50
455	Measurements of Representativeness Used in Genetic Resources Conservation and Plant Breeding. <i>Crop Science</i> , 2003, 43, 1912-1921.	1.9	39
456	A Multivariate Method for Classifying Cultivars and Studying Group \times Environment \times Trait Interaction. <i>Crop Science</i> , 2003, 43, 1249-1258.	1.9	42
457	Additive Main Effects and Multiplicative Interaction Model. <i>Crop Science</i> , 2003, 43, 1976-1982.	1.9	10
458	Associations among Twenty Years of International Bread Wheat Yield Evaluation Environments. <i>Crop Science</i> , 2003, 43, 1698-1711.	1.9	70
459	Additive Main Effects and Multiplicative Interaction Model. <i>Crop Science</i> , 2003, 43, 1967-1975.	1.9	5
460	Using Line \times Tester Interaction for the Formation of Yellow Maize Synthetics Tolerant to Acid Soils. <i>Crop Science</i> , 2003, 43, 1718-1728.	1.9	19
461	Comparing a Preliminary Racial Classification with a Numerical Classification of the Maize Landraces of Uruguay. <i>Crop Science</i> , 2003, 43, 718.	1.9	19
462	Dimensions of Diversity in Modern Spring Bread Wheat in Developing Countries from 1965. <i>Crop Science</i> , 2002, 42, 1766-1779.	1.9	82
463	Physiological factors associated with genotype by environment interaction in wheat. <i>Field Crops Research</i> , 2002, 75, 139-160.	5.2	54
464	Selection for Resistance to Southwestern Corn Borer Using Marker-Assisted and Conventional Backcrossing. <i>Crop Science</i> , 2002, 42, 1516-1528.	1.9	75
465	Biplots of Linear \times Bilinear Models for Studying Crossover Genotype \times Environment Interaction. <i>Crop Science</i> , 2002, 42, 619-633.	1.9	87
466	The Modified Location Model for Classifying Genetic Resources. <i>Crop Science</i> , 2002, 42, 1719-1726.	1.9	36
467	The Modified Location Model for Classifying Genetic Resources. <i>Crop Science</i> , 2002, 42, 1727-1736.	1.9	8
468	Genetic Characterization of CIMMYT Inbred Maize Lines and Open Pollinated Populations Using Large Scale Fingerprinting Methods. <i>Crop Science</i> , 2002, 42, 1832-1840.	1.9	142

#	ARTICLE	IF	CITATIONS
469	Stable transfection of GM1 synthase gene into GM1-deficient NG108-15 cells, CR-72 cells, rescues the responsiveness of Trk-neurotrophin receptor to its ligand, NGF. <i>Neurochemical Research</i> , 2002, 27, 801-806.	3.3	49
470	Biplots of Linear-Bilinear Models for Studying Crossover Genotype \times Environment Interaction. <i>Crop Science</i> , 2002, 42, 619.	1.9	40
471	Linear-bilinear models for the analysis of genotype-environment interaction.. , 2002, , 305-322.		13
472	Coleoptile length variation of near-isogenic Rht lines of modern CIMMYT bread and durum wheats. <i>Field Crops Research</i> , 2001, 70, 167-176.	5.2	52
473	Interpreting Treatment \times Environment Interaction in Agronomy Trials. <i>Agronomy Journal</i> , 2001, 93, 949-960.	1.9	48
474	Relationships among Bread Wheat International Yield Testing Locations in Dry Areas. <i>Crop Science</i> , 2001, 41, 1461-1469.	1.9	89
475	Two Types of GGE Biplots for Analyzing Multi-Environment Trial Data. <i>Crop Science</i> , 2001, 41, 656-663.	1.9	223
476	A method for combining molecular markers and phenotypic attributes for classifying plant genotypes. <i>Theoretical and Applied Genetics</i> , 2001, 103, 944-952.	3.7	108
477	Regeneration potential of CIMMYT durum wheat and triticale varieties from immature embryos. <i>Plant Breeding</i> , 2001, 120, 291-295.	1.8	12
478	Grain yield and other traits of tall and dwarf isolines of modern bread and durum wheats. <i>Euphytica</i> , 2001, 119, 241-244.	1.2	32
