

Core collections: a practical approach to genetic resource

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Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Genetic structure of <i>Glycine canescens</i> , a perennial relative of soybean. <i>Theoretical and Applied Genetics</i> , 1990, 79, 729-736. | 1.8 | 28 |
| 2 | Allozyme and morphological variability, outcrossing rate and core collection formation in lentil germplasm. <i>Theoretical and Applied Genetics</i> , 1991, 83, 119-125. | 1.8 | 75 |
| 3 | Choosing rice germplasm for evaluation. <i>Euphytica</i> , 1991, 54, 147-154. | 0.6 | 24 |
| 4 | Human Impact on Plant Gene Pools and Sampling for Their Conservation. <i>Oikos</i> , 1992, 63, 109. | 1.2 | 21 |
| 5 | A proposed framework for identifying, quantifying, and utilizing plant germplasm resources. <i>Field Crops Research</i> , 1992, 29, 261-272. | 2.3 | 37 |
| 6 | Statistical genetic considerations for maintaining germ plasm collections. <i>Theoretical and Applied Genetics</i> , 1993, 86, 673-678. | 1.8 | 78 |
| 7 | Genotype x environment interactions in a core collection of French perennial ryegrass populations. <i>Theoretical and Applied Genetics</i> , 1993, 86, 731-736. | 1.8 | 22 |
| 8 | Isozyme polymorphism and geographic differentiation in a collection of French perennial ryegrass populations. <i>Genetic Resources and Crop Evolution</i> , 1993, 40, 77-89. | 0.8 | 26 |
| 9 | Cluster analysis of a world collection of red clover germplasm. <i>Genetic Resources and Crop Evolution</i> , 1993, 40, 39-47. | 0.8 | 35 |
| 10 | Evaluation of five strategies for obtaining a core subset from a large genetic resource collection of durum wheat. <i>Theoretical and Applied Genetics</i> , 1993, 87, 295-304. | 1.8 | 70 |
| 11 | Pedigree analysis for composing a core collection of modern cultivars, with examples from barley (<i>Hordeum vulgare</i> s. lat.). <i>Theoretical and Applied Genetics</i> , 1994, 88, 70-74. | 1.8 | 25 |
| 12 | Comparison of marker systems and construction of a core collection in a pedigree of European spring barley. <i>Theoretical and Applied Genetics</i> , 1994, 89-89, 991-997. | 1.8 | 23 |
| 13 | Practical considerations for maintaining germplasm in maize. <i>Theoretical and Applied Genetics</i> , 1994, 89, 89-95. | 1.8 | 33 |
| 14 | Application of isozyme data to the management of the United States national <i>Brassica oleracea</i> L. genetic resources collection. <i>Genetic Resources and Crop Evolution</i> , 1994, 41, 99-108. | 0.8 | 9 |
| 15 | Étude méthodologique de la conservation de ressources génétiques de ray-grass anglais (<i>Lolium perenne</i> L.). <i>Genetic Resources and Crop Evolution</i> , 1994, 41, 109-114. | 1.2 | 1 |
| 16 | Allozyme Diversity in a Germplasm Collection of <i>Theobroma cacao</i> L.. <i>Journal of Heredity</i> , 1994, 85, 291-295. | 1.0 | 25 |
| 17 | Polymerase chain reaction-based assays for the characterisation of plant genetic resources. <i>Electrophoresis</i> , 1995, 16, 1726-1730. | 1.3 | 47 |
| 18 | The use of geostatistics for sampling a core collection of perennial ryegrass populations. <i>Genetic Resources and Crop Evolution</i> , 1995, 42, 303-309. | 0.8 | 41 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Multiple-population versus hierarchical conifer breeding programs: a comparison of genetic diversity levels. <i>Theoretical and Applied Genetics</i> , 1995, 90, 584-594. | 1.8 | 22 |
| 20 | Use of RAPD for the study of diversity within plant germplasm collections. <i>Heredity</i> , 1995, 74, 170-179. | 1.2 | 173 |
| 21 | Varietal Differences and Geographical Distributions in the Growth of Mesocotyl and Internodes of Rice (<i>Oryza sativa</i> L.) Seedlings.. <i>Japanese Journal of Crop Science</i> , 1995, 64, 66-72. | 0.1 | 8 |
| 22 | Methods of developing a core collection of annual <i>Medicago</i> species. <i>Theoretical and Applied Genetics</i> , 1995, 90, 755-761. | 1.8 | 88 |
| 23 | Studies on South Asian okra collection: Methodology for establishing a representative core set using characterization data. <i>Genetic Resources and Crop Evolution</i> , 1996, 43, 249-255. | 0.8 | 20 |
| 24 | The principal component scoring: A new method of constituting a core collection using quantitative data. <i>Genetic Resources and Crop Evolution</i> , 1996, 43, 1-6. | 0.8 | 49 |
| 25 | Valorisation de la production de l'oignon en Afrique de l'Ouest par la gestion dynamique de ses ressources g n tiques. <i>Acta Botanica Gallica</i> , 1996, 143, 101-106. | 0.9 | 3 |
| 26 | WILD EMMER WHEAT IN JORDAN: III. A CORE COLLECTION. <i>Israel Journal of Plant Sciences</i> , 1997, 45, 45-51. | 0.3 | 1 |
| 27 | Computer-aided RAPD fingerprinting of accessions from the ryegrass-fescue complex. <i>Journal of Agricultural Science</i> , 1997, 129, 257-265. | 0.6 | 7 |
| 28 | Fruit component analysis of south Pacific coconut palm populations. <i>Genetic Resources and Crop Evolution</i> , 1997, 44, 327-335. | 0.8 | 24 |
| 29 | Title is missing!. <i>Euphytica</i> , 1997, 95, 27-38. | 0.6 | 3 |
| 30 | Title is missing!. <i>Euphytica</i> , 1997, 95, 325-338. | 0.6 | 77 |
| 31 | Evaluation of the extent of genetic variability among <i>Theobroma cacao</i> accessions using RAPD and RFLP markers. <i>Theoretical and Applied Genetics</i> , 1997, 95, 10-19. | 1.8 | 72 |
| 32 | Direct comparison of levels of genetic variation among barley accessions detected by RFLPs, AFLPs, SSRs and RAPDs. <i>Theoretical and Applied Genetics</i> , 1997, 95, 714-722. | 1.8 | 425 |
| 33 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 1998, 45, 271-277. | 0.8 | 53 |
| 34 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 1998, 45, 325-335. | 0.8 | 83 |
| 35 | The Spanish barley core collection. <i>Genetic Resources and Crop Evolution</i> , 1998, 45, 475-481. | 0.8 | 61 |
| 36 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 1998, 45, 127-133. | 0.8 | 44 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Comparison of different spatial strategies for sampling a core collection of natural populations of fodder crops. <i>Genetics Selection Evolution</i> , 1998, 30, 1. | 1.2 | 13 |
| 38 | Effects of quantitative and qualitative principal component score strategies on the structure of coffee, rubber tree, rice and sorghum core collections. <i>Genetics Selection Evolution</i> , 1998, 30, 1. | 1.2 | 11 |
| 39 | Sampling strategy for a core collection of Peruvian quinoa germplasm. <i>Theoretical and Applied Genetics</i> , 1998, 96, 475-483. | 1.8 | 145 |
| 40 | Classification of African plantain landraces and banana cultivars using a phenotypic distance index of quantitative descriptors. <i>Theoretical and Applied Genetics</i> , 1998, 96, 904-911. | 1.8 | 66 |
| 41 | An ecoregional analysis of morphological variation in British Columbia coastal strawberries (<i>Fragaria</i>) for germplasm protection. <i>Canadian Journal of Plant Science</i> , 1998, 78, 117-124. | 0.3 | 7 |
| 42 | A Method for the Efficient Management and Utilization of Large Germplasm Collections. <i>Crop Science</i> , 1999, 39, 1237-1242. | 0.8 | 76 |
| 43 | Validating a core collection of Peruvian quinoa germplasm. <i>Genetic Resources and Crop Evolution</i> , 1999, 46, 285-290. | 0.8 | 15 |
| 44 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 1999, 46, 273-284. | 0.8 | 67 |
| 45 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 1999, 46, 547-555. | 0.8 | 161 |
| 46 | The genetic structure and conservation of aus, aman and boro rices from Bangladesh. <i>Genetic Resources and Crop Evolution</i> , 1999, 46, 587-598. | 0.8 | 34 |
| 47 | Selecting a Peruvian sweetpotato core collection on the basis of morphological, eco-geographical, and disease and pest reaction data. <i>Theoretical and Applied Genetics</i> , 1999, 98, 840-844. | 1.8 | 88 |
| 48 | Genetic diversity among East Asian accessions of the barley core collection as revealed by six isozyme loci. <i>Theoretical and Applied Genetics</i> , 1999, 98, 1226-1233. | 1.8 | 23 |
| 49 | The potato genetic resources held in trust by the International Potato Center (CIP) in Peru. <i>Potato Research</i> , 1999, 42, 413-426. | 1.2 | 8 |
| 50 | Genetic diversity in tetraploid populations of the endangered daisy <i>Rutidosis leptorrhynchoides</i> and implications for its conservation. <i>Heredity</i> , 2000, 85, 122-129. | 1.2 | 35 |
| 51 | Title is missing!. <i>Euphytica</i> , 2000, 115, 91-104. | 0.6 | 57 |
| 52 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2000, 47, 371-383. | 0.8 | 37 |
| 53 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2000, 47, 471-482. | 0.8 | 67 |
| 54 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2000, 47, 403-416. | 0.8 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Title is missing!. Genetic Resources and Crop Evolution, 2000, 47, 1-9. | 0.8 | 34 |
| 56 | Development of an algorithm identifying maximally diverse core collections. Genetic Resources and Crop Evolution, 2000, 47, 515-526. | 0.8 | 77 |
| 57 | Title is missing!. Genetic Resources and Crop Evolution, 2000, 47, 659-665. | 0.8 | 80 |
| 58 | Assessment of genetic diversity in three subsets constituted from the ICRISAT sorghum collection using random vs non-random sampling procedures A. Using morpho-agronomical and passport data. Theoretical and Applied Genetics, 2000, 101, 190-196. | 1.8 | 37 |
| 59 | Assessment of Genetic Diversity in Three Subsets Constituted from the ICRISAT Sorghum Collection Using Random vs Non-Random Sampling Procedures B. Using molecular markers. Theoretical and Applied Genetics, 2000, 101, 197-202. | 1.8 | 56 |
| 60 | Methods of constructing core collections by stepwise clustering with three sampling strategies based on the genotypic values of crops. Theoretical and Applied Genetics, 2000, 101, 264-268. | 1.8 | 206 |
| 61 | Selecting a <i>Solanum tuberosum</i> subsp. <i>andigena</i> core collection using morphological, geographical, disease and pest descriptors. American Journal of Potato Research, 2000, 77, 183-190. | 0.5 | 60 |
| 62 | Pre-breeding: a link between genetic resources and maize breeding. Scientia Agricola, 2000, 57, 581-587. | 0.6 | 57 |
| 63 | Isozyme Analysis of Entire and Core Collections of <i>Solanum tuberosum</i> subsp. <i>andigena</i> Potato Cultivars. Crop Science, 2000, 40, 273-276. | 0.8 | 54 |
| 64 | Plant population genetics. , 2000, , 99-113. | | 12 |
| 65 | Seed Gene Bank Conservation. , 2000, , 82-91. | | 0 |
| 66 | Core Collection of Sorghum: I. Stratification Based on Eco-Geographical Data. Crop Science, 2001, 41, 234-240. | 0.8 | 61 |
| 67 | A Description and Interpretation of the NPGS Birdsfoot Trefoil Core Subset Collection. Crop Science, 2001, 41, 1968-1980. | 0.8 | 17 |
| 68 | A Core Collection for <i>Saccharum spontaneum</i> L. from the World Collection of Sugarcane. Crop Science, 2001, 41, 879-885. | 0.8 | 54 |
| 69 | Core Collection of Sorghum: II. Comparison of Three Random Sampling Strategies. Crop Science, 2001, 41, 241-246. | 0.8 | 56 |
| 70 | Development of a Chickpea Core Subset Using Geographic Distribution and Quantitative Traits. Crop Science, 2001, 41, 206-210. | 0.8 | 98 |
| 71 | Status of the <i>Arachis</i> Germplasm Collection at ICRISAT. Peanut Science, 2001, 28, 89-96. | 0.2 | 24 |
| 72 | Status of the <i>Arachis</i> Germplasm Collection in the United States. Peanut Science, 2001, 28, 84-89. | 0.2 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | A mini core subset for capturing diversity and promoting utilization of chickpea genetic resources in crop improvement. <i>Theoretical and Applied Genetics</i> , 2001, 102, 1292-1298. | 1.8 | 274 |
| 74 | Distribution of allozymic alleles and genetic diversity in the American Barley Core Collection. <i>Theoretical and Applied Genetics</i> , 2001, 102, 606-615. | 1.8 | 22 |
| 75 | Managing genebanks: seed base collection examined. <i>Genetic Resources and Crop Evolution</i> , 2001, 48, 321-328. | 0.8 | 1 |
| 76 | Title is missing!. , 2001, 48, 381-390. | | 38 |
| 77 | The Conservation of Wild Plant Species in Seed Banks. <i>BioScience</i> , 2001, 51, 960. | 2.2 | 129 |
| 78 | MSTRAT: An Algorithm for Building Germ Plasm Core Collections by Maximizing Allelic or Phenotypic Richness. , 2001, 92, 93-94. | | 208 |
| 79 | Developing a Mini Core of Peanut for Utilization of Genetic Resources. <i>Crop Science</i> , 2002, 42, 2150-2156. | 0.8 | 125 |
| 80 | The Modified Location Model for Classifying Genetic Resources. <i>Crop Science</i> , 2002, 42, 1719-1726. | 0.8 | 36 |
