

# Wayne Powell

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

234  
papers

16,810  
citations

66  
h-index

126  
g-index

238  
ext. papers

18,340  
ext. citations

5.1  
avg, IF

6.27  
L-index

#	Paper	IF	Citations
234	Trends of genetic changes uncovered by Env- and Eigen-GWAS in wheat and barley. <i>Theoretical and Applied Genetics</i> , <b>2021</b> ,	6	1
233	'Systems approach' plant breeding illustrated by trees. <i>Trends in Plant Science</i> , <b>2021</b> ,	13.1	1
232	Unraveling regulatory divergence, heterotic malleability, and allelic imbalance switching in rice due to drought stress. <i>Scientific Reports</i> , <b>2021</b> , 11, 13489	4.9	0
231	Understanding the classics: the unifying concepts of transgressive segregation, inbreeding depression and heterosis and their central relevance for crop breeding. <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 26-34	11.6	16
230	Determining appropriate interventions to mainstream nutritious orphan crops into African food systems. <i>Global Food Security</i> , <b>2021</b> , 28, 100465	8.3	12
229	Mineralogical Analysis of the Kestel Mine: An Early Bronze Age Source of Tin Ore in the Taurus Mountains, Turkey. <i>Minerals (Basel, Switzerland)</i> , <b>2021</b> , 11, 91	2.4	1
228	Overcoming barriers to the registration of new plant varieties under the DUS system. <i>Communications Biology</i> , <b>2021</b> , 4, 302	6.7	4
227	From peaks to ports: Insights into tin provenance, production, and distribution from adapted applications of lead isotopic analysis of the Uluburun tin ingots. <i>Journal of Archaeological Science</i> , <b>2021</b> , 134, 105455	2.9	3
226	Evaluation of Fe isotope values as a provenance tool for chert artefacts from the north-eastern United States. <i>Archaeometry</i> , <b>2020</b> , 62, 156-168	1.6	3
225	Origin Specific Genomic Selection: A Simple Process To Optimize the Favorable Contribution of Parents to Progeny. <i>G3: Genes, Genomes, Genetics</i> , <b>2020</b> , 10, 2445-2455	3.2	5
224	Enhancing African orphan crops with genomics. <i>Nature Genetics</i> , <b>2020</b> , 52, 356-360	36.3	33
223	Revisiting Tin in South-eastern Europe? <i>Starinar</i> , <b>2020</b> , 85-94	0.2	
222	Local provenance of raw materials for prehistoric pottery production at the Spasovine tin placer site (Western Serbia). <i>Starinar</i> , <b>2020</b> , 41-50	0.2	0
221	Some remarks on the genesis of the early Eneolithic in the Central Balkans. <i>Starinar</i> , <b>2020</b> , 9-40	0.2	1
220	Population structure and genetic diversity in red clover ( <i>Trifolium pratense</i> L.) germplasm. <i>Scientific Reports</i> , <b>2020</b> , 10, 8364	4.9	5
219	Zn-isotopic evidence for fluid-assisted ore remobilization at the Balmat Zinc Mine, NY. <i>Ore Geology Reviews</i> , <b>2020</b> , 116, 103227	3.2	4
218	Globally rare oceanic-montane liverworts with disjunct distributions: evidence for long-distance dispersal. <i>Biodiversity and Conservation</i> , <b>2020</b> , 29, 3245-3264	3.4	2