479	Combining Results from Augmented Designs over Sites. <i>Agronomy Journal</i> , 2001, 93, 389-395.	1.9	36
480	Variance Effective Population Size under Mixed Self and Random Mating with Applications to Genetic Conservation of Species. <i>Crop Science</i> , 1999, 39, 1282-1294.	1.9	27
481	Using Partial Least Squares Regression, Factorial Regression, and AMMI Models for Interpreting Genotype \times Environment Interaction. <i>Crop Science</i> , 1999, 39, 955-967.	1.9	124
482	Prediction Assessment of Shrinkage Estimators of Multiplicative Models for Multi-Environment Cultivar Trials. <i>Crop Science</i> , 1999, 39, 998-1009.	1.9	72
483	A Two-Stage, Three-Way Method for Classifying Genetic Resources in multiple Environments. <i>Crop Science</i> , 1999, 39, 259-267.	1.9	45
484	Evaluating genetic diversity for heat tolerance traits in Mexican wheat landraces. <i>Genetic Resources and Crop Evolution</i> , 1999, 46, 37-45.	1.6	62
485	Interpreting genotype \times environment interaction in tropical maize using linked molecular markers and environmental covariables. <i>Theoretical and Applied Genetics</i> , 1999, 99, 611-625.	3.7	92
486	Plant traits related to yield of wheat in early, late, or continuous drought conditions. <i>Euphytica</i> , 1998, 100, 109-121.	1.2	73

#	ARTICLE	IF	CITATIONS
487	The nuclear-encoded human NADH:ubiquinone oxidoreductase NDUF8 subunit: cDNA cloning, chromosomal localization, tissue distribution, and mutation detection in complex-I-deficient patients. <i>Human Genetics</i> , 1998, 103, 557-563.	3.8	18
488	Combining genotype, environment and attribute variables in regression models for predicting the cell-means of multi-environment cultivar trials. <i>Theoretical and Applied Genetics</i> , 1998, 96, 803-811.	3.7	23
489	The Paleogeographic and Stratigraphic Distribution of Ceratopsids (Ornithischia) in the Upper Judith River Group of Western Canada. <i>Palaios</i> , 1998, 13, 160.	1.4	54
490	Agronomic Effects from Chromosome Translocations 7DL.7Ag and 1BL.1RS in Spring Wheat. <i>Crop Science</i> , 1998, 38, 27-33.	1.9	136
491	Interpreting Genotype × Environment Interaction in Wheat by Partial Least Squares Regression. <i>Crop Science</i> , 1998, 38, 679-689.	1.9	84
492	Evaluation of Caribbean Maize Accessions to Develop a Core Subset. <i>Crop Science</i> , 1998, 38, 1378-1386.	1.9	33
493	Classifying Genetic Resources by Categorical and Continuous Variables. <i>Crop Science</i> , 1998, 38, 1688-1696.	1.9	116
494	Sites Regression and Shifted Multiplicative Model Clustering of Cultivar Trial Sites under Heterogeneity of Error Variances. <i>Crop Science</i> , 1997, 37, 406-415.	1.9	151
495	Variance Effective Population Size for Two-Stage Sampling of Monoecious Species. <i>Crop Science</i> , 1997, 37, 14-26.	1.9	9
496	Identifying Subsets of Maize Accessions by Three-Mode Principal Component Analysis. <i>Crop Science</i> , 1997, 37, 1936-1943.	1.9	8
497	Classifying Mexican Maize Accessions Using Hierarchical and Density Search Methods. <i>Crop Science</i> , 1997, 37, 972-980.	1.9	32
498	A Sequential Clustering Strategy for Classifying Gene Bank Accessions. <i>Crop Science</i> , 1997, 37, 1656-1662.	1.9	13
499	Results and Biological Interpretation of Shifted Multiplicative Model Clustering of Durum Wheat Cultivars and Test Site. <i>Crop Science</i> , 1997, 37, 88-97.	1.9	19
500	Body fluid homeostasis and cardiovascular adjustments during submaximal exercise: influence of chewing coca leaves. <i>European Journal of Applied Physiology</i> , 1997, 75, 400-406.	2.5	6