| 81 | The Modified Location Model for Classifying Genetic Resources. <i>Crop Science</i> , 2002, 42, 1727-1736. | 0.8 | 8 |
| 82 | Optimal sampling strategy and core collection size of Andean tetraploid potato based on isozyme data – a simulation study. <i>Theoretical and Applied Genetics</i> , 2002, 104, 1325-1334. | 1.8 | 77 |
| 83 | RFLP diversity and relationships among traditional European maize populations. <i>Theoretical and Applied Genetics</i> , 2002, 105, 91-99. | 1.8 | 46 |
| 84 | Assessment of genetic diversity within and between pearl millet landraces. <i>Theoretical and Applied Genetics</i> , 2002, 105, 666-673. | 1.8 | 43 |
| 85 | Genetic diversity and conservation and utilization of plant genetic resources. <i>Plant Cell, Tissue and Organ Culture</i> , 2002, 68, 1-19. | 1.2 | 341 |
| 86 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2002, 49, 67-74. | 0.8 | 29 |
| 87 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2002, 49, 167-174. | 0.8 | 65 |
| 88 | Title is missing!. <i>Euphytica</i> , 2002, 127, 327-333. | 0.6 | 12 |
| 89 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2002, 49, 463-470. | 0.8 | 26 |
| 90 | Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2003, 50, 139-148. | 0.8 | 130 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Analysis of potential duplicates in barley gene bank collections using re-sampling of microsatellite data. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1129-1138. | 1.8 | 60 |
| 92 | Phenotypic variation for agronomic characteristics in a groundnut core collection for Asia. <i>Field Crops Research</i> , 2003, 84, 359-371. | 2.3 | 28 |
| 93 | A strategy for selecting diverse accessions using Principal Component Analysis from a large germplasm collection of soybean. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2003, 1, 151-156. | 0.4 | 2 |
| 94 | Assessment of genetic diversity and identification of core collection in sandalwood germplasm using RAPDs. <i>Journal of Horticultural Science and Biotechnology</i> , 2003, 78, 528-536. | 0.9 | 30 |
| 95 | A Marker-Based Approach to Broadening the Genetic Base of Rice in the USA. <i>Crop Science</i> , 2004, 44, 1947-1959. | 0.8 | 80 |
| 96 | Sampling Strategies for Composing a Core Collection of Cultivated Barley (<i>Hordeum vulgare</i> s. lat.) Collected in China. <i>Hereditas</i> , 2004, 122, 7-17. | 0.5 | 19 |
| 97 | Characterization of natural orchardgrass (<i>Dactylis glomerata</i> L.) populations of the Thrace Region of Turkey based on ploidy and DNA polymorphisms. <i>Euphytica</i> , 2004, 135, 39-46. | 0.6 | 36 |
| 98 | Establishing a core collection of <i>Capsicum</i> using a cluster analysis with enlightened selection of accessions. <i>Genetic Resources and Crop Evolution</i> , 2004, 51, 147-151. | 0.8 | 57 |
| 99 | Methods of developing core collections based on the predicted genotypic value of rice (<i>Oryza sativa</i>) Tj ETQq0 0 0 reBT /Overlock 10 Tf | 1.8 | 30 |
| 100 | Breeding Hevea Rubber: Formal and Molecular Genetics. <i>Advances in Genetics</i> , 2004, 52, 51-115. | 0.8 | 61 |
| 101 | Geographic Patterns of RAPD Variation in Cultivated Flax. <i>Crop Science</i> , 2005, 45, 1084-1091. | 0.8 | 46 |
| 102 | Establishment of a Core Collection for the Chinese annual wild soybean (<i>Glycine Soja</i>). <i>Science Bulletin</i> , 2005, 50, 989. | 1.7 | 24 |
| 103 | Molecular genetic diversity within and among German ecotypes in comparison to European perennial ryegrass cultivars. <i>Plant Breeding</i> , 2005, 124, 257-262. | 1.0 | 40 |
| 104 | Variation in the Agronomic and Morphological Traits of Iranian Chickpea Accessions. <i>Journal of Integrative Plant Biology</i> , 2005, 47, 375-379. | 4.1 | 29 |
| 105 | Patterns of AFLP variation in a core subset of cultivated hexaploid oat germplasm. <i>Theoretical and Applied Genetics</i> , 2005, 111, 530-539. | 1.8 | 39 |
| 106 | Molecular characterization of genetic diversity in European germplasm of perennial ryegrass. <i>Euphytica</i> , 2005, 146, 39-44. | 0.6 | 21 |
| 107 | Development of Core Collection using Geographic Information and Morphological Descriptors in Safflower (<i>Carthamus tinctorius</i> L.) Germplasm. <i>Genetic Resources and Crop Evolution</i> , 2005, 52, 821-830. | 0.8 | 44 |
| 108 | Development of Core Collection in Pigeonpea [<i>Cajanus cajan</i> (L.) Millspaugh] using Geographic and Qualitative Morphological Descriptors. <i>Genetic Resources and Crop Evolution</i> , 2005, 52, 1049-1056. | 0.8 | 69 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Establishment of a core collection for maize germplasm preserved in Chinese National Genebank using geographic distribution and characterization data. <i>Genetic Resources and Crop Evolution</i> , 2005, 51, 845-852. | 0.8 | 56 |
| 110 | Rooting performance from leaf petioles of accessions and hybrids of wild <i>Arachis</i> species. <i>Scientia Agricola</i> , 2005, 62, 62-68. | 0.6 | 1 |
| 111 | Evaluation of information on genetic resources activities of some legumes in Ghana. <i>Ghana Medical Journal</i> , 2005, 36, 31. | 0.2 | 0 |
| 112 | Relationship between Origin and Genetic Diversity in Chinese Soybean Germplasm. <i>Crop Science</i> , 2005, 45, 1645-1652. | 0.8 | 28 |
| 113 | A Sampling Strategy for Conserving Genetic Diversity when Forming Core Subsets. <i>Crop Science</i> , 2005, 45, 1035-1044. | 0.8 | 92 |
| 114 | Identifying Areas for Field Conservation of Forages in Latin American Disturbed Environments. <i>Ecology and Society</i> , 2005, 10, . | 1.0 | 1 |
| 115 | Genetic Diversity and Population Structure of Teosinte. <i>Genetics</i> , 2005, 169, 2241-2254. | 1.2 | 182 |
| 116 | Geographical patterns of diversity for qualitative and quantitative traits in the pigeonpea germplasm collection. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2005, 3, 331-352. | 0.4 | 19 |
| 117 | Identification of diverse groundnut germplasm through multienvironment evaluation of a core collection for Asia. <i>Field Crops Research</i> , 2005, 93, 293-299. | 2.3 | 44 |
| 118 | Herbaceous Ornamental Plant Germplasm Conservation and Use. , 2007, , 113-175. | | 2 |
| 119 | Flower Breeding and Genetics. , 2006, , . | | 72 |
| 120 | Progress in development of spotted medic (<i>Medicago arabica</i> L. Huds.) for Mediterranean farming systems. <i>Australian Journal of Agricultural Research</i> , 2006, 57, 447. | 1.5 | 4 |
| 121 | Genetic variation among Spanish pea landraces revealed by Inter Simple Sequence Repeat (ISSR) markers: its application to establish a core collection. <i>Journal of Agricultural Science</i> , 2006, 144, 53-61. | 0.6 | 13 |
| 122 | Sampling Strategies for Conserving Maize Diversity When Forming Core Subsets Using Genetic Markers. <i>Crop Science</i> , 2006, 46, 854-864. | 0.8 | 80 |
| 123 | Identification of Sources of Multiple Disease Resistance in Mini-core Collection of Chickpea. <i>Plant Disease</i> , 2006, 90, 1214-1218. | 0.7 | 72 |
| 124 | Leafing through the genomes of our major crop plants: strategies for capturing unique information. <i>Nature Reviews Genetics</i> , 2006, 7, 174-184. | 7.7 | 82 |
| 125 | Establishment of Chinese soybean <i>Glycine max</i> core collections with agronomic traits and SSR markers. <i>Euphytica</i> , 2006, 151, 215-223. | 0.6 | 71 |
| 126 | Optimum Sample Size for Estimating Gene Diversity in Wild Wheat using AFLP Markers. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 23-33. | 0.8 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Sampling a Core Collection of Island Cotton (<i>Gossypium barbadense</i> L.) Based on the Genotypic Values of Fiber Traits. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 515-521. | 0.8 | 29 |
| 128 | Development of Core Subset of Finger Millet Germplasm Using Geographical Origin and Data on 14 Quantitative Traits. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 679-685. | 0.8 | 104 |
| 129 | Genetic Diversity and Relationships of Wheat Landraces from Oman Investigated with SSR Markers. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 1351-1360. | 0.8 | 43 |
| 130 | Constituting a Core Collection of <i>Saccharum spontaneum</i> L. and Comparison of Three Stratified Random Sampling Procedures. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 1563-1572. | 0.8 | 24 |
| 131 | Genetic diversity within <i>Oryza rufipogon</i> germplasms preserved in Chinese field gene banks of wild rice as revealed by microsatellite markers. <i>Biodiversity and Conservation</i> , 2006, 15, 4059-4077. | 1.2 | 13 |
| 132 | Genetic Diversity and Core Collection Evaluations in Common Wheat Germplasm from the Northwestern Spring Wheat Region in China. <i>Molecular Breeding</i> , 2006, 17, 69-77. | 1.0 | 77 |
| 133 | Molecular characterization of a collection of the tropical multipurpose shrub legume <i>Flemingia macrophylla</i> . <i>Agroforestry Systems</i> , 2006, 68, 231-245. | 0.9 | 6 |
| 134 | SSR analysis of the <i>Medicago truncatula</i> SARDI core collection reveals substantial diversity and unusual genotype dispersal throughout the Mediterranean basin. <i>Theoretical and Applied Genetics</i> , 2006, 112, 977-983. | 1.8 | 69 |
| 135 | Genetic analysis of the cultivated potato <i>Solanum tuberosum</i> L. Phureja Group using RAPDs and nuclear SSRs. <i>Theoretical and Applied Genetics</i> , 2006, 113, 1515-1527. | 1.8 | 106 |
| 136 | Genetic diversity in Chinese modern wheat varieties revealed by microsatellite markers. <i>Science in China Series C: Life Sciences</i> , 2006, 49, 218-226. | 1.3 | 36 |
| 137 | Microsatellite diversity and broad scale geographic structure in a model legume: building a set of nested core collection for studying naturally occurring variation in <i>Medicago truncatula</i> . <i>BMC Plant Biology</i> , 2006, 6, 28. | 1.6 | 107 |
| 138 | Methodology to establish a composite collection: case study in lentil. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2006, 4, 2-12. | 0.4 | 15 |
| 139 | Genetic Diversity of Chinese Cultivated Soybean Revealed by SSR Markers. <i>Crop Science</i> , 2006, 46, 1032-1038. | 0.8 | 108 |
| 140 | Applications of molecular markers to the genetic improvement of <i>Camellia sinensis</i> L. (tea) – A review. <i>Journal of Horticultural Science and Biotechnology</i> , 2007, 82, 161-169. | 0.9 | 10 |
| 141 | Cowpea [<i>Vigna unguiculata</i> (L.) Walp.] core collection defined by geographical, agronomical and botanical descriptors. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2007, 5, 113-119. | 0.4 | 48 |
| 142 | DEVELOPMENT OF PRIMARY CORE COLLECTION FOR <i>DIOSPYROS KAKI</i> THUNB. BY STEPWISE CLUSTERING. <i>Acta Horticulturae</i> , 2007, , 69-75. | 0.1 | 7 |
| 143 | Assessment on Evaluating Parameters of Rice Core Collections Constructed by Genotypic Values and Molecular Marker Information. <i>Rice Science</i> , 2007, 14, 101-110. | 1.7 | 17 |
| 144 | Genomics-Assisted Crop Improvement. , 2007, , . | | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 146 | Rubber. , 2007, , 143-174. | | 0 |
| 147 | PowerCore: a program applying the advanced M strategy with a heuristic search for establishing core sets. <i>Bioinformatics</i> , 2007, 23, 2155-2162. | 1.8 | 248 |
| 148 | The Molecularization of Public Sector Crop Breeding: Progress, Problems, and Prospects. <i>Advances in Agronomy</i> , 2007, , 163-318. | 2.4 | 121 |
| 149 | Landmark research in legumes. <i>Genome</i> , 2007, 50, 525-537. | 0.9 | 83 |
| 150 | Molecular Characterization of the U.S. Peanut Mini Core Collection Using Microsatellite Markers. <i>Crop Science</i> , 2007, 47, 1718-1727. | 0.8 | 48 |
| 151 | Development and Evaluation of a Core Subset of the USDA Rice Germplasm Collection. <i>Crop Science</i> , 2007, 47, 869-876. | 0.8 | 103 |
| 152 | Genetic distance sampling: a novel sampling method for obtaining core collections using genetic distances with an application to cultivated lettuce. <i>Theoretical and Applied Genetics</i> , 2007, 114, 421-428. | 1.8 | 68 |
| 153 | Microsatellite variation in <i>Avena sterilis</i> oat germplasm. <i>Theoretical and Applied Genetics</i> , 2007, 114, 1029-1038. | 1.8 | 31 |
| 154 | Bayesian association mapping of multiple quantitative trait loci and its application to the analysis of genetic variation among <i>Oryza sativa</i> L. germplasms. <i>Theoretical and Applied Genetics</i> , 2007, 114, 1437-1449. | 1.8 | 47 |
| 155 | A strategy on constructing core collections by least distance stepwise sampling. <i>Theoretical and Applied Genetics</i> , 2007, 115, 1-8. | 1.8 | 71 |