217	Provenance of tin in the Late Bronze Age balkans based on probabilistic and spatial analysis of Sn isotopes. <i>Journal of Archaeological Science</i> , <b>2020</b> , 122, 105181	2.9	12
216	The role of genetics in mainstreaming the production of new and orphan crops to diversify food systems and support human nutrition. <i>New Phytologist</i> , <b>2019</b> , 224, 37-54	9.8	37
215	Sulfide and silicate anatexis in the Balmat zinc deposit (New York, USA) and its implications for ore remobilization. <i>Ore Geology Reviews</i> , <b>2019</b> , 107, 392-401	3.2	6
214	Integrating a newly developed BAC-based physical mapping resource for <i>Lolium perenne</i> with a genome-wide association study across a <i>L. perenne</i> European ecotype collection identifies genomic contexts associated with agriculturally important traits. <i>Annals of Botany</i> , <b>2019</b> , 123, 977-992	4.1	3
213	Experimental evidence for fractionation of tin chlorides by redox and vapor mechanisms. <i>Geochimica Et Cosmochimica Acta</i> , <b>2019</b> , 250, 209-218	5.5	11
212	Speed breeding orphan crops. <i>Theoretical and Applied Genetics</i> , <b>2019</b> , 132, 607-616	6	57
211	Can genomics deliver climate-change ready crops?. <i>Current Opinion in Plant Biology</i> , <b>2018</b> , 45, 205-211	9.9	68
210	Plant genetic resources for food and agriculture: opportunities and challenges emerging from the science and information technology revolution. <i>New Phytologist</i> , <b>2018</b> , 217, 1407-1419	9.8	59
209	B chromosomes are associated with redistribution of genetic recombination towards lower recombination chromosomal regions in perennial ryegrass. <i>Journal of Experimental Botany</i> , <b>2018</b> , 69, 1861-1871	7	8
208	Copper isotopes as a means of determining regional metallurgical practices in European prehistory: A reply to Jansen. <i>Journal of Archaeological Science</i> , <b>2018</b> , 93, 216-221	2.9	4
207	Origins of Chalcocite Defined by Copper Isotope Values. <i>Geofluids</i> , <b>2018</b> , 2018, 1-9	1.5	7
206	Population Structure of Red Clover Ecotypes Collected from Europe and Asia <b>2018</b> , 20-26		
205	Supporting human nutrition in Africa through the integration of new and orphan crops into food systems: placing the work of the African Orphan Crops Consortium in context <b>2018</b> ,		10
204	Sn-isotope fractionation as a record of hydrothermal redox reactions. <i>American Mineralogist</i> , <b>2018</b> ,	2.9	1
203	Sedimentary exhalative origin for magnetite deposits of the New Jersey Highlands. <i>Canadian Journal of Earth Sciences</i> , <b>2017</b> , 54, 1008-1023	1.5	1
202	Improving global integration of crop research. <i>Science</i> , <b>2017</b> , 357, 359-360	33.3	28
201	Genomic prediction unifies animal and plant breeding programs to form platforms for biological discovery. <i>Nature Genetics</i> , <b>2017</b> , 49, 1297-1303	36.3	157
200	Digging deeper: Insights into metallurgical transitions in European prehistory through copper isotopes. <i>Journal of Archaeological Science</i> , <b>2017</b> , 88, 37-46	2.9	18

199	Preparation and Measurement of Cassiterite for Sn Isotope Analysis. <i>Geostandards and Geoanalytical Research</i> , <b>2017</b> , 41, 701-707	3.6	18
198	Germplasm dynamics: the role of ecotypic diversity in shaping the patterns of genetic variation in <i>Lolium perenne</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 22603	4.9	17
197	Implementation of Genomic Prediction in <i>Lolium perenne</i> (L.) Breeding Populations. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 133	6.2	47
196	Plant Genetic Resources: Needs, Rights, and Opportunities. <i>Trends in Plant Science</i> , <b>2016</b> , 21, 633-636	13.1	14
195	Analysis of Allelic Imbalance in Rice Hybrids Under Water Stress and Association of Asymmetrically Expressed Genes with Drought-Response QTLs. <i>Rice</i> , <b>2016</b> , 9, 50	5.8	9
194	Barley: a translational model for adaptation to climate change. <i>New Phytologist</i> , <b>2015</b> , 206, 913-931	9.8	138
193	Genetic-geographic correlation revealed across a broad European ecotypic sample of perennial ryegrass ( <i>Lolium perenne</i> ) using array-based SNP genotyping. <i>Theoretical and Applied Genetics</i> , <b>2015</b> , 128, 1917-32	6	24
192	Red clover ( <i>Trifolium pratense</i> L.) draft genome provides a platform for trait improvement. <i>Scientific Reports</i> , <b>2015</b> , 5, 17394	4.9	85
191	Comparative genetic diversity in a sample of pony breeds from the U.K. and North America: a case study in the conservation of global genetic resources. <i>Ecology and Evolution</i> , <b>2015</b> , 5, 3507-22	2.8	5
190	Placer Tin Ores from Mt. Cer, West Serbia, and Their Potential Exploitation during the Bronze Age. <i>Geoarchaeology - an International Journal</i> , <b>2014</b> , 29, 477-493	1.4	11
189	Use of advanced recombinant lines to study the impact and potential of mutations affecting starch synthesis in barley. <i>Journal of Cereal Science</i> , <b>2014</b> , 59, 196-202	3.8	10
188	Rapid marker-assisted development of advanced recombinant lines from barley starch mutants. <i>Molecular Breeding</i> , <b>2014</b> , 33, 243-248	3.4	5
187	Place-Based Geosciences Courses in a Diverse Urban College: Lessons Learned. <i>Journal of Geoscience Education</i> , <b>2014</b> , 62, 19-24	1.8	7
186	Rht-1 and Ppd-D1 associations with height, GA sensitivity, and days to heading in a worldwide bread wheat collection. <i>Theoretical and Applied Genetics</i> , <b>2013</b> , 126, 2233-43	6	44
185	Remnant genetic diversity detected in an ancient crop: <i>Triticum dicoccon</i> Schrank landraces from Asturias, Spain. <i>Genetic Resources and Crop Evolution</i> , <b>2013</b> , 60, 355-365	2	3
184	Genetic characterization and mapping of the Rht-1 homoeologs and flanking sequences in wheat. <i>Theoretical and Applied Genetics</i> , <b>2013</b> , 126, 1321-36	6	16
183	Haplotype dictionary for the Rht-1 loci in wheat. <i>Theoretical and Applied Genetics</i> , <b>2013</b> , 126, 1733-47	6	45
182	Using diversity of the chloroplast genome to examine evolutionary history of wheat species. <i>Genetic Resources and Crop Evolution</i> , <b>2013</b> , 60, 1831-1842	2	8