501	Title is missing!. <i>Euphytica</i> , 1997, 95, 01-09.	1.2	50
502	Title is missing!. <i>Euphytica</i> , 1997, 95, 11-20.	1.2	35
503	Comparing <i>Fusarium graminearum</i> Infection Period in Wheat and Barley. <i>Cereal Research Communications</i> , 1997, 25, 739-740.	1.5	4
504	Relationships among International Testing Sites of Spring Durum Wheat. <i>Crop Science</i> , 1996, 36, 33-40.	1.9	28

#	ARTICLE	IF	CITATIONS
505	Using the Shifted Multiplicative Model Cluster Methods for Crossover Genotype -by- Environment Interaction. , 1996, , 175-198.		1
506	Statistical Tests and Estimators of Multiplicative Models for Genotype-by-Environment Interaction. , 1996, , 199-234.		24
507	Plant regeneration from immature embryos of 48 elite CIMMYT bread wheats. Theoretical and Applied Genetics, 1996, 92, 163-169.	3.7	79
508	Analysis of Variety Yield Trials Using Two-Dimensional Separable ARIMA Processes. Biometrics, 1996, 52, 763.	1.5	49
509	Plant regeneration from immature embryos of 48 elite CIMMYT bread wheats. Theoretical and Applied Genetics, 1996, 92, 163-169.	3.7	18
510	Improvement in selfed and random-mated generations of four subtropical maize populations through S3 recurrent selection. Euphytica, 1995, 83, 1-8.	1.2	3
511	Effect of S3 Recurrent Selection in Four Tropical Maize Populations on Their Selfed and Randomly Mated Generations. Crop Science, 1995, 35, 697-702.	1.9	11
512	Three-Mode Analyses of Maize Using Morphological and Agronomic Attributes Measured in Multilocational Trials. Crop Science, 1995, 35, 1483-1491.	1.9	21
513	A Shifted Multiplicative Model Fusion Method for Grouping Environments without Cultivar Rank Change. Crop Science, 1995, 35, 54-62.	1.9	16
514	Activation of glutamate receptors in response to membrane depolarization of hair cells isolated from chick cochlea.. Journal of Physiology, 1994, 477, 403-414.	2.9	52
515	Weak coupling in Nd143. Physical Review C, 1994, 50, R1759-R1762.	2.9	4
516	Implications of the variance effective population size on the genetic conservation of monoecious species. Theoretical and Applied Genetics, 1994, 89-89, 936-942.	3.7	19
517	Practical considerations for maintaining germplasm in maize. Theoretical and Applied Genetics, 1994, 89, 89-95.	3.7	34
518	Agronomic Variability in Selected <i>Triticum turgidum</i> x <i>T. tauschii</i> Synthetic Hexaploid Wheats. Journal of Agronomy and Crop Science, 1994, 173, 307-317.	3.6	28
519	The area under the function: an index for selecting desirable genotypes. Theoretical and Applied Genetics, 1993, 87, 409-415.	3.7	28
520	A shifted multiplicative model cluster analysis for grouping environments without genotypic rank change. Theoretical and Applied Genetics, 1993, 85, 577-586.	3.7	34
521	Statistical genetic considerations for maintaining germ plasm collections. Theoretical and Applied Genetics, 1993, 86, 673-678.	3.7	79
522	Long-term association of locations for testing spring bread wheat. Euphytica, 1993, 72, 95-106.	1.2	43

#	ARTICLE	IF	CITATIONS
523	A Program for Estimating the Optimum Sample Size for Germplasm Conservation. <i>Journal of Heredity</i> , 1993, 84, 85-86.	2.5	5
524	Heterosis and Combining Ability of CIMMYT's Quality Protein Maize Germplasm: II. Subtropical. <i>Crop Science</i> , 1993, 33, 51-57.	1.9	49
525	Heterosis and Combining Ability of CIMMYT's Quality Protein Maize Germplasm: I. Lowland Tropical. <i>Crop Science</i> , 1993, 33, 46-51.	1.9	50