| 156 | Establishment of a pearl millet [<i>Pennisetum glaucum</i> (L.) R. Br.] core collection based on geographical distribution and quantitative traits. <i>Euphytica</i> , 2007, 155, 35-45. | 0.6 | 77 |
| 157 | Phenotypic diversity in the pigeonpea (<i>Cajanus cajan</i>) core collection. <i>Genetic Resources and Crop Evolution</i> , 2007, 54, 1167-1184. | 0.8 | 41 |
| 158 | Analysis of the contribution of Mesoamerican and Andean gene pools to European common bean (<i>Phaseolus vulgaris</i> L.) germplasm and strategies to establish a core collection. <i>Genetic Resources and Crop Evolution</i> , 2007, 54, 1763-1779. | 0.8 | 63 |
| 159 | Genetic diversity in red clover (<i>Trifolium pratense</i> L.) revealed by morphological and microsatellite (SSR) markers. <i>Euphytica</i> , 2008, 160, 189-205. | 0.6 | 83 |
| 160 | Worldwide genotyping of castor bean germplasm (<i>Ricinus communis</i> L.) using AFLPs and SSRs. <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 365-378. | 0.8 | 90 |
| 161 | Univariate and multivariate analysis performed on bio-agronomical traits of <i>Cucumis melo</i> L. germplasm. <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 511-522. | 0.8 | 17 |
| 162 | Assessment and rationalization of genetic diversity of Papua New Guinea taro (<i>Colocasia esculenta</i>) using SSR DNA fingerprinting. <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 811-822. | 0.8 | 21 |
| 163 | Recovery, morphological and molecular characterization of globe artichoke "Romanesco" landraces. <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 823-833. | 0.8 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 164 | Genetic diversity and construction of core collection in Chinese wheat genetic resources. <i>Science Bulletin</i> , 2008, 53, 1518-1526. | 4.3 | 95 |
| 165 | Comparison of different methods to construct a core germplasm collection in woody perennial species with simple sequence repeat markers. A case study in cherimoya (<i>Annona cherimola</i> L.). <i>Trends in Plant Science</i> , 2008, 13, 114-117. | 1.0 | 84 |
| 166 | Genetic structure, diversity, and allelic richness in composite collection and reference set in chickpea (<i>Cicer arietinum</i> L.). <i>BMC Plant Biology</i> , 2008, 8, 106. | 1.6 | 170 |
| 167 | Assessment of different genetic distances in constructing cotton core subset by genotypic values. <i>Journal of Zhejiang University: Science B</i> , 2008, 9, 356-362. | 1.3 | 11 |
| 168 | Constructing a Core Collection for Maize (<i>Zea mays</i> L.) Landrace from Wuling Mountain Region in China. <i>Agricultural Sciences in China</i> , 2008, 7, 1423-1432. | 0.6 | 9 |
| 169 | Development of core subset for the collection of Chinese cultivated eggplants using morphological-based passport data. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2008, 6, 33-40. | 0.4 | 13 |
| 170 | Rice 2020: A Call For An International Coordinated Effort In Rice Functional Genomics. <i>Molecular Plant</i> , 2008, 1, 715-719. | 3.9 | 104 |
| 171 | Developing a Core Collection of Peanut Specific to Valencia Market Type. <i>Crop Science</i> , 2008, 48, 625-632. | 0.8 | 26 |
| 172 | Strategies For Sustainable Conservation And Use Of Legume Genetic Resources In Ghana. <i>Journal of Science and Technology (Ghana)</i> , 2008, 47, . | 0.4 | 1 |
| 173 | Strategies for developing a core collection of bladder clover (<i>Trifolium spumosum</i> L.) using ecological and agro-morphological data. <i>Australian Journal of Agricultural Research</i> , 2008, 59, 1103. | 1.5 | 23 |
| 174 | DNA polymorphism in genetic resources of red pepper using microsatellite markers. <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2009, 36, 127-132. | 0.3 | 19 |
| 175 | Development of a Brazilian maize core collection. <i>Genetics and Molecular Biology</i> , 2009, 32, 538-545. | 0.6 | 13 |
| 176 | Selection of Stratified Core Sets Representing Wild Apple (<i>Malus sieversii</i>). <i>Journal of the American Society for Horticultural Science</i> , 2009, 134, 228-235. | 0.5 | 34 |
| 177 | Genetic Assessment of a Mini-Core Subset Developed from the USDA Rice Genebank. <i>Crop Science</i> , 2009, 49, 1336-1346. | 0.8 | 123 |
| 178 | Breeding Hevea Rubber. , 2009, , 469-522. | | 31 |
| 179 | Core Hunter: an algorithm for sampling genetic resources based on multiple genetic measures. <i>BMC Bioinformatics</i> , 2009, 10, 243. | 1.2 | 138 |
| 180 | Microsatellite marker-mediated analysis of the EMBRAPA Rice Core Collection genetic diversity. <i>Genetica</i> , 2009, 137, 293-304. | 0.5 | 49 |
| 181 | Development of SSR-based sorghum (<i>Sorghum bicolor</i> (L.) Moench) diversity research set of germplasm and its evaluation by morphological traits. <i>Genetic Resources and Crop Evolution</i> , 2009, 56, 809-827. | 0.8 | 78 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 182 | Genetic diversity of wild soybean (<i>Glycine soja</i> Sieb. et Zucc.) and Japanese cultivated soybeans [<i>G. max</i> (L.) Merr.] based on microsatellite (SSR) analysis and the selection of a core collection. <i>Genetic Resources and Crop Evolution</i> , 2009, 56, 1045-1055. | 0.8 | 45 |
| 183 | Molecular characterization of an international cacao collection using microsatellite markers. <i>Tree Genetics and Genomes</i> , 2009, 5, 1-10. | 0.6 | 47 |
| 184 | Genetic diversity, seed size associations and population structure of a core collection of common beans (<i>Phaseolus vulgaris</i> L.). <i>Theoretical and Applied Genetics</i> , 2009, 119, 955-972. | 1.8 | 158 |
| 185 | Development of a Core Set from a Large Rice Collection using a Modified Heuristic Algorithm to Retain Maximum Diversity. <i>Journal of Integrative Plant Biology</i> , 2009, 51, 1116-1125. | 4.1 | 16 |
| 186 | <i>Review: Sampling Weedy and Invasive Plant Populations for Genetic Diversity Analysis.</i> <i>Weed Science</i> , 2009, 57, 593-602. | 0.8 | 30 |
| 187 | Breeding Plantation Tree Crops: Tropical Species. , 2009, , . | | 44 |
| 188 | Development of Japanese Persimmon Core Collection by Genetic Distance Sampling Based on SSR Markers. <i>Biotechnology and Biotechnological Equipment</i> , 2009, 23, 1474-1478. | 0.5 | 14 |
| 189 | Method of Constructing Core Collection for <i>Malus sieversii</i> in Xinjiang, China Using Molecular Markers. <i>Agricultural Sciences in China</i> , 2009, 8, 276-284. | 0.6 | 12 |
| 190 | Genetic Diversity in a Core Collection Established from the Main Bean Genebank in Spain. <i>Crop Science</i> , 2009, 49, 1377-1386. | 0.8 | 26 |
| 191 | Variation in Adzuki Bean (<i>Vigna angularis</i>) Germplasm Grown in China. <i>Crop Science</i> , 2009, 49, 771-782. | 0.8 | 10 |
| 192 | Simple Sequence Repeat Polymorphisms (SSRPs) for Evaluation of Molecular Diversity and Germplasm Classification of Minor Crops. <i>Molecules</i> , 2009, 14, 4546-4569. | 1.7 | 124 |
| 193 | SNP discovery at candidate genes for drought responsiveness in rice. , 2009, , 311-324. | | 1 |
| 195 | Developing a Mini Core Collection of Sorghum for Diversified Utilization of Germplasm. <i>Crop Science</i> , 2009, 49, 1769-1780. | 0.8 | 149 |
| 196 | Development of a Core Set in Brinjal (<i>Solanum melongena</i> L.). <i>Crop Science</i> , 2010, 50, 755-762. | 0.8 | 11 |
| 197 | Developing a Mini Core Collection in Finger Millet Using Multilocation Data. <i>Crop Science</i> , 2010, 50, 1924-1931. | 0.8 | 49 |
| 198 | MOLECULAR MARKERS FOR GERMPLASM IDENTIFICATION AND CHARACTERIZATION. <i>Acta Horticulturae</i> , 2010, , 59-72. | 0.1 | 14 |
| 199 | Resistance to Grain Mold and Downy Mildew in a Mini-Core Collection of Sorghum Germplasm. <i>Plant Disease</i> , 2010, 94, 439-444. | 0.7 | 55 |
| 200 | Empirical Niche Modelling of the Spontaneous Diversity of Forage and Turf Species to Improve Collection and Ex Situ Conservation. , 2010, , 29-40. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 201 | Carotenoid biosynthesis genes provide evidence of geographical subdivision and extensive linkage disequilibrium in the carrot. <i>Theoretical and Applied Genetics</i> , 2010, 121, 659-672. | 1.8 | 32 |
| 202 | Development of an allele-mining set in rice using a heuristic algorithm and SSR genotype data with least redundancy for the post-genomic era. <i>Molecular Breeding</i> , 2010, 26, 639-651. | 1.0 | 36 |
| 203 | Genotypic and phenotypic characterization of genetic differentiation and diversity in the USDA rice mini-core collection. <i>Genetica</i> , 2010, 138, 1221-1230. | 0.5 | 76 |
| 204 | More genomic resources for less-studied crops. <i>Trends in Biotechnology</i> , 2010, 28, 452-460. | 4.9 | 135 |
| 205 | Extracting samples of high diversity from thematic collections of large gene banks using a genetic-distance based approach. <i>BMC Plant Biology</i> , 2010, 10, 127. | 1.6 | 21 |
| 206 | Allele mining in crops: Prospects and potentials. <i>Biotechnology Advances</i> , 2010, 28, 451-461. | 6.0 | 123 |
| 207 | ISSR-based genetic diversity of <i>Jatropha curcas</i> germplasm in China. <i>Biomass and Bioenergy</i> , 2010, 34, 1739-1750. | 2.9 | 46 |
| 208 | Analysis of the morphological attributes of a sweetpotato collection. <i>Annals of Applied Biology</i> , 2010, 157, 273-281. | 1.3 | 9 |
| 209 | Status of the Global Cotton Germplasm Resources. <i>Crop Science</i> , 2010, 50, 1161-1179. | 0.8 | 115 |
| 210 | Geographic Description of Genetic Diversity and Relationships in the USDA Rice World Collection. <i>Crop Science</i> , 2010, 50, 2406-2417. | 0.8 | 22 |
| 211 | Microsatellite Marker Characterization of Chilean Common Bean (<i>Phaseolus vulgaris</i> L.) Germplasm. <i>Crop Science</i> , 2010, 50, 1932-1941. | 0.8 | 16 |
| 213 | Analysis of genetic diversity and morphological traits of Japanese Lotus japonicus for establishment of a core collection. <i>Breeding Science</i> , 2010, 60, 436-446. | 0.9 | 10 |
| 217 | A single origin and moderate bottleneck during domestication of soybean (<i>Glycine max</i>): implications from microsatellites and nucleotide sequences. <i>Annals of Botany</i> , 2010, 106, 505-514. | 1.4 | 119 |
| 218 | Establishing a soybean germplasm core collection. <i>Field Crops Research</i> , 2010, 119, 277-289. | 2.3 | 67 |
| 219 | <i>Hordeum</i> . , 2011, , 309-319. | | 12 |
| 220 | Assessing Genetic Structure and Relatedness of Jerusalem Artichoke (<i>Helianthus) Tj ETQq1 1 0.784314 rgBT /Overl... <i>Plant Sciences</i> , 2011, 02, 753-764. | 0.3 | 10 |
| 221 | The worldwide utilization of the Chinese soybean germplasm collection. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2011, 9, 109-122. | 0.4 | 29 |
| 222 | Construction and evaluation of a primary core collection of apricot germplasm in China. <i>Scientia Horticulturae</i> , 2011, 128, 311-319. | 1.7 | 39 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 223 | Strategies on Sample Size Determination and Qualitative and Quantitative Traits Integration to Construct Core Collection of Rice (<i>Oryza sativa</i>). <i>Rice Science</i> , 2011, 18, 46-55. | 1.7 | 33 |
| 224 | AMaCAID: a useful tool for Accurate Marker Choice for Accession Identification and Discrimination. <i>Molecular Ecology Resources</i> , 2011, 11, 733-738. | 2.2 | 14 |
| 225 | THE DEFINITION OF THE EUROPEAN ALMOND CORE COLLECTION. <i>Acta Horticulturae</i> , 2011, , 445-448. | 0.1 | 3 |
| 226 | Strategies for the Development of Core Collections Based on Ecogeographical Data. <i>Crop Science</i> , 2011, 51, 656-666. | 0.8 | 5 |
| 227 | Developing proso millet (<i>Panicum miliaceum</i> L.) core collection using geographic and morpho-agronomic data. <i>Crop and Pasture Science</i> , 2011, 62, 383. | 0.7 | 43 |
| 228 | Molecular genetic diversity and population structure of a selected core set in garlic and its relatives using novel SSR markers. <i>Plant Breeding</i> , 2011, 130, 46-54. | 1.0 | 53 |
| 229 | Legume genetic resources: management, diversity assessment, and utilization in crop improvement. <i>Euphytica</i> , 2011, 180, 27-47. | 0.6 | 47 |
| 230 | Population structure in sorghum accessions from West Africa differing in race and maturity class. <i>Genetica</i> , 2011, 139, 453-463. | 0.5 | 19 |
| 231 | Genetic structure and core collection of the World Olive Germplasm Bank of Marrakech: towards the optimised management and use of Mediterranean olive genetic resources. <i>Genetica</i> , 2011, 139, 1083-1094. | 0.5 | 132 |
| 232 | Molecular evidence of genetic diversity changes in pea (<i>Pisum sativum</i> L.) germplasm after long-term maintenance. <i>Genetic Resources and Crop Evolution</i> , 2011, 58, 439-451. | 0.8 | 28 |