181	DNA evidence for multiple introductions of barley into Europe following dispersed domestications in Western Asia. <i>Antiquity</i> , <b>2013</b> , 87, 701-713	1	17
180	Genotyping by RAD sequencing enables mapping of fatty acid composition traits in perennial ryegrass ( <i>Lolium perenne</i> (L.)). <i>Plant Biotechnology Journal</i> , <b>2013</b> , 11, 572-81	11.6	47
179	Genotype analysis of the wheat semidwarf Rht-B1b and Rht-D1b ancestral lineage. <i>Plant Breeding</i> , <b>2013</b> , 132, 539-545	2.4	5
178	Genetic diversity and phylogenetic analysis of native mountain ponies of Britain and Ireland reveals a novel rare population. <i>Ecology and Evolution</i> , <b>2013</b> , 3, 934-47	2.8	11
177	Snapshots of gene expression in rice: limitations for allelic expression imbalance determination. <i>Genome</i> , <b>2012</b> , 55, 400-6	2.4	2
176	Phylogeographic analysis of barley DNA as evidence for the spread of Neolithic agriculture through Europe. <i>Journal of Archaeological Science</i> , <b>2012</b> , 39, 3230-3238	2.9	40
175	Molecular, phylogenetic and comparative genomic analysis of the cytokinin oxidase/dehydrogenase gene family in the Poaceae. <i>Plant Biotechnology Journal</i> , <b>2012</b> , 10, 67-82	11.6	34
174	Evolutionary history of barley cultivation in Europe revealed by genetic analysis of extant landraces. <i>BMC Evolutionary Biology</i> , <b>2011</b> , 11, 320	3	41
173	Asymmetric allele-specific expression in relation to developmental variation and drought stress in barley hybrids. <i>Plant Journal</i> , <b>2009</b> , 59, 14-26	6.9	45
172	Rapid identification of the three homoeologues of the wheat dwarfing gene Rht using a novel PCR-based screen of three-dimensional BAC pools. <i>Genome</i> , <b>2009</b> , 52, 993-1000	2.4	11
171	The complex origins of domesticated crops in the Fertile Crescent. <i>Trends in Ecology and Evolution</i> , <b>2009</b> , 24, 103-9	10.9	205
170	Comparison of geochemical and distinctive mineralogical features associated with the Kinzers and Burgess Shale formations and their associated units. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2009</b> , 277, 127-140	2.9	16
169	Isothermal amplification of genetically modified DNA sequences directly from plant tissues lowers the barriers to high-throughput and field-based genotyping. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 9400-2	5.7	11
168	G-string slippage turns white rice red. <i>Genome</i> , <b>2009</b> , 52, 490-3	2.4	20
167	From mutations to MAGIC: resources for gene discovery, validation and delivery in crop plants. <i>Current Opinion in Plant Biology</i> , <b>2008</b> , 11, 215-21	9.9	353
166	Population-based resequencing reveals that the flowering time adaptation of cultivated barley originated east of the Fertile Crescent. <i>Molecular Biology and Evolution</i> , <b>2008</b> , 25, 2211-9	8.3	173
165	Improving Urban Earth Science Education: The TRUST Model. <i>Journal of Geoscience Education</i> , <b>2008</b> , 56, 269-279	1.8	6
164	The genetic diversity of UK, US and Australian cultivars of <i>Triticum aestivum</i> measured by DArT markers and considered by genome. <i>Theoretical and Applied Genetics</i> , <b>2008</b> , 116, 439-53	6	101