526	Gene action and the bottleneck effect in relation to sample size for maintenance of cross-pollinated populations. <i>Field Crops Research</i> , 1992, 29, 225-239.	5.2	3
527	Heterosis and Combining Ability of CIMMYT's Tropical & Subtropical Maize Germplasm. <i>Crop Science</i> , 1992, 32, 1483-1489.	1.9	19
528	Heterosis and Combining Ability of CIMMYT's Subtropical and Temperate Early-Maturity Maize Germplasm. <i>Crop Science</i> , 1992, 32, 884-890.	1.9	45
529	Using the shifted multiplicative model to search for "separability" in crop cultivar trials. <i>Theoretical and Applied Genetics</i> , 1992, 84, 161-172.	3.7	102
530	Selection of stable varieties by minimizing the probability of disaster. <i>Field Crops Research</i> , 1991, 27, 169-181.	5.2	14
531	Purification and Characterization of Hepatic Microsomal Cytochrome P450 in Phenobarbital- and β -Naphthoflavone-treated Pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1991, 69, 381-385.	0.0	7
532	AMMI adjustment for statistical analysis of an international wheat yield trial. <i>Theoretical and Applied Genetics</i> , 1991, 81, 27-37.	3.7	158
533	MgATP-dependent accumulation of calcium ions and inorganic phosphate in a liver reticular pool. <i>Biochemical Journal</i> , 1990, 272, 549-552.	3.8	19
534	Additive Main Effects and Multiplicative Interaction Analysis of Two International Maize Cultivar Trials. <i>Crop Science</i> , 1990, 30, 493-500.	1.9	309
535	Heterotic Patterns among Mexican Races of Maize. <i>Crop Science</i> , 1990, 30, 1182-1190.	1.9	32
536	Statistical Analyses of Multilocation Trials. <i>Advances in Agronomy</i> , 1990, , 55-85.	3.7	383
537	Spatial Tactics. , 1990, , 4-37.		0
538	The yield stability of CIMMYT'S maize germplasm. <i>Euphytica</i> , 1989, 40, 245-251.	1.2	7
539	Methodologies for estimating the sample size required for genetic conservation of outbreeding crops. <i>Theoretical and Applied Genetics</i> , 1989, 77, 153-161.	3.7	61
540	Predicted and realized grain yield responses to full-sib family selection in CIMMYT maize (<i>Zea mays</i> L.) populations. <i>Theoretical and Applied Genetics</i> , 1989, 77, 33-38.	3.7	7

#	ARTICLE	IF	CITATIONS
541	Regional brain contents of serotonin, dopamine and their metabolites in the selectively bred high- and low-alcohol drinking lines of rats. <i>Alcohol</i> , 1989, 6, 317-320.	2.0	176
542	Analysing yield stability of maize genotypes using a spatial model. <i>Theoretical and Applied Genetics</i> , 1988, 75, 863-868.	3.7	6
543	A comparison of results obtained with two methods for assessing yield stability. <i>Theoretical and Applied Genetics</i> , 1988, 75, 460-467.	3.7	22
544	Statistische Sicherheit der Meßdaten beim Laufzeit-Korrelationsverfahren / Level of significance of measuring data in the transit time correlation method. <i>TM Technisches Messen</i> , 1988, 55, .	0.7	1
545	The Yield Stability of Maize Genotypes across International Environments: Full Season Tropical Maize. <i>Experimental Agriculture</i> , 1988, 24, 253-263.	0.9	9
546	Introgression of an Exotic Germplasm for Improving an Adapted Maize Population 1. <i>Crop Science</i> , 1987, 27, 187-190.	1.9	46
547	Heterosis among populations of maize (<i>Zea mays</i> L.) with different levels of exotic germplasm. <i>Theoretical and Applied Genetics</i> , 1987, 73, 445-450.	3.7	41
548	SHAKESPEARE AND APULEIUS. <i>Notes and Queries</i> , 1978, CCXXIII, 120-121.	0.0	0
549	CLINICAL PATTERNS OF ACUTE DIVERTICULITIS. <i>Journal of the American Geriatrics Society</i> , 1966, 14, 871-874.	2.9	1