| 233 | A core collection and mini core collection of <i>Oryza sativa</i> L. in China. <i>Theoretical and Applied Genetics</i> , 2011, 122, 49-61. | 1.8 | 197 |
| 234 | Determination of genetic structure of germplasm collections: are traditional hierarchical clustering methods appropriate for molecular marker data?. <i>Theoretical and Applied Genetics</i> , 2011, 123, 195-205. | 1.8 | 103 |
| 235 | Genetic diversity of nine faba bean (<i>Vicia faba</i> L.) populations revealed by isozyme markers. <i>Genes and Genomics</i> , 2011, 33, 31-38. | 0.5 | 14 |
| 236 | Establishment of core collection for Chinese tea germplasm based on cultivated region grouping and phenotypic data. <i>Frontiers of Agriculture in China</i> , 2011, 5, 344-350. | 0.2 | 11 |
| 237 | Genetic and genomic resources of lentil: status, use and prospects. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2011, 9, 19-29. | 0.4 | 39 |
| 238 | Morphological Traits of <i>Lotus japonicus</i> (Regal) Ecotypes Collected in Japan. <i>Interdisciplinary Bio Central</i> , 2011, 3, 4.1-4.7. | 0.1 | 8 |
| 239 | Evaluation and Validation of Ecogeographical Core Collections using Phenotypic Data. <i>Crop Science</i> , 2011, 51, 694-703. | 0.8 | 3 |
| 240 | Pigeonpea composite collection and identification of germplasm for use in crop improvement programmes. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2011, 9, 97-108. | 0.4 | 35 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 241 | Population Structure and Diversity in Valencia Peanut Germplasm Collection. <i>Crop Science</i> , 2011, 51, 1089-1100. | 0.8 | 7 |
| 242 | Genetic Structure in a Core Subset of Cultivated Barley Germplasm. <i>Crop Science</i> , 2012, 52, 1195-1208. | 0.8 | 3 |
| 243 | Worldwide Core Collection of Olive Cultivars Based on Simple Sequence Repeat and Morphological Markers. <i>Crop Science</i> , 2012, 52, 211-221. | 0.8 | 73 |
| 244 | An Assessment of Raffinose Family Oligosaccharides and Sucrose Concentration in Genus <i>Lens</i> . <i>Crop Science</i> , 2012, 52, 1713-1720. | 0.8 | 17 |
| 245 | Phenotyping Chickpeas and Pigeonpeas for Adaptation to Drought. <i>Frontiers in Physiology</i> , 2012, 3, 179. | 1.3 | 60 |
| 246 | Establishment of a cassava (<i>Manihot esculenta</i> Crantz) core collection based on agro-morphological descriptors. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2012, 10, 119-127. | 0.4 | 12 |
| 247 | Sequence variations in OsAGPase significantly associated with amylose content and viscosity properties in rice (<i>Oryza sativa</i> L.). <i>Genetical Research</i> , 2012, 94, 179-189. | 0.3 | 23 |
| 248 | Relative efficiency of morphological characters and molecular markers in the establishment of an apricot core collection. <i>Hereditas</i> , 2012, 149, 163-172. | 0.5 | 24 |
| 249 | Molecular diversity, genetic structure and mating system of <i>Calopogonium mucunoides</i> Desv.. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 1449-1464. | 0.8 | 7 |
| 250 | Genetic structure and diversity of India hybrid tea. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 1527-1541. | 0.8 | 46 |
| 251 | Chinese <i>Cornus officinalis</i> : genetic resources, genetic diversity and core collection. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 1659-1671. | 0.8 | 16 |
| 252 | Trends in genomics and molecular marker systems for the development of some underutilized crops. <i>Genes and Genomics</i> , 2012, 34, 451-466. | 0.5 | 12 |
| 253 | The strategic importance of applied tree conservation programs to the forest industry in South Africa. <i>Southern Forests</i> , 2012, 74, 1-6. | 0.2 | 13 |
| 254 | Differential growth response and carbohydrate metabolism of global collection of perennial ryegrass accessions to submergence and recovery following de-submergence. <i>Journal of Plant Physiology</i> , 2012, 169, 1040-1049. | 1.6 | 30 |
| 255 | Core Hunter II: fast core subset selection based on multiple genetic diversity measures using Mixed Replica search. <i>BMC Bioinformatics</i> , 2012, 13, 312. | 1.2 | 52 |
| 256 | Genetic diversity in <i>Capsicum baccatum</i> significantly influenced by its ecogeographical distribution. <i>BMC Genetics</i> , 2012, 13, 68. | 2.7 | 31 |
| 257 | Genetic Diversity in A Core Subset of Wild Barley Germplasm. <i>Diversity</i> , 2012, 4, 239-257. | 0.7 | 12 |
| 258 | Analysis of an Applied Core Collection of Adzuki Bean Germplasm by Using SSR Markers. <i>Journal of Integrative Agriculture</i> , 2012, 11, 1601-1609. | 1.7 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 259 | Rice functional genomics research: Progress and implications for crop genetic improvement. <i>Biotechnology Advances</i> , 2012, 30, 1059-1070. | 6.0 | 100 |
| 260 | Developing a core collection of litchi (<i>Litchi chinensis</i> Sonn.) based on EST-SSR genotype data and agronomic traits. <i>Scientia Horticulturae</i> , 2012, 146, 29-38. | 1.7 | 23 |
| 261 | Advances in genetics and molecular breeding of three legume crops of semi-arid tropics using next-generation sequencing and high-throughput genotyping technologies. <i>Journal of Biosciences</i> , 2012, 37, 811-820. | 0.5 | 68 |
| 263 | Groundnut. , 2012, , 323-395. | | 3 |
| 264 | Genetic diversity assessment of sesame core collection in China by phenotype and molecular markers and extraction of a mini-core collection. <i>BMC Genetics</i> , 2012, 13, 102. | 2.7 | 55 |
| 265 | Technological Innovations in Major World Oil Crops, Volume 1. , 2012, , . | | 21 |
| 266 | Genetic Characterization of Global Rice Germplasm for Sustainable Agriculture. , 0, , . | | 1 |
| 267 | Morphological evaluation of 108 strawberry cultivars “ and consequences for the use of descriptors. <i>Journal of Berry Research</i> , 2012, 2, 191-206. | 0.7 | 11 |
| 268 | Assessment and Utilization of the Genetic Diversity in Rice (<i>Oryza sativa</i> L.). , 0, , . | | 0 |
| 269 | Genetic diversity, population structure and genome-wide marker-trait association analysis emphasizing seed nutrients of the USDA pea (<i>Pisum sativum</i> L.) core collection. <i>Genes and Genomics</i> , 2012, 34, 305-320. | 0.5 | 69 |
| 270 | Retention of agronomically important variation in germplasm core collections: implications for allele mining. <i>Theoretical and Applied Genetics</i> , 2012, 124, 1155-1171. | 1.8 | 48 |
| 271 | Genetic diversity and population structure of <i>Capsicum baccatum</i> genetic resources. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 517-538. | 0.8 | 49 |
| 272 | Developing a core collection of olive (<i>Olea europaea</i> L.) based on molecular markers (DArTs, SSRs,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0.6 241 | | |
| 273 | Efficiency of P<sc>ower</sc>C<sc>ore</sc> in core set development using amplified fragment length polymorphic markers in mungbean. <i>Plant Breeding</i> , 2012, 131, 110-117. | 1.0 | 21 |
| 274 | Advances in <i>Arachis</i> genomics for peanut improvement. <i>Biotechnology Advances</i> , 2012, 30, 639-651. | 6.0 | 258 |
| 275 | A platform for soybean molecular breeding: the utilization of core collections for food security. <i>Plant Molecular Biology</i> , 2013, 83, 41-50. | 2.0 | 76 |
| 276 | Comparison of Different Approaches to Establish a Core Collection of <i>Andigena</i> (<i>Solanum tuberosum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 1.2 8 | | |
| 277 | Genetic diversity and sampling strategy of <i>Scutellaria baicalensis</i> germplasm resources based on ISSR. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1673-1685. | 0.8 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 278 | Microsatellite-aided detection of genetic redundancy improves management of the International Cocoa Genebank, Trinidad. <i>Tree Genetics and Genomes</i> , 2013, 9, 1395-1411. | 0.6 | 22 |
| 279 | High genetic diversity of in situ and ex situ populations of Madagascan coffee species: further implications for the management of coffee genetic resources. <i>Tree Genetics and Genomes</i> , 2013, 9, 1295-1312. | 0.6 | 9 |
| 280 | Development of a core collection of Triticum and Aegilops species for improvement of wheat for activity against chronic diseases. <i>Agriculture and Food Security</i> , 2013, 2, . | 1.6 | 4 |
| 281 | Chickpea. , 2013, , 81-111. | | 16 |
| 282 | Assembling a core collection from the flax world collection maintained by Plant Gene Resources of Canada. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1479-1485. | 0.8 | 74 |
| 283 | Assessment of phenotypic variation of Malus orientalis in the North Caucasus region. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1463-1477. | 0.8 | 23 |
| 284 | Quality of core collections for effective utilisation of genetic resources review, discussion and interpretation. <i>Theoretical and Applied Genetics</i> , 2013, 126, 289-305. | 1.8 | 134 |
| 285 | On the origin of sweet potato (<i>Ipomoea batatas</i> (L.) Lam.) genetic diversity in New Guinea, a secondary centre of diversity. <i>Heredity</i> , 2013, 110, 594-604. | 1.2 | 48 |
| 286 | Tropical and Subtropical Root and Tuber Crops. , 2013, , 249-292. | | 2 |
| 287 | Maximizing genetic differentiation in core collections by PCA-based clustering of molecular marker data. <i>Theoretical and Applied Genetics</i> , 2013, 126, 763-772. | 1.8 | 20 |
| 288 | Genotype Imputation Reference Panel Selection Using Maximal Phylogenetic Diversity. <i>Genetics</i> , 2013, 195, 319-330. | 1.2 | 24 |
| 289 | Phenotypic evaluation of the Chinese mini-mini core collection of peanut (<i>Arachis hypogaea</i> L.) and assessment for resistance to bacterial wilt disease caused by <i>Ralstonia solanacearum</i> . <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2013, 11, 77-83. | 0.4 | 11 |
| 290 | Microsatellite analysis to rationalize grape germplasm in India and development of a molecular database. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2013, 11, 225-233. | 0.4 | 7 |
| 291 | Molecular characterization of oil palm <i>Elaeis guineensis</i> Jacq. materials from Cameroon. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2013, 11, 140-148. | 0.4 | 10 |
| 292 | Creation and Validation of the Spanish Durum Wheat Core Collection. <i>Crop Science</i> , 2013, 53, 2530-2537. | 0.8 | 19 |
| 293 | Strengthening the impact of plant genetic resources through collaborative collection, conservation, characterisation, and evaluation: a tribute to the legacy of Dr Clive Francis. <i>Crop and Pasture Science</i> , 2013, 64, 300. | 0.7 | 8 |
| 294 | The FIGS (Focused Identification of Germplasm Strategy) Approach Identifies Traits Related to Drought Adaptation in <i>Vicia faba</i> Genetic Resources. <i>PLoS ONE</i> , 2013, 8, e63107. | 1.1 | 138 |
| 295 | Comparing the efficiency of sampling strategies to establish a representative in the phenotypic-based genetic diversity core collection of orchardgrass (<i>Dactylis glomerata</i> L.). <i>Czech Journal of Genetics and Plant Breeding</i> , 2013, 49, 36-47. | 0.4 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 296 | Registration of Purified Accessions for the U.S. Peanut Mini-Core Germplasm Collection. <i>Journal of Plant Registrations</i> , 2014, 8, 77-85. | 0.4 | 16 |
| 297 | Global Wild Annual Lens Collection: A Potential Resource for Lentil Genetic Base Broadening and Yield Enhancement. <i>PLoS ONE</i> , 2014, 9, e107781. | 1.1 | 51 |
| 298 | A Strategy for Finding the Optimal Scale of Plant Core Collection Based on Monte Carlo Simulation. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9. | 0.8 | 8 |
| 299 | Development of a cassava core collection based on single nucleotide polymorphism markers. <i>Genetics and Molecular Research</i> , 2014, 13, 6472-6485. | 0.3 | 15 |
| 300 | Physiological efficiencies in mini-core peanut germplasm accessions during summer season. <i>Photosynthetica</i> , 2014, 52, 627-635. | 0.9 | 14 |
| 302 | Using soil seed banks to assess temporal patterns of genetic variation in invasive plant populations. <i>Ecology and Evolution</i> , 2014, 4, 1648-1658. | 0.8 | 19 |
| 303 | Lathyrus diversity: available resources with relevance to crop improvement “ L. sativus and L. cicera as case studies. <i>Annals of Botany</i> , 2014, 113, 895-908. | 1.4 | 74 |
| 304 | Establishment of the core collection of <i>Ziziphus mauritiana</i> Lam. from India. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2014, 12, 140-142. | 0.4 | 5 |
| 305 | Differences in Manioc Diversity Among Five Ethnic Groups of the Colombian Amazon. <i>Diversity</i> , 2014, 6, 792-826. | 0.7 | 23 |