163	Association mapping of partitioning loci in barley. <i>BMC Genetics</i> , <b>2008</b> , 9, 16	2.6	67
162	Control of flowering time in temperate cereals: genes, domestication, and sustainable productivity. <i>Journal of Experimental Botany</i> , <b>2007</b> , 58, 1231-44	7	322
161	Raspberry <b>2007</b> , 207-216		1
160	Development of EST-derived microsatellite markers for <i>Arabidopsis lyrata</i> subspecies <i>petraea</i> (L.). <i>Molecular Ecology Notes</i> , <b>2007</b> , 7, 631-634		5
159	Molecular barley breeding. <i>Euphytica</i> , <b>2007</b> , 158, 295-303	2.1	29
158	Methods for linkage disequilibrium mapping in crops. <i>Trends in Plant Science</i> , <b>2007</b> , 12, 57-63	13.1	316
157	Extreme population-dependent linkage disequilibrium detected in an inbreeding plant species, <i>Hordeum vulgare</i> . <i>Genetics</i> , <b>2006</b> , 172, 557-67	4	197
156	Comparative analysis of population genetic structure in <i>Athyrium distentifolium</i> (Pteridophyta) using AFLPs and SSRs from anonymous and transcribed gene regions. <i>Molecular Ecology</i> , <b>2005</b> , 14, 1681-95	5.7	113
155	Genomic microsatellite adaptive divergence of wild barley by microclimatic stress in Evolution Canyon, Israel. <i>Biological Journal of the Linnean Society</i> , <b>2005</b> , 84, 205-224	1.9	54
154	Chloroplast DNA microsatellite analysis supports a polyphyletic origin for barley. <i>Theoretical and Applied Genetics</i> , <b>2005</b> , 110, 613-9	6	63
153	Analysis of the distribution of marker classes in a genetic linkage map: a case study in Norway spruce ( <i>Picea abies</i> karst). <i>Tree Genetics and Genomes</i> , <b>2005</b> , 1, 93-102	2.1	15
152	Isolation of high molecular weight DNA suitable for BAC library construction from woody perennial soft-fruit species. <i>BioTechniques</i> , <b>2005</b> , 38, 69-71	2.5	15
151	Estimates of outcrossing rates in <i>Moringa oleifera</i> using Amplified fragment length polymorphism (AFLP). <i>African Journal of Biotechnology</i> , <b>2004</b> , 3, 146-151	0.6	17
150	Analysis of Genetic Diversity in Cultivated Jute Determined by Means of SSR Markers and AFLP Profiling. <i>Crop Science</i> , <b>2004</b> , 44, 678-685	2.4	58
149	The Unique Role of Introductory Geology Courses in Teaching Quantitative Reasoning. <i>Journal of Geoscience Education</i> , <b>2004</b> , 52, 301-305	1.8	5
148	Comparative sequence analysis of the region harboring the hardness locus in barley and its colinear region in rice. <i>Plant Physiology</i> , <b>2004</b> , 136, 3177-90	6.6	66
147	Sequence polymorphism in polyploid wheat and their d-genome diploid ancestor. <i>Genetics</i> , <b>2004</b> , 167, 941-7	4	117
146	Isolation of Polymorphic Microsatellite Markers for the Alpine Lady Fern, <i>Athyrium Distentifolium</i> Tausch ex Opiz, from an Enriched Genomic Library. <i>Conservation Genetics</i> , <b>2004</b> , 5, 283-286	2.6	5