550	É-Lysine Acylase in Bacteria. <i>Nature</i> , 1962, 195, 80-81.	36.2	9
551	Clinical and Laboratory Effects of Chlorpropamide, a New Oral Antidiabetic Compound. <i>Acta Medica Scandinavica</i> , 1959, 164, 73-79.	0.0	3
552	Recent Developments in Multiplicative Models for Cultivar Trials. , 0, , 571-577.		2
553	Chemical engineering of a lipid nano-scaffold for the solubility enhancement of an antihyperlipidaemic drug, simvastatin; preparation, optimization, physicochemical characterization and pharmacodynamic study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 0, , 1-12.	4.0	5
554	Augmented Designs-Experimental Designs in Which All Treatments are not Replicated. <i>Assa, Cssa and Sssa</i> , 0, , 345-369.	0.0	4
555	Stress Analysis of Double Pinned and Adhesively Bonded Composite Plates with Different Adhesive Types. <i>Journal of the Institute of Science and Technology</i> , 0, , 575-589.	0.1	0
556	Multi-Trait Multi-Environment QTL Modelling for Drought-Stress Adaptation in Maize. , 0, , 25-36.		8
557	Analysis and Interpretation of Interactions of Fixed and Random Effects. <i>Assa, Cssa and Sssa</i> , 0, , 177-199.	0.0	6
558	TESTS AND ESTIMATORS OF MULTIPLICATIVE MODELS FOR VARIETY TRIALS. <i>Conference on Applied Statistics in Agriculture</i> , 0, , .	0.0	10

#	ARTICLE	IF	CITATIONS
559	A Bayesian Multiple-Trait and Multiple-Environment Model Using the Matrix Normal Distribution. , 0, , .		6
560	Chapter-159 Malnutrition in Children. , 0, , 1303-1318.		0
561	A General-Purpose Machine Learning R Library for Sparse Kernels Methods With an Application for Genome-Based Prediction. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	3
562	Partial Least Squares Enhances Genomic Prediction of New Environments. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	13
563	Multi-trait genome prediction of new environments with partial least squares. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	9
564	Evaluation of the consistence between the results of immunoinformatics predictions and real-world animal experiments of a new tuberculosis vaccine MP3RT. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	4.0	13
565	Do feature selection methods for selecting environmental covariables enhance genomic prediction accuracy?. <i>Frontiers in Genetics</i> , 0, 14, .	2.3	6
566	A novel method for genomic-enabled prediction of cultivars in new environments. <i>Frontiers in Plant Science</i> , 0, 14, .	3.8	0
567	Sharp feature-preserving mesh denoising. <i>Multimedia Tools and Applications</i> , 0, , .	4.2	0
568	Feature engineering of environmental covariates improves plant genomic-enabled prediction. <i>Frontiers in Plant Science</i> , 0, 15, .	3.8	0
569	New wheat breeding paradigms for a warming climate. <i>Nature Climate Change</i> , 0, , .	14.3	0
570	Genomic Prediction of The Performance of Tropical Doubled Haploid Maize Lines under Artificial <i>Striga hermonthica</i> (Del.) Benth. Infestation. <i>G3: Genes, Genomes, Genetics</i> , 0, , .	1.9	0
571	Taxonomic identification and antagonistic activity of <i>Streptomyces luomodiensis</i> sp. nov. against phytopathogenic fungi. <i>Frontiers in Microbiology</i> , 0, 15, .	3.6	0
572	A combination of joint linkage and genome-wide association study reveals putative candidate genes associated with resistance to northern corn leaf blight in tropical maize. <i>Frontiers in Plant Science</i> , 0, 15, .	3.8	0
573	A graph model for genomic prediction in the context of a linear mixed model framework. <i>Plant Genome</i> , 0, , .	3.2	0