| 306 | Selection and Validation of an AFLP Marker Core Collection for the Wild Potato <i>Solanum microdontum</i> . <i>American Journal of Potato Research</i> , 2014, 91, 368-375. | 0.5 | 24 |
| 307 | Merging applied gene conservation activities with advanced generation breeding initiatives: a case study of <i>Pinus radiata</i> D. Don. <i>New Forests</i> , 2014, 45, 311-331. | 0.7 | 8 |
| 308 | Developing core collections to optimize the management and the exploitation of diversity of the coffee <i>Coffea canephora</i> . <i>Genetica</i> , 2014, 142, 185-199. | 0.5 | 33 |
| 310 | Establishment of the integrated applied core collection and its comparison with mini core collection in soybean (<i>Glycine max</i>). <i>Crop Journal</i> , 2014, 2, 38-45. | 2.3 | 23 |
| 311 | HOW CAN WE EFFICIENTLY CHARACTERIZE GENES OF AGRONOMIC INTEREST IN OLIVE: TOWARDS THE GENETIC ASSOCIATION STUDIES?. <i>Acta Horticulturae</i> , 2014, , 551-558. | 0.1 | 4 |
| 312 | Separating the wheat from the chaff “ a strategy to utilize plant genetic resources from ex situ genebanks. <i>Scientific Reports</i> , 2014, 4, 5231. | 1.6 | 51 |
| 313 | Evaluating genetic diversity and constructing core collections of Chinese <i>Lentinula edodes</i> cultivars using ISSR and SRAP markers. <i>Journal of Basic Microbiology</i> , 2015, 55, 749-760. | 1.8 | 31 |
| 314 | Patterns of Genetic Diversity and Structure at Fine Scale of an Endangered Moroccan Endemic Tree (<i>Argania spinosa</i> L. Skeels) Based on ISSR Polymorphism. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, 528-535. | 0.5 | 12 |
| 315 | Assessment of apple core collections constructed using phenotypic and genotypic data. <i>Genetics and Molecular Research</i> , 2015, 14, 6453-6464. | 0.3 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 316 | Genetic Diversity Strategy for the Management and Use of Rubber Genetic Resources: More than 1,000 Wild and Cultivated Accessions in a 100-Genotype Core Collection. <i>PLoS ONE</i> , 2015, 10, e0134607. | 1.1 | 32 |
| 317 | Genetic diversity of <i>Sorghum bicolor</i> (L.) Moench landraces from Northwestern Benin as revealed by microsatellite markers. <i>African Journal of Biotechnology</i> , 2015, 14, 1342-1353. | 0.3 | 7 |
| 318 | Genetic Diversity among Wheat Accessions from the USDA National Small Grains Collection. <i>Crop Science</i> , 2015, 55, 1243-1253. | 0.8 | 41 |
| 319 | Genetic diversity and establishment of a core collection of oil palm (<i>Elaeis guineensis</i> Jacq.) based on molecular data. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2015, 13, 256-265. | 0.4 | 5 |
| 320 | Microsatellite Diversity, Population Structure, and Core Collection Formation in Melon Germplasm. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 439-447. | 1.0 | 42 |
| 321 | Multi-objective optimization for plant germplasm collection conservation of genetic resources based on molecular variability. <i>Tree Genetics and Genomes</i> , 2015, 11, 1. | 0.6 | 12 |
| 322 | Genetic Diversity, Population Structure and Construction of a Core Collection of Apple Cultivars from Italian Germplasm. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 458-473. | 1.0 | 98 |
| 323 | Using Multi-Objective Artificial Immune Systems to Find Core Collections Based on Molecular Markers. , 2015, , . | | 1 |
| 324 | Developing a common bean core collection suitable for association mapping studies. <i>Genetics and Molecular Biology</i> , 2015, 38, 67-78. | 0.6 | 29 |
| 325 | Genetic diversity and genomic resources available for the small millet crops to accelerate a New Green Revolution. <i>Frontiers in Plant Science</i> , 2015, 6, 157. | 1.7 | 166 |
| 326 | Identification of a diverse mini-core panel of Indian rice germplasm based on genotyping using microsatellite markers. <i>Plant Breeding</i> , 2015, 134, 164-171. | 1.0 | 36 |
| 327 | <i>Plant Genetic Resources for Food and Agriculture</i> . , 2015, , 19-39. | | 1 |
| 328 | Genetic and phenotypic diversity of natural American oil palm (<i>Elaeis oleifera</i> (H.B.K.) Cortés) accessions. <i>Tree Genetics and Genomes</i> , 2015, 11, 1. | 0.6 | 15 |
| 329 | Baseline study of morphometric traits of wild <i>Capsicum annuum</i> growing near two biosphere reserves in the Peninsula of Baja California for future conservation management. <i>BMC Plant Biology</i> , 2015, 15, 118. | 1.6 | 7 |
| 330 | How do we address the disconnect between genetic and morphological diversity in germplasm collections?. <i>American Journal of Botany</i> , 2015, 102, 1213-1215. | 0.8 | 23 |
| 331 | Genetic Diversity in Soybean. <i>Agronomy</i> , 0, , 303-416. | 0.2 | 62 |
| 332 | A Belated Green Revolution for Cannabis: Virtual Genetic Resources to Fast-Track Cultivar Development. <i>Frontiers in Plant Science</i> , 2016, 7, 1113. | 1.7 | 65 |
| 333 | Utilization of Molecular, Phenotypic, and Geographical Diversity to Develop Compact Composite Core Collection in the Oilseed Crop, Safflower (<i>Carthamus tinctorius</i> L.) through Maximization Strategy. <i>Frontiers in Plant Science</i> , 2016, 7, 1554. | 1.7 | 65 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 334 | Development of a Potato Cultivar (<i>Solanum tuberosum</i> L.) Core Collection, a Valuable Tool to Prospect Genetic Variation for Novel Traits. <i>Potato Research</i> , 2016, 59, 329-343. | 1.2 | 9 |
| 335 | Sorghum Germplasm Resources Characterization and Trait Mapping. <i>Compendium of Plant Genomes</i> , 2016, , 77-94. | 0.3 | 7 |
| 336 | Genome-wide resequencing of KRICE_CORE reveals their potential for future breeding, as well as functional and evolutionary studies in the post-genomic era. <i>BMC Genomics</i> , 2016, 17, 408. | 1.2 | 54 |
| 337 | Core Collections of Potato (<i>Solanum</i>) Species Native to the USA. <i>American Journal of Potato Research</i> , 2016, 93, 564-571. | 0.5 | 23 |
| 338 | Genomic Prediction of Gene Bank Wheat Landraces. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1819-1834. | 0.8 | 159 |
| 339 | Unlocking the genetic diversity of Creole wheats. <i>Scientific Reports</i> , 2016, 6, 23092. | 1.6 | 75 |
| 340 | Maximization of minority classes in core collections designed for association studies. <i>Tree Genetics and Genomes</i> , 2016, 12, 1. | 0.6 | 6 |
| 341 | Developing a core collection of <i>Pyropia haitanensis</i> using simple sequence repeat markers. <i>Aquaculture</i> , 2016, 452, 351-356. | 1.7 | 11 |
| 342 | Principal components analysis - K-means transposon element based foxtail millet core collection selection method. <i>BMC Genetics</i> , 2016, 17, 42. | 2.7 | 7 |
| 343 | Genetic Diversity and Erosion in Plants. <i>Sustainable Development and Biodiversity</i> , 2016, , . | 1.4 | 13 |
| 344 | Genetic diversity estimation and core collection construction of <i>Sinojackia huangmeiensis</i> based on novel microsatellite markers. <i>Biochemical Systematics and Ecology</i> , 2016, 64, 74-80. | 0.6 | 7 |
| 345 | Assessment of Genetic Diversity in <i>Secale cereale</i> Based on SSR Markers. <i>Plant Molecular Biology Reporter</i> , 2016, 34, 37-51. | 1.0 | 44 |
| 346 | Analytical and Decision Support Tools for Genomics-Assisted Breeding. <i>Trends in Plant Science</i> , 2016, 21, 354-363. | 4.3 | 70 |
| 347 | Genetic Diversity of the Two Commercial Tetraploid Cotton Species in the <i>Gossypium</i> Diversity Reference Set. <i>Journal of Heredity</i> , 2016, 107, 274-286. | 1.0 | 43 |
| 348 | Genetic Diversity and Conservation of Olive Genetic Resources. <i>Sustainable Development and Biodiversity</i> , 2016, , 337-356. | 1.4 | 11 |
| 349 | First identification of core accessions of <i>Jatropha curcas</i> from India based on molecular genetic diversity. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2016, 14, 77-80. | 0.4 | 5 |
| 350 | Refinements to Hevea rubber breeding. <i>Tree Genetics and Genomes</i> , 2017, 13, 1. | 0.6 | 40 |
| 351 | Genomics-based plant germplasm research (GPGR). <i>Crop Journal</i> , 2017, 5, 166-174. | 2.3 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 352 | Molecular characterisation of common bean (<i>Phaseolus vulgaris</i> L.) accessions from Southwestern Uganda reveal high levels of genetic diversity. <i>Genetic Resources and Crop Evolution</i> , 2017, 64, 1985-1998. | 0.8 | 9 |
| 353 | Population structure and core collection construction of apricot (<i>Prunus armeniaca</i> L.) in North Africa based on microsatellite markers. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2017, 15, 21-28. | 0.4 | 7 |
| 354 | Relationship between geographical origin, seed size and genetic diversity in faba bean (<i>Vicia faba</i> L.) as revealed by SSR markers. <i>Molecular Genetics and Genomics</i> , 2017, 292, 991-999. | 1.0 | 44 |
| 355 | Emerging Avenues for Utilization of Exotic Germplasm. <i>Trends in Plant Science</i> , 2017, 22, 624-637. | 4.3 | 108 |
| 356 | Towards new sources of resistance to the currant-lettuce aphid (<i>Nasonovia ribisnigri</i>). <i>Molecular Breeding</i> , 2017, 37, 4. | 1.0 | 17 |
| 357 | Using microsatellite markers to map genetic diversity and population structure of an endangered Moroccan endemic tree (<i>Argania spinosa</i> L. Skeels) and development of a core collection. <i>Plant Gene</i> , 2017, 10, 51-59. | 1.4 | 20 |
| 358 | Genetic diversity and linkage disequilibrium in the Argentine public maize inbred line collection. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2017, 15, 515-526. | 0.4 | 7 |
| 359 | Comparative analysis of core collection sampling methods for mandarin germplasm based on molecular and phenotypic data. <i>Annals of Applied Biology</i> , 2017, 171, 327-339. | 1.3 | 10 |
| 360 | Wild Relatives of Cultivated Plants in India. , 2017, , . | | 6 |
| 361 | Classification of Wild Species to Facilitate Conservation and Gene Transfer. , 2017, , 219-231. | | 0 |
| 362 | High Levels of Heterozygosity Found for 15 SSR Loci in <i>Solanum chacoense</i> . <i>American Journal of Potato Research</i> , 2017, 94, 638-646. | 0.5 | 10 |
| 363 | Will the same ex situ protocols give similar results for closely related species?. <i>Biodiversity and Conservation</i> , 2017, 26, 2951-2966. | 1.2 | 31 |
| 364 | Back into the wild – Apply untapped genetic diversity of wild relatives for crop improvement. <i>Evolutionary Applications</i> , 2017, 10, 5-24. | 1.5 | 291 |
| 365 | JAMES: An object-oriented Java framework for discrete optimization using local search metaheuristics. <i>Software - Practice and Experience</i> , 2017, 47, 921-938. | 2.5 | 13 |
| 366 | Integrating principal component score strategy with power core method for development of core collection in Indian soybean germplasm. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2017, 15, 230-238. | 0.4 | 8 |
| 367 | Establishment of a Core Collection of Traditional Cuban <i>Theobroma cacao</i> Plants for Conservation and Utilization Purposes. <i>Plant Molecular Biology Reporter</i> , 2017, 35, 47-60. | 1.0 | 9 |
| 368 | Potato Genetic Resources. <i>Compendium of Plant Genomes</i> , 2017, , 11-30. | 0.3 | 10 |
| 369 | <i>Medicago truncatula</i> : Genetic and Genomic Resources. <i>Current Protocols in Plant Biology</i> , 2017, 2, 318-349. | 2.8 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 370 | AveDissR: An R Function for Assessing Genetic Distinctness and Genetic Redundancy. Applications in Plant Sciences, 2017, 5, 1700018. | 0.8 | 12 |
| 371 | Development of a Core Collection of Strawberry Cultivars Based on SSR and CAPS Marker Polymorphisms. Horticulture Journal, 2017, 86, 365-378. | 0.3 | 12 |
| 372 | Registration of "Silver River"™ Sweetclover. Journal of Plant Registrations, 2017, 11, 112-115. | 0.4 | 2 |
| 373 | Genetic Variation and Population Structure of <i>Oryza glaberrima</i> and Development of a Mini-Core Collection Using DArTseq. Frontiers in Plant Science, 2017, 8, 1748. | 1.7 | 71 |
| 374 | NGS-Based Genotyping, High-Throughput Phenotyping and Genome-Wide Association Studies Laid the Foundations for Next-Generation Breeding in Horticultural Crops. Diversity, 2017, 9, 38. | 0.7 | 34 |
| 375 | Molecular genetic diversity and population structure of Ethiopian white lupin landraces: Implications for breeding and conservation. PLoS ONE, 2017, 12, e0188696. | 1.1 | 20 |
| 376 | The Vulnerability of Plant Genetic Resources Conserved Ex Situ. Crop Science, 2017, 57, 2314-2328. | 0.8 | 88 |
| 377 | Analysis of genetic diversity of rapeseed genetic resources in Japan and core collection construction. Breeding Science, 2017, 67, 239-247. | 0.9 | 45 |