145	Exploiting plant somatic radiation hybrids for physical mapping of expressed sequence tags. <i>Theoretical and Applied Genetics</i> , <b>2004</b> , 108, 343-8	6	19
144	High-resolution organellar genome analysis of <i>Triticum</i> and <i>Aegilops</i> sheds new light on cytoplasm evolution in wheat. <i>Theoretical and Applied Genetics</i> , <b>2004</b> , 108, 1182-90	6	39
143	The construction of a genetic linkage map of red raspberry ( <i>Rubus idaeus</i> subsp. <i>idaeus</i> ) based on AFLPs, genomic-SSR and EST-SSR markers. <i>Theoretical and Applied Genetics</i> , <b>2004</b> , 109, 740-9	6	131
142	Use of new EST markers to elucidate the genetic differences in grain protein content between European and North American two-rowed malting barleys. <i>Theoretical and Applied Genetics</i> , <b>2004</b> , 110, 116-25	6	30
141	A comparison of sequence-based polymorphism and haplotype content in transcribed and anonymous regions of the barley genome. <i>Genome</i> , <b>2004</b> , 47, 389-98	2.4	114
140	Unfashionable crop species flourish in the 21st century. <i>Genome Biology</i> , <b>2004</b> , 5, 233	18.3	10
139	Analysis of Genetic Diversity in Cultivated Jute Determined by Means of SSR Markers and AFLP Profiling. <i>Crop Science</i> , <b>2004</b> , 44, 678	2.4	13
138	Essential Design Elements for Successful Online Courses. <i>Journal of Geoscience Education</i> , <b>2003</b> , 51, 221-230		3
137	Studying genetic relationships among coconut varieties/populations using microsatellite markers. <i>Euphytica</i> , <b>2003</b> , 132, 121-128	2.1	43
136	Assessment of EST- and genomic microsatellite markers for variety discrimination and genetic diversity studies in wheat. <i>Euphytica</i> , <b>2003</b> , 133, 359-366	2.1	52
135	Patterns of polymorphism detected in the chloroplast and nuclear genomes of barley landraces sampled from Syria and Jordan. <i>Theoretical and Applied Genetics</i> , <b>2003</b> , 107, 413-21	6	37
134	How much effort is required to isolate nuclear microsatellites from plants?. <i>Molecular Ecology</i> , <b>2003</b> , 12, 1339-48	5.7	249
133	Development of EST-SSRs from the Alpine Lady-fern, <i>Athyrium distentifolium</i> . <i>Molecular Ecology Notes</i> , <b>2003</b> , 3, 287-290		30
132	Greenschist-facies metamorphism of the Burgess Shale and its implications for models of fossil formation and preservation. <i>Canadian Journal of Earth Sciences</i> , <b>2003</b> , 40, 13-25	1.5	48
131	Development and characterization of recombinant chromosome substitution lines (RCSLs) using <i>Hordeum vulgare</i> subsp. <i>spontaneum</i> as a source of donor alleles in a <i>Hordeum vulgare</i> subsp. <i>vulgare</i> background. <i>Genome</i> , <b>2003</b> , 46, 1010-23	2.4	109
130	Isolation of EST-derived microsatellite markers for genotyping the A and B genomes of wheat. <i>Theoretical and Applied Genetics</i> , <b>2002</b> , 104, 399-407	6	327
129	Constructing plant radiation hybrid panels. <i>Plant Journal</i> , <b>2002</b> , 31, 223-8	6.9	37
128	Microsatellites are preferentially associated with nonrepetitive DNA in plant genomes. <i>Nature Genetics</i> , <b>2002</b> , 30, 194-200	36.3	836