| 378 | Selection of Core Collection from <i>Jesso-Balam</i> Rice (<i>Oryza sativa</i> L.) Accessions Using Quantitative, Qualitative and Molecular Characters-A Review. The Agriculturists, 2017, 15, 170-181. | 0.3 | 1 |
| 379 | Pod yield performance and stability of peanut genotypes under differing soil water and regional conditions. Journal of Crop Improvement, 2018, 32, 532-551. | 0.9 | 13 |
| 380 | A roadmap for breeding orphan leafy vegetable species: a case study of <i>Gynandropsis gynandra</i> (Cleomaceae). Horticulture Research, 2018, 5, 2. | 2.9 | 54 |
| 381 | Characterization of West and Central African accessions from a pearl millet reference collection for agro-morphological traits and <i>Striga</i> resistance. Plant Genetic Resources: Characterisation and Utilisation, 2018, 16, 260-272. | 0.4 | 20 |
| 382 | Development of the core collection through advanced maximization strategy with heuristic approach in cashew (<i>Anacardium occidentale</i> L.). Plant Genetic Resources: Characterisation and Utilisation, 2018, 16, 367-377. | 0.4 | 7 |
| 383 | Bayesian optimization for genomic selection: a method for discovering the best genotype among a large number of candidates. Theoretical and Applied Genetics, 2018, 131, 93-105. | 1.8 | 23 |
| 384 | Development of a Core Collection Based on EST-SSR Markers and Phenotypic Traits in Foxtail Millet [<i>Setaria italica</i> (L.) P. Beauv.]. Journal of Crop Science and Biotechnology, 2018, 21, 395-405. | 0.7 | 3 |
| 385 | Core collection of ramie comprising 1151 germplasms based on simple sequence repeats and phenotypic markers. Revista Brasileira De Botanica, 2018, 41, 859-866. | 0.5 | 2 |
| 386 | Analysis of genetic diversity and structure in a worldwide walnut (<i>Juglans regia</i> L.) germplasm using SSR markers. PLoS ONE, 2018, 13, e0208021. | 1.1 | 86 |
| 387 | Morphological Assessment of Cultivated and Wild Amaranth Species Diversity. Agronomy, 2018, 8, 272. | 1.3 | 38 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 388 | A Case of Need: Linking Traits to Genebank Accessions. <i>Biopreservation and Biobanking</i> , 2018, 16, 337-349. | 0.5 | 37 |
| 389 | The USDA cucumber (<i>Cucumis sativus</i> L.) collection: genetic diversity, population structure, genome-wide association studies, and core collection development. <i>Horticulture Research</i> , 2018, 5, 64. | 2.9 | 102 |
| 390 | Core Hunter 3: flexible core subset selection. <i>BMC Bioinformatics</i> , 2018, 19, 203. | 1.2 | 92 |
| 391 | Characterization of Linkage Disequilibrium and Population Structure in a Mungbean Diversity Panel. <i>Frontiers in Plant Science</i> , 2017, 8, 2102. | 1.7 | 71 |
| 392 | The Genetic Diversity and Geographic Differentiation of the Wild Soybean in Northeast China Based on Nuclear Microsatellite Variation. <i>International Journal of Genomics</i> , 2018, 2018, 1-9. | 0.8 | 5 |
| 393 | Identification of candidate genes for gelatinization temperature, gel consistency and pericarp color by GWAS in rice based on SLAF-sequencing. <i>PLoS ONE</i> , 2018, 13, e0196690. | 1.1 | 25 |
| 394 | <i>Citrus Genetics and Breeding</i> . , 2018, , 403-436. | | 10 |
| 395 | Genetic diversity and structure of core collection of winter mushroom (<i>Flammulina velutipes</i>) developed by genomic SSR markers. <i>Hereditas</i> , 2018, 155, 3. | 0.5 | 26 |
| 396 | Biases induced by using geography and environment to guide ex situ conservation. <i>Conservation Genetics</i> , 2018, 19, 1281-1293. | 0.8 | 6 |
| 397 | The southwestern origin and eastward dispersal of pear (<i>Pyrus pyrifolia</i>) in East Asia revealed by comprehensive genetic structure analysis with SSR markers. <i>Tree Genetics and Genomes</i> , 2018, 14, 1. | 0.6 | 12 |
| 398 | Review: High-throughput phenotyping to enhance the use of crop genetic resources. <i>Plant Science</i> , 2019, 282, 40-48. | 1.7 | 95 |
| 399 | Documenting the Evolution of Agrobiodiversity in the Archaeological Record: Landraces of a Newly Described Domesticated (<i>Polygonum erectum</i>) in North America. <i>Journal of Archaeological Method and Theory</i> , 2019, 26, 313-343. | 1.4 | 11 |
| 400 | Genome-wide SNP-based diversity analysis and association mapping in linseed (<i>Linum usitatissimum</i> L.). <i>Euphytica</i> , 2019, 215, 1. | 0.6 | 16 |
| 401 | Korean soybean core collection: Genotypic and phenotypic diversity population structure and genome-wide association study. <i>PLoS ONE</i> , 2019, 14, e0224074. | 1.1 | 56 |
| 402 | Using SNP/INDEL diversity patterns to identify a core group of genotypes from FVC11, a superior hybrid family of <i>Fragaria virginiana</i> Miller and <i>F. chiloensis</i> (L.) Miller. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 1691-1698. | 0.8 | 5 |
| 403 | Insights into the Population Structure and Association Mapping in Globe Artichoke. <i>Compendium of Plant Genomes</i> , 2019, , 129-143. | 0.3 | 0 |
| 404 | Development of a mulberry core collection originated in China to enhance germplasm conservation. <i>Crop Breeding and Applied Biotechnology</i> , 2019, 19, 55-61. | 0.1 | 6 |
| 405 | Application of Molecular Markers in Genetic Improvement of <i>Jatropha</i> . , 2019, , 131-143. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 406 | Comparison of Representative and Custom Methods of Generating Core Subsets of a Carrot Germplasm Collection. <i>Crop Science</i> , 2019, 59, 1107-1121. | 0.8 | 13 |
| 407 | Development of a core collection in Iranian walnut (<i>Juglans regia</i> L.) germplasm using the phenotypic diversity. <i>Scientia Horticulturae</i> , 2019, 249, 439-448. | 1.7 | 40 |
| 408 | The impact of sample selection strategies on genetic diversity and representativeness in germplasm bank collections. <i>BMC Plant Biology</i> , 2019, 19, 520. | 1.6 | 12 |
| 409 | Genetic Diversity, Structure, and Core Collection of Korean Apple Germplasm Using Simple Sequence Repeat Markers. <i>Horticulture Journal</i> , 2019, 88, 329-337. | 0.3 | 12 |
| 410 | Genetic diversity and core subset selection in <i>ex situ</i> seed collections of the banana crop wild relative <i>Musa balbisiana</i> . <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2019, 17, 536-544. | 0.4 | 12 |
| 411 | Revisiting the versatile buckwheat: reinvigorating genetic gains through integrated breeding and genomics approach. <i>Planta</i> , 2019, 250, 783-801. | 1.6 | 79 |
| 412 | Genetic diversity of kiwifruit (<i>Actinidia</i> spp.), including Korean native <i>A. arguta</i> , using single nucleotide polymorphisms derived from genotyping-by-sequencing. <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 105-114. | 0.7 | 7 |
| 413 | A lima bean core collection based on molecular markers. <i>Scientia Agricola</i> , 2020, 77, . | 0.6 | 13 |
| 414 | Morphometric approaches to promote the use of exotic germplasm for improved food security and resilience to climate change: a kura clover example. <i>Plant Science</i> , 2020, 290, 110319. | 1.7 | 9 |
| 415 | Is the USDA core collection of common bean representative of genetic diversity of the species, as assessed by SNP diversity?. <i>Crop Science</i> , 2020, 60, 1398-1414. | 0.8 | 24 |
| 416 | Core collection of <i>Hevea brasiliensis</i> from the 1995 RRIM <i>Hevea</i> germplasm for effective utilisation in the rubber breeding programme. <i>Journal of Rubber Research (Kuala Lumpur, Malaysia)</i> , 2020, 23, 33-40. | 0.4 | 4 |
| 417 | Genomic-based root plasticity to enhance abiotic stress adaptation and edible yield in grain crops. <i>Plant Science</i> , 2020, 295, 110365. | 1.7 | 10 |
| 418 | The Development of a European and Mediterranean Chickpea Association Panel (EMCAP). <i>Agronomy</i> , 2020, 10, 1417. | 1.3 | 7 |
| 419 | Genetic Diversity Measurement. , 2020, , 114-132. | | 0 |
| 420 | Use of plant genetic resources in crop improvement—example of Serbia. <i>Genetic Resources and Crop Evolution</i> , 2020, 67, 1935-1948. | 0.8 | 11 |
| 424 | An enriched sugarcane diversity panel for utilization in genetic improvement of sugarcane. <i>Scientific Reports</i> , 2020, 10, 13390. | 1.6 | 8 |
| 425 | Comparison Between Core Set Selection Methods Using Different Illumina Marker Platforms: A Case Study of Assessment of Diversity in Wheat. <i>Frontiers in Plant Science</i> , 2020, 11, 1040. | 1.7 | 31 |
| 426 | Plant Population Genetics. , 2020, , 102-113. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 427 | Plant Breeding. , 2020, , 443-468. | | 0 |
| 428 | Preserving Biodiversity in Marginal Rural Areas: Assessment of Morphological and Genetic Variability of a Sicilian Common Bean Germplasm Collection. Plants, 2020, 9, 989. | 1.6 | 3 |
| 429 | Investigation of obsolete diversity of rye (<i>Secale cereale</i> L.) using multiplexed SSR fingerprinting and evaluation of agronomic traits. Journal of Applied Genetics, 2020, 61, 513-529. | 1.0 | 5 |
| 430 | Diversity analysis of 80,000 wheat accessions reveals consequences and opportunities of selection footprints. Nature Communications, 2020, 11, 4572. | 5.8 | 129 |
| 431 | A step towards Balkan <i>Capsicum annum</i> L. core collection: Phenotypic and biochemical characterization of 180 accessions for agronomic, fruit quality, and virus resistance traits. PLoS ONE, 2020, 15, e0237741. | 1.1 | 20 |
| 432 | Constructing a Core Collection of the Medicinal Plant <i>Angelica biserrata</i> Using Genetic and Metabolic Data. Frontiers in Plant Science, 2020, 11, 600249. | 1.7 | 22 |
| 433 | Assessment of diversity of Indian aromatic rice germplasm collections for morphological, agronomical, quality traits and molecular characters to identify a core set for crop improvement. CABI Agriculture and Bioscience, 2020, 1, . | 1.1 | 14 |
| 434 | Utilization of Phytochemical and Molecular Diversity to Develop a Target-Oriented Core Collection in Tea Germplasm. Agronomy, 2020, 10, 1667. | 1.3 | 7 |
| 435 | Plant Taxonomy. , 2020, , 81-101. | | 0 |
| 436 | Conservation Strategies and Techniques. , 2020, , 186-201. | | 0 |
| 437 | In Situ Conservation. , 2020, , 202-248. | | 0 |
| 438 | On-Farm Conservation. , 2020, , 249-277. | | 0 |
| 441 | Establishing the Social, Political and Ethical Context. , 2020, , 45-78. | | 0 |
| 442 | Germplasm Collecting. , 2020, , 320-352. | | 0 |
| 443 | Whole Plant, Plantlet and DNA Conservation. , 2020, , 368-390. | | 1 |
| 444 | Germplasm Evaluation. , 2020, , 428-442. | | 0 |
| 445 | Participatory Plant Breeding. , 2020, , 469-491. | | 0 |
| 446 | Conservation Data Management. , 2020, , 492-517. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 447 | Community-Based Conservation. , 2020, , 278-319. | | 0 |
| 448 | Seed Gene Bank Conservation. , 2020, , 353-367. | | 0 |
| 449 | Planning Plant Conservation. , 2020, , 135-185. | | 0 |
| 450 | Plant Uses. , 2020, , 393-427. | | 0 |
| 452 | Assessing Genetic Diversity and Population Structure of <i>Kalmia latifolia</i> L. in the Eastern United States: An Essential Step towards Breeding for Adaptability to Southeastern Environmental Conditions. Sustainability, 2020, 12, 8284. | 1.6 | 6 |
| 453 | Designing a Mini-Core Collection Effectively Representing 3004 Diverse Rice Accessions. Plant Communications, 2020, 1, 100049. | 3.6 | 21 |
| 454 | Chickpea genetic resources: collection, conservation, characterization, and maintenance. , 2020, , 37-61. | | 7 |
| 455 | Core collection construction and evaluation of the genetic structure of <i>Glycyrrhiza</i> in China using markers for genomic simple sequence repeats. Genetic Resources and Crop Evolution, 2020, 67, 1839-1852. | 0.8 | 24 |
| 456 | Molecular genetic analysis of spring wheat core collection using genetic diversity, population structure, and linkage disequilibrium. BMC Genomics, 2020, 21, 434. | 1.2 | 44 |
| 457 | Reprint of: Morphometric approaches to promote the use of exotic germplasm for improved food security and resilience to climate change: A kura clover example. Plant Science, 2020, 295, 110415. | 1.7 | 1 |
| 458 | In-depth genome diversity, population structure and linkage disequilibrium analysis of worldwide diverse safflower (<i>Carthamus tinctorius</i> L.) accessions using NGS data generated by DArTseq technology. Molecular Biology Reports, 2020, 47, 2123-2135. | 1.0 | 21 |
| 459 | Rediscovery of Genetic and Genomic Resources for Future Food Security. , 2020, , . | | 11 |
| 460 | Evaluation of genetic diversity, agronomic traits, and anthracnose resistance in the NPGS Sudan Sorghum Core collection. BMC Genomics, 2020, 21, 88. | 1.2 | 38 |
| 461 | Development of a Core Collection of Six-Rowed Hulled Barley from the Qinghai-Tibetan Plateau. Plant Molecular Biology Reporter, 2020, 38, 305-313. | 1.0 | 4 |
| 462 | Profiling of Nutraceuticals and Proximates in Peanut Genotypes Differing for Seed Coat Color and Seed Size. Frontiers in Nutrition, 2020, 7, 45. | 1.6 | 12 |
| 463 | Development of a Multipurpose Core Collection of Bread Wheat Based on High-Throughput Genotyping Data. Agronomy, 2020, 10, 534. | 1.3 | 17 |
| 464 | Bioinformatic Extraction of Functional Genetic Diversity from Heterogeneous Germplasm Collections for Crop Improvement. Agronomy, 2020, 10, 593. | 1.3 | 6 |
| 465 | First the seed: Genomic advances in seed science for improved crop productivity and food security. Crop Science, 2021, 61, 1501-1526. | 0.8 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 466 | Characterization of wheat germplasm conserved in the Indian National Genebank and establishment of a composite core collection. <i>Crop Science</i> , 2021, 61, 604-620. | 0.8 | 19 |
| 467 | Evaluation of genetic diversity and development of core collections of industrial brewing yeast using ISSR markers. <i>Archives of Microbiology</i> , 2021, 203, 1001-1008. | 1.0 | 10 |
| 468 | Science-Led Innovation for Searching and Creating Values in Natural Gene Pool of Millets for Agri-Food Nutrition and Health. , 2021, , 219-237. | | 3 |
| 469 | Evaluation of genetic structure in European wheat cultivars and advanced breeding lines using high-density genotyping-by-sequencing approach. <i>BMC Genomics</i> , 2021, 22, 81. | 1.2 | 6 |
| 470 | Applications of Microsatellite Markers for the Characterization of Olive Genetic Resources of Tunisia. <i>Genes</i> , 2021, 12, 286. | 1.0 | 10 |
| 471 | Exploring the End-Use Quality Potential of a Collection of Spanish Bread Wheat Landraces. <i>Plants</i> , 2021, 10, 620. | 1.6 | 11 |
| 472 | Composite core set construction and diversity analysis of Iranian walnut germplasm using molecular markers and phenotypic traits. <i>PLoS ONE</i> , 2021, 16, e0248623. | 1.1 | 16 |
| 473 | Genetic diversity and population structure of advanced clones selected over forty years by a potato breeding program in the USA. <i>Scientific Reports</i> , 2021, 11, 8344. | 1.6 | 33 |
| 474 | Characterization of <i>Colletotrichum lindemuthianum</i> Races in Zambia and Evaluation of the CIAT Phaseolus Core Collection for Resistance to Anthracnose. <i>Plant Disease</i> , 2021, , PDIS02210363RE. | 0.7 | 1 |
| 475 | Fingerprinting 146 Chinese chestnut (<i>Castanea mollissima</i> Blume) accessions and selecting a core collection using SSR markers. <i>Journal of Integrative Agriculture</i> , 2021, 20, 1277-1286. | 1.7 | 18 |
| 476 | Prospects for <i>Trifolium</i> Improvement Through Germplasm Characterisation and Pre-breeding in New Zealand and Beyond. <i>Frontiers in Plant Science</i> , 2021, 12, 653191. | 1.7 | 7 |
| 477 | Harnessing translational research in wheat for climate resilience. <i>Journal of Experimental Botany</i> , 2021, 72, 5134-5157. | 2.4 | 28 |
| 478 | Genomic Selection in Sugarcane: Current Status and Future Prospects. <i>Frontiers in Plant Science</i> , 2021, 12, 708233. | 1.7 | 14 |
| 479 | Breeding potential of lablab [<i>Lablab purpureus</i> (L.) Sweet]: a review on characterization and bruchid studies towards improved production and utilization in Africa. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 3081-3101. | 0.8 | 10 |
| 480 | Late Blight Resistance Evaluation and Genome-Wide Assessment of Genetic Diversity in Wild and Cultivated Potato Species. <i>Frontiers in Plant Science</i> , 2021, 12, 710468. | 1.7 | 4 |
| 481 | Introducing Beneficial Alleles from Plant Genetic Resources into the Wheat Germplasm. <i>Biology</i> , 2021, 10, 982. | 1.3 | 46 |
| 483 | Genetic Diversity and Primary Core Collection Construction of Turnip (<i>Brassica rapa</i> L. ssp. <i>rapifera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.3 | 3 |
| 484 | Genetic diversity of second generation-parental germplasm of masson pine revealed by SSR markers and establishment of a core germplasm collection. <i>Scandinavian Journal of Forest Research</i> , 2021, 36, 524-531. | 0.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 485 | Development of a Multipurpose Core Collection of New Promising Iranian Pomegranate (<i>Punica</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 7 | 1.2 | 11 |
| 486 | Development of coreset of aromatic rice (<i>Oryza sativa</i> L. Indica) based on molecular and morphological diversity. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 441-450. | 0.8 | 4 |
| 487 | Genetic resources: Collection, characterization, conservation, and documentation. , 2021, , 19-31. | | 7 |
| 491 | International Programs and the Use of Modern Biotechnologies for Crop Improvement. , 2008, , 21-61. | | 9 |
| 492 | Molecular Genetics and Breeding of Grain Legume Crops for the Semi-Arid Tropics. , 2007, , 207-241. | | 35 |
| 493 | Genetic Resources. , 2010, , 13-37. | | 20 |
| 494 | Hyacinth Bean (<i>Lablab purpureus</i> L. Sweet): Genetics, Breeding and Genomics. , 2019, , 287-318. | | 2 |
| 495 | Optimal sampling strategies for core collections of plant genetic resources. , 1994, , 357-370. | | 12 |
| 497 | Breeding to Improve Yield. <i>Developments in Plant Breeding</i> , 1999, , 185-222. | 0.2 | 10 |
| 498 | The application of molecular markers to coconut genetic improvement. <i>Current Plant Science and Biotechnology in Agriculture</i> , 1999, , 33-44. | 0.0 | 5 |
| 499 | High-Throughput Genome-Wide Genotyping to Revive the Use of Natural Diversity in Forage and Turf Breeding. , 2014, , 313-323. | | 1 |
| 500 | Molecular Approaches for Harvesting Natural Diversity for Crop Improvement. , 2020, , 67-169. | | 12 |
| 501 | Assessment of genetic diversity and development of core germplasm in durum wheat using agronomic and grain quality traits. <i>Cereal Research Communications</i> , 2020, 48, 375-382. | 0.8 | 10 |
| 503 | Evaluating Genetic Diversity of <i>Agaricus bisporus</i> Accessions through Phylogenetic Analysis Using Single-Nucleotide Polymorphism (SNP) Markers. <i>Mycobiology</i> , 2021, 49, 61-68. | 0.6 | 4 |
| 504 | Molecular Technologies and Their Role in Maintaining and Utilizing Genetic Resources. , 2004, , 757-759. | | 1 |
| 505 | Neutral Genetic Markers and Conservation Genetics: Simulated Germplasm Collections. <i>Genetics</i> , 1996, 144, 409-417. | 1.2 | 113 |
| 506 | Population Structure and Its Effect on Haplotype Diversity and Linkage Disequilibrium Surrounding the <i>xa5</i> Locus of Rice (<i>Oryza sativa</i> L.). <i>Genetics</i> , 2003, 165, 759-769. | 1.2 | 204 |
| 507 | alfalfa (<i>Medicago sativa</i> ssp. <i>sativa</i> (L.) L. & L.). <i>Genetic Resources, Chromosome Engineering, and Crop Improvement Series</i> , 2009, , 11-39. | 0.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 508 | Signal-processing tools for core-collection selection from genetic-resource collections. <i>Frontiers in Plant Science</i> , 2015, 6, 97. | 0.8 | 2 |
| 509 | Analysis of genetic diversity in the core collection of red clover (<i>Trifolium pratense</i>) with isozyme and RAPD markers. <i>Crop Breeding and Applied Biotechnology</i> , 2008, 8, 202-211. | 0.1 | 9 |
| 510 | Establishment and Utilization of Core and Mini Core Collections of the Mandated Crops at the International Crops Research Institute for the Semi-Arid Tropics(ICRISAT). <i>Journal of the Korean Society of International Agriculture</i> , 2018, 30, 184-192. | 0.1 | 1 |
| 511 | Construction of Core Collections Suitable for Association Mapping to Optimize Use of Mediterranean Olive (<i>Olea europaea</i> L.) Genetic Resources. <i>PLoS ONE</i> , 2013, 8, e61265. | 1.1 | 95 |
| 512 | Promoting Utilization of <i>Saccharum</i> spp. Genetic Resources through Genetic Diversity Analysis and Core Collection Construction. <i>PLoS ONE</i> , 2014, 9, e110856. | 1.1 | 51 |
| 513 | Screening Genetic Resources of Capsicum Peppers in Their Primary Center of Diversity in Bolivia and Peru. <i>PLoS ONE</i> , 2015, 10, e0134663. | 1.1 | 53 |
| 514 | Genetic Variation of Morphological Traits and Transpiration in an Apple Core Collection under Well-Watered Conditions: Towards the Identification of Morphotypes with High Water Use Efficiency. <i>PLoS ONE</i> , 2015, 10, e0145540. | 1.1 | 19 |
| 515 | Population Genetic Structure of <i>Glycyrrhiza inflata</i> B. (Fabaceae) Is Shaped by Habitat Fragmentation, Water Resources and Biological Characteristics. <i>PLoS ONE</i> , 2016, 11, e0164129. | 1.1 | 8 |
| 516 | Genetic diversity and accession structure in European <i>Cynara cardunculus</i> collections. <i>PLoS ONE</i> , 2017, 12, e0178770. | 1.1 | 26 |
| 517 | DArTSeq SNP-based markers revealed high genetic diversity and structured population in Ethiopian cowpea [<i>Vigna unguiculata</i> (L.) Walp] germplasms. <i>PLoS ONE</i> , 2020, 15, e0239122. | 1.1 | 32 |
| 518 | Characteristics of Mesocotyl and Internode Growth of Cultivated Rice(<i>Oryza sativa</i> L.) and Wild Taxa of <i>Oryza</i> .. <i>Japanese Journal of Crop Science</i> , 1995, 64, 500-508. | 0.1 | 5 |
| 519 | TESTING DIFFERENT APPROACHES TO CONSTRUCT AN OLIVE (<i>OLEA EUROPAEA</i> L.) CORE SUBSET SUITABLE FOR ASSOCIATION GENETIC STUDIES. <i>Acta Horticulturae</i> , 2013, , 177-183. | 0.1 | 1 |
| 520 | Genetic characterization of Spanish lentil landraces (<i>Lens culinaris</i> Medik.) by biochemical markers. <i>Indian Journal of Agricultural Research</i> , 2016, 50, . | 0.0 | 3 |
| 521 | Evaluation of Pecan [<i>Carya illinoensis</i> (Wangenh.) K. Koch] Germplasm Collections and Designation of a Core Subset. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1995, 30, 950-954. | 0.5 | 13 |
| 522 | Genetic Markers and Horticultural Germplasm Management. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1995, 30, 1349-1356. | 0.5 | 51 |
| 523 | Genetic Relationships and Characterization of Persian Walnut (<i>Juglans regia</i> L.) Cultivars Using Restriction Fragment Length Polymorphisms (RFLPs). <i>Journal of the American Society for Horticultural Science</i> , 1994, 119, 833-839. | 0.5 | 32 |
| 524 | A Multistate Comparison of Native Octoploid Strawberries from North and South America. <i>Journal of the American Society for Horticultural Science</i> , 2001, 126, 579-586. | 0.5 | 19 |
| 525 | The Formation of Test Arrays and a Core Collection in Cucumber Using Phenotypic and Molecular Marker Data. <i>Journal of the American Society for Horticultural Science</i> , 2002, 127, 558-567. | 0.5 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 526 | Phenolic Acid Content and Composition of Eggplant Fruit in a Germplasm Core Subset. Journal of the American Society for Horticultural Science, 2003, 128, 704-710. | 0.5 | 133 |
| 527 | Genetic Diversity and Structure in a Collection of Ancient Spanish Pear Cultivars Assessed by Microsatellite Markers. Journal of the American Society for Horticultural Science, 2010, 135, 428-437. | 0.5 | 49 |
| 528 | Assessment of genetic diversity using RAPD analysis in a germplasm collection of sea buckthorn. Agricultural and Food Science, 2000, 9, 279-289. | 0.3 | 20 |
| 529 | Genomic assessment of white clover and perennial ryegrass genetic resources. Journal of New Zealand Grasslands, 0, 82, 27-34. | 0.0 | 7 |
| 530 | Association Analysis of Agronomic Traits and Resistance to <i>Aspergillus flavus</i> in the ICRISAT Peanut Mini-Core Collection. Acta Agronomica Sinica(China), 2013, 38, 935-946. | 0.1 | 2 |
| 531 | Genetic Erosion in the Tropics.. Tropics, 1994, 3, 33-50. | 0.2 | 4 |
| 532 | Regional variation in Argentinean populations of <i>Bromus catharticus</i> (Poaceae) as measured by morphological. Anales Del Jardin Botanico De Madrid, 2008, 65, . | 0.2 | 4 |
| 533 | Common Bean Germplasm Diversity Study for Cold Tolerance in Ethiopia. American Journal of Plant Sciences, 2014, 05, 1842-1850. | 0.3 | 2 |
| 535 | Comparison of Genetic Diversity among Amaranth Accessions from South and Southeast Asia using SSR Markers. Korean Journal of Medicinal Crop Science, 2013, 21, 220-228. | 0.1 | 10 |
| 536 | Genetic Resources of Groundnut. , 2022, , 341-406. | | 0 |
| 537 | Germplasm Resources of Tropical Forage Grasses. , 2000, , . | | 1 |
| 538 | How to Organize Wheat Genetic Resources to be Convenient for Breeding. Developments in Plant Breeding, 2001, , 755-760. | 0.2 | 2 |