127	Increased pollen flow counteracts fragmentation in a tropical dry forest: an example from <i>Swietenia humilis</i> Zuccarini. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 2038-42	11.5	276
126	Phenotype/genotype associations for yield and salt tolerance in a barley mapping population segregating for two dwarfing genes. <i>Journal of Experimental Botany</i> , <b>2002</b> , 53, 1163-76	7	105
125	A representative, highly informative genotyping set of barley SSRs. <i>Theoretical and Applied Genetics</i> , <b>2001</b> , 102, 801-809	6	94
124	Wheat genomics. <i>Plant Physiology and Biochemistry</i> , <b>2001</b> , 39, 335-344	5.4	30
123	Assessment of genotypic variation among cultivated durum wheat based on EST-SSRS and genomic SSRS. <i>Euphytica</i> , <b>2001</b> , 119, 39-43	2.1	117
122	Levels and distribution of genetic diversity of coconut ( <i>Cocos nucifera</i> L., var. <i>Typica form typica</i> ) from Sri Lanka assessed by microsatellite markers. <i>Euphytica</i> , <b>2001</b> , 122, 381-389	2.1	28
121	Chloroplast microsatellites: new tools for studies in plant ecology and evolution. <i>Trends in Ecology and Evolution</i> , <b>2001</b> , 16, 142-147	10.9	472
120	Construction of a genetic linkage map for <i>Camellia sinensis</i> (tea). <i>Heredity</i> , <b>2000</b> , 85 Pt 4, 346-55	3.6	54
119	Patterns of variation at a mitochondrial sequence-tagged-site locus provides new insights into the postglacial history of European <i>Pinus sylvestris</i> populations. <i>Molecular Ecology</i> , <b>2000</b> , 9, 1205-11	5.7	115
118	A retrospective analysis of spring barley germplasm development from 'foundation genotypes' to currently successful cultivars. <i>Molecular Breeding</i> , <b>2000</b> , 6, 553-568	3.4	99
117	Assessment of Spirit Yield in Barley Breeding Lines. <i>Journal of the Institute of Brewing</i> , <b>2000</b> , 106, 53-58	2	7
116	Mapping quantitative and qualitative disease resistance genes in a doubled haploid population of barley ( <i>Hordeum vulgare</i> ). <i>Theoretical and Applied Genetics</i> , <b>2000</b> , 101, 580-589	6	107
115	Wild barley: a source of genes for crop improvement in the 21st century?. <i>Journal of Experimental Botany</i> , <b>2000</b> , 51, 9-17	7	192
114	Microsatellite repeats are not randomly distributed within Norway spruce ( <i>Picea abies</i> K.) expressed sequences. <i>Genome</i> , <b>2000</b> , 43, 41-46	2.4	52
113	Use of microsatellite DNA markers to investigate the level of genetic diversity and population genetic structure of coconut ( <i>Cocos nucifera</i> L.). <i>Genome</i> , <b>2000</b> , 43, 15-21	2.4	11
112	Microsatellite repeats are not randomly distributed within Norway spruce ( <i>Picea abies</i> K.) expressed sequences. <i>Genome</i> , <b>2000</b> , 43, 41-46	2.4	20
111	A simple sequence repeat-based linkage map of barley. <i>Genetics</i> , <b>2000</b> , 156, 1997-2005	4	461
110	Analysis of the genus <i>Zea</i> (Poaceae) using polymorphic chloroplast simple sequence repeats. <i>Plant Systematics and Evolution</i> , <b>1999</b> , 218, 245-256	1.3	18