| 539 | Indicators for sustainable management of plant genetic resources: how well are we doing?. , 2002, , 249-262. | | 7 |
| 540 | A method for building core collections. , 2003, , 81-92. | | 0 |
| 541 | Ex Situ Evaluation: Core Collections. , 2004, , 1-4. | | 0 |
| 542 | Isozymic estimation of the biodiversity of Spanish Avena sativa L. landraces stored in a germplasm bank. Israel Journal of Plant Sciences, 2005, 53, 135-145. | 0.3 | 0 |
| 543 | Utilization of Genetic Resources for Barley Improvement. Genetic Resources, Chromosome Engineering, and Crop Improvement Series, 2006, , 233-255. | 0.3 | 3 |
| 544 | Roadmap of Genomics Research in the 21st Century. , 2010, , 571-582. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 545 | Title is missing!. , 1991, , . | | 4 |
| 546 | Germplasm Acquisition, Maintenance, and Evaluation. Current Plant Science and Biotechnology in Agriculture, 1996, , 206-220. | 0.0 | 0 |
| 547 | Parental proportions maximizing the mean value of a parameter in a panmictic population can be useful in plant breeding. Agronomy for Sustainable Development, 1996, 16, 257-264. | 0.8 | 0 |
| 548 | Use of molecular markers and morpho-agronomical characters in the management of plant germplasm. Current Plant Science and Biotechnology in Agriculture, 1999, , 57-71. | 0.0 | 1 |
| 549 | Genetic Resources, Diversity and Association Mapping in Peanut. , 2014, , 37-60. | | 0 |
| 550 | The Challenge Ahead. , 0, , 401-405. | | 0 |
| 551 | Diversity Level, Spearmanâ€™s Ranking and Core Collections from 98 Rice Germplasm through Quantitative, Qualitative and Molecular Characterizations. Rice Genomics and Genetics, 0, , . | 0.0 | 0 |
| 552 | Barley Genetic Resources for Climate-Change Adaptation: Searching for Heat-Tolerant Traits through Rapid Evaluation of Subsets. , 2016, , 87-97. | | 0 |
| 553 | Plant Genetic Diversity: Statistical Methods for Analyzing Distribution and Diversity of Species. , 2016, , 189-203. | | 0 |
| 555 | Peanut (<i>Arachis hypogaea</i> L.) Breeding. , 2019, , 253-299. | | 1 |
| 557 | HETEROSIS AND COMBINING ABILITY FOR GRAIN YIELD AND EARLINESS IN ACCESSIONS OF A RICE CORE COLLECTION. Functional Plant Breeding Journal, 2019, 1, 45-58. | 0.2 | 0 |
| 558 | Genetic diversity in <i>Cynara</i> spp. assessment and management for its conservation and utilization. Acta Horticulturae, 2020, , 19-32. | 0.1 | 0 |
| 559 | Strategic use of Iranian bread wheat landrace accessions for genetic improvement: Core set formulation and validation. Plant Breeding, 2021, 140, 87-99. | 1.0 | 8 |
| 560 | Diversity study among Guinea grass (<i>Megathyrsus maximus</i> Jacq.) (Poales: Poaceae) genotypes and development of a core germplasm set. Plant Genetic Resources: Characterisation and Utilisation, 2020, 18, 470-482. | 0.4 | 3 |
| 561 | Efficient Breeding of Pulse Crops. , 2020, , 1-30. | | 6 |
| 562 | Genomics-Assisted Breeding Green Gram (<i>Vigna radiata</i> (L.) Wilczek) for Accelerating Genetic Gain. , 2020, , 143-171. | | 4 |
| 563 | Development of core-collections for Guizhou tea genetic resources and GWAS of leaf size using SNP developed by genotyping-by-sequencing. PeerJ, 2020, 8, e8572. | 0.9 | 14 |
| 564 | Sorghum genetic, genomic, and breeding resources. Planta, 2021, 254, 114. | 1.6 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 565 | Relationship of Cultivated Grain Amaranth Species and Wild Relative Accessions. <i>Genes</i> , 2021, 12, 1849. | 1.0 | 14 |
| 566 | Selection of a core collection of <i>Prunus sibirica</i> L. germplasm by a stepwise clustering method using simple sequence repeat markers. <i>PLoS ONE</i> , 2021, 16, e0260097. | 1.1 | 6 |
| 567 | Biodiversity of Tropical Fruits and their Conservation in India. <i>Journal of Horticultural Sciences</i> , 2020, 15, 107-126. | 0.1 | 1 |
| 568 | Agro-Morphological Characterization of Lentil Germplasm of Indian National Genebank and Development of a Core Set for Efficient Utilization in Lentil Improvement Programs. <i>Frontiers in Plant Science</i> , 2021, 12, 751429. | 1.7 | 19 |
| 569 | Genome-Wide Association Study of Leaf Chlorophyll Content Using High-Density SNP Array in Peanuts (<i>Arachis hypogaea</i> L.). <i>Agronomy</i> , 2022, 12, 152. | 1.3 | 4 |
| 570 | Strategies, Opportunities, and Challenges in Crop Genetic Diversity Conservation: A Plant Breeder's Perspective. , 2022, , 151-169. | | 1 |
| 571 | Morphological and nutritional diversity among accessions of marvel grass (<i>Dichanthium annulatum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 0.6 | 1 |
| 572 | Genetic diversity and core collection extraction of <i>Robinia pseudoacacia</i> L. germplasm resources based on phenotype, physiology, and genotyping markers. <i>Industrial Crops and Products</i> , 2022, 178, 114627. | 2.5 | 25 |
| 573 | Construction of a core collection of native <i>Perilla</i> germplasm collected from South Korea based on SSR markers and morphological characteristics. <i>Scientific Reports</i> , 2021, 11, 23891. | 1.6 | 11 |
| 574 | Phenotypic Characterization, Genetic Diversity Assessment in 6,778 Accessions of Barley (<i>Hordeum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Set. <i>Frontiers in Plant Science</i> , 2022, 13, 771920. | 1.7 | 11 |
| 575 | Genome-Wide Association Studies of Plant Architecture-Related Traits in the Chinese Soybean Mini Core Collection. <i>Agronomy</i> , 2022, 12, 817. | 1.3 | 0 |
| 576 | Genetic Diversity Maximization as a Strategy for Resilient Forest Ecosystems: A Case Study on Norway Spruce. <i>Forests</i> , 2022, 13, 489. | 0.9 | 4 |
| 578 | DIVIS: a semantic Distance to improve the VISualisation of heterogeneous phenotypic datasets. <i>BioData Mining</i> , 2022, 15, 10. | 2.2 | 1 |
| 579 | Identification and Validation of a Core Single-Nucleotide Polymorphism Marker Set for Genetic Diversity Assessment, Fingerprinting Identification, and Core Collection Development in Bottle Gourd. <i>Frontiers in Plant Science</i> , 2021, 12, 747940. | 1.7 | 11 |
| 580 | A first insight into genetic diversity of Jerusalem artichoke accessions collected from different regions of Turkey assessed by ISSR markers. <i>International Journal of Agriculture Environment and Food Sciences</i> , 0, , 651-655. | 0.2 | 0 |
| 615 | Field Pea Breeding. , 2022, , 1237-1321. | | 2 |
| 616 | Groundnut Breeding. , 2022, , 837-906. | | 0 |
| 617 | Core Collections: Is There Any Value for Cotton Breeding?. <i>Frontiers in Plant Science</i> , 2022, 13, 895155. | 1.7 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 618 | Overview of developed core and mini core collections and their effective utilization in cultivated rice and its related species (<i>Oryza</i> sp.) – A review. <i>Plant Breeding</i> , 2022, 141, 501-512. | 1.0 | 5 |
| 620 | Exploitation of epigenetic variation of crop wild relatives for crop improvement and agrobiodiversity preservation. <i>Theoretical and Applied Genetics</i> , 2022, 135, 3987-4003. | 1.8 | 7 |
| 621 | Identification of superior parents with high fiber quality using molecular markers and phenotypes based on a core collection of upland cotton (<i>Gossypium hirsutum</i> L.). <i>Molecular Breeding</i> , 2022, 42, . | 1.0 | 0 |
| 622 | The history of seed banking and the hazards of backup. <i>Social Studies of Science</i> , 0, , 030631272211067. | 1.5 | 6 |
| 623 | Construction of a worldwide core collection of rapeseed and association analysis for waterlogging tolerance. <i>Plant Growth Regulation</i> , 2022, 98, 321-328. | 1.8 | 5 |
| 624 | Garlic: retrospect, status quo and dimensions. <i>Genetic Resources and Crop Evolution</i> , 0, , . | 0.8 | 0 |
| 625 | Genetic diversity and structure of a core collection of Huangqi (<i>Astragalus</i> spp.) developed using genomic simple sequence repeat markers. <i>Genetic Resources and Crop Evolution</i> , 2023, 70, 571-585. | 0.8 | 4 |
| 626 | A multiple phenotype imputation method for genetic diversity and core collection in Taiwanese vegetable soybean. <i>Frontiers in Plant Science</i> , 0, 13, . | 1.7 | 1 |
| 627 | Intraspecific genetic variation among <i>Sehima nervosum</i> genotypes in relation to agro-climatic diversity. <i>Crop and Pasture Science</i> , 2022, , . | 0.7 | 0 |
| 628 | Creation and validation of core subset of potato (<i>Solanum tuberosum</i>) germplasm. , 2022, 92, 164-168. | | 0 |
| 629 | Genetic diversity analysis and core collection construction for <i>Amaranthus tricolor</i> germplasm based on genome-wide single-nucleotide polymorphisms. <i>Scientia Horticulturae</i> , 2023, 307, 111428. | 1.7 | 10 |
| 631 | A strategy to identify representative maize core collections based on kernel properties. <i>Genetic Resources and Crop Evolution</i> , 0, , . | 0.8 | 3 |
| 632 | Genomics-informed prebreeding unlocks the diversity in genebanks for wheat improvement. <i>Nature Genetics</i> , 2022, 54, 1544-1552. | 9.4 | 32 |
| 633 | Data, Duplication, and Decentralisation: Gene Bank Management in the 1980s and 1990s. , 2023, , 163-182. | | 0 |
| 634 | Ex Situ Conservation of Plant Genetic Resources: An Overview of Chickpea (<i>Cicer arietinum</i> L.) and Lentil (<i>Lens culinaris</i> Medik.) Worldwide Collections. <i>Diversity</i> , 2022, 14, 941. | 0.7 | 4 |
| 635 | Genetic Diversity and Population Structure Analysis of <i>Castanopsis hystrix</i> and Construction of a Core Collection Using Phenotypic Traits and Molecular Markers. <i>Genes</i> , 2022, 13, 2383. | 1.0 | 9 |
| 636 | Variability in Maturity, Oil and Protein Concentration, and Genetic Distinctness among Soybean Accessions Conserved at Plant Gene Resources of Canada. <i>Plants</i> , 2022, 11, 3525. | 1.6 | 1 |
| 637 | Genetic Diversity Analysis and Core Collection Construction of the <i>Actinidia chinensis</i> Complex (Kiwifruit) Based on SSR Markers. <i>Agronomy</i> , 2022, 12, 3078. | 1.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 638 | Genomics-based assembly of a sorghum bicolor (L.) moench core collection in the Uganda national genebank as a genetic resource for sustainable sorghum breeding. Genetic Resources and Crop Evolution, 0, , . | 0.8 | 0 |
| 639 | Establishment of DNA Molecular Fingerprint of Caladium Core Collections. Agriculture (Switzerland), 2023, 13, 200. | 1.4 | 0 |
| 640 | Analysis of germplasm genetic diversity and construction of a core collection in Camellia oleifera C.Abel by integrating novel simple sequence repeat markers. Genetic Resources and Crop Evolution, 2023, 70, 1517-1530. | 0.8 | 1 |
| 642 | Develop a preliminary core germplasm with the novel polymorphism EST-SSRs derived from three transcriptomes of colored calla lily (Zantedeschia hybrida). Frontiers in Plant Science, 0, 14, . | 1.7 | 0 |
| 643 | First assessment of Iranian pomegranate germplasm using targeted metabolites and morphological traits to develop the core collection and modeling of the current and future spatial distribution under climate change conditions. PLoS ONE, 2023, 18, e0265977. | 1.1 | 2 |
| 644 | Construction of a Core Collection of Germplasms from Chinese Fir Seed Orchards. Forests, 2023, 14, 305. | 0.9 | 5 |
| 645 | Validation of Genome-Wide SSR Markers Developed for Genetic Diversity and Population Structure Study in Grain Amaranth (Amaranthus hypochondriacus). Agriculture (Switzerland), 2023, 13, 431. | 1.4 | 3 |
| 646 | The Prospects of gene introgression from crop wild relatives into cultivated lentil for climate change mitigation. Frontiers in Plant Science, 0, 14, . | 1.7 | 6 |
| 647 | Development of a Core Collection for Tetraclinis articulata Using ISSR Markers and Maximization Strategy. Plant Molecular Biology Reporter, 0, , . | 1.0 | 0 |
| 648 | Comparison of genotypic and phenotypic selection of breeding parents in a carrot (<i>Daucus</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 0.8 | 0 |
| 649 | Differentiation of Andean and Mesoamerican accessions in a proposed core collection of grain amaranths. Frontiers in Plant Science, 0, 14, . | 1.7 | 0 |
| 650 | Assessing Genetic Distinctness and Redundancy of Plant Germplasm Conserved Ex Situ Based on Published Genomic SNP Data. Plants, 2023, 12, 1476. | 1.6 | 0 |
| 668 | Resistance sources. , 2024, , 175-194. | | 0 |
| 677 | Linking of Genebank to Breeding and Food Security. , 2024, , 9-34. | | 0 |
| 678 | Morpho-agronomic character bring dynamics for maize core collection development. AIP Conference Proceedings, 2024, , . | 0.3 | 0 |
| 679 | Development of taro core collections using morpho-agronomic traits for efficient Genebank management. AIP Conference Proceedings, 2024, , . | 0.3 | 0 |