109	Intimate association of microsatellite repeats with retrotransposons and other dispersed repetitive elements in barley. <i>Plant Journal</i> , <b>1999</b> , 17, 415-25	6.9	147
108	Genetic variation in the Afromontane tree <i>Prunus africana</i> , an endangered medicinal species. <i>Molecular Ecology</i> , <b>1999</b> , 8, 151-156	5.7	61
107	Polymorphic chloroplast simple sequence repeat primers for systematic and population studies in the genus <i>Hordeum</i> . <i>Molecular Ecology</i> , <b>1999</b> , 8, 505-11	5.7	120
106	Genetic variation of <i>Calycophyllum spruceanum</i> in the Peruvian Amazon Basin, revealed by amplified fragment length polymorphism (AFLP) analysis. <i>Molecular Ecology</i> , <b>1999</b> , 8, 199-204	5.7	63
105	Amplified fragment length polymorphism (AFLP) analysis of genetic variation in <i>Moringa oleifera</i> Lam. <i>Molecular Ecology</i> , <b>1999</b> , 8, 463-70	5.7	95
104	Genetic variation within a fragmented population of <i>swietenia humilis</i> zucc. <i>Molecular Ecology</i> , <b>1999</b> , 8, 1899-909	5.7	102
103	Using molecular markers to determine barleys most suitable for malt whisky distilling. <i>Molecular Breeding</i> , <b>1999</b> , 5, 103-109	3.4	30
102	An example of microsatellite length variation in the mitochondrial genome of conifers. <i>Genome</i> , <b>1999</b> , 42, 158-161	2.4	59
101	An extreme cytoplasmic bottleneck in the modern European cultivated potato ( <i>Solanum tuberosum</i> ) is not reflected in decreased levels of nuclear diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>1999</b> , 266, 633-639	4.4	63
100	A low mutation rate for chloroplast microsatellites. <i>Genetics</i> , <b>1999</b> , 153, 943-7	4	171
99	Identification and characterization of microsatellite loci in coconut ( <i>Cocos nucifera</i> L.) and the analysis of coconut populations in Sri Lanka. <i>Molecular Ecology</i> , <b>1999</b> , 8, 344-6	5.7	23
98	Identification of a QTL decreasing yield in barley linked to Mlo powdery mildew resistance. <i>Molecular Breeding</i> , <b>1998</b> , 4, 381-393	3.4	49
97	Evaluating genetic relationships between indigenous coconut ( <i>Cocos nucifera</i> L.) accessions from Sri Lanka by means of AFLP profiling. <i>Theoretical and Applied Genetics</i> , <b>1998</b> , 96, 545-50	6	94
96	A genetic linkage map of lentil ( <i>Lens</i> sp.) based on RAPD and AFLP markers using recombinant inbred lines. <i>Theoretical and Applied Genetics</i> , <b>1998</b> , 97, 83-89	6	107
95	High genetic differentiation among remnant populations of the endangered <i>Caesalpinia echinata</i> Lam. (Leguminosae:Caesalpinioideae). <i>Molecular Ecology</i> , <b>1998</b> , 7, 601-608	5.7	106
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88	AFLP variation in wild barley ( <i>Hordeum spontaneum</i> C. Koch) with reference to salt tolerance and associated ecogeography. <i>Genome</i> , <b>1997</b> , 40, 332-41	2.4	146
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86	An assessment of genetic diversity among <i>Camellia sinensis</i> L. (cultivated tea) and its wild relatives based on randomly amplified polymorphic DNA and organelle-specific STS. <i>Heredity</i> , <b>1997</b> , 78, 603-611	3.6	48
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82	Diversity and genetic differentiation among populations of Indian and Kenyan tea ( <i>Camellia sinensis</i> (L.) O. Kuntze) revealed by AFLP markers. <i>Theoretical and Applied Genetics</i> , <b>1997</b> , 94, 255-263	6	173
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72	Quantitative Trait Loci for Germination and Malting Quality Characters in a Spring Barley Cross. <i>Crop Science</i> , <b>1996</b> , 36, 265-273	2.4	78
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69	Microsatellite analysis of relationships within cultivated potato ( <i>Solanum tuberosum</i> ) <b>1996</b> , 92, 1078		15
68	Polymorphism revealed by simple sequence repeats. <i>Trends in Plant Science</i> , <b>1996</b> , 1, 215-222	13.1	903
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66	Analysis of intra-specific somatic hybrids of potato ( <i>Solanum tuberosum</i> ) using simple sequence repeats. <i>Plant Cell Reports</i> , <b>1996</b> , 16, 196-199	5.1	
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31	The effects of competitive interactions on variances and on seed germination in spring barley ( <i>Hordeum vulgare</i> ). <i>Heredity</i> , <b>1986</b> , 57, 331-334	3.6	6
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9	Interfering with regular meiotic behaviour in <i>Avena sativa</i> as a method of incorporating the gene for mildew resistance from <i>A. barbata</i> . <i>Euphytica</i> , <b>1980</b> , 29, 635-640	2.1	37
8	Germplasm diversity and genetics to drive plant breeding for Africa82-94		
7	Introduction to Classical Genetics and Plant Breeding		1
6	Origin Specific Genomic Selection: a simple process to optimize the favourable contribution of parents to progeny		2
5	An assessment of genetic diversity among <i>Camellia sinensis</i> L. (cultivated tea) and its wild relatives based on randomly amplified polymorphic DNA and organelle-specific STS		10
4	Analysis of quantitative traits in barley by the use of Amplified Fragment Length Polymorphisms		14
3	On the origin of photoperiod non-responsiveness in barley		2
2	Trends of genetic changes uncovered by Env- and Eigen-GWAS in wheat and barley		3

- 1 Contributions of DNA Molecular Marker Technologies to the Genetics and Breeding of Wheat and Barley 181-220