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1023	Rate and pattern of mutation at microsatellite loci in maize. 2002 , 19, 1251-60		226
1022	One origin for maize. 2002 , 18, 344		1

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1019	From plant genomics to breeding practice. 2003 , 14, 214-9	168
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1017	Transgene introgression from genetically modified crops to their wild relatives. 2003 , 4, 806-17	314
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1010	Phytolith Evidence for Early Maize (<i>Zea Mays</i>) in the Northern Finger Lakes Region of New York. 2003 , 68, 619-640	56
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1008	Directional evolution for microsatellite size in maize. 2003 , 20, 1480-3	39
1007	Study on the evolution of the grande retrotransposon in the zea genus. 2003 , 20, 831-41	21
1006	The lowdown on linkage disequilibrium. 2003 , 15, 1502-6	179
1005	Early allelic selection in maize as revealed by ancient DNA. 2003 , 302, 1206-8	224
1004	Photomorphogenic responses in maize seedling development. 2003 , 133, 1578-91	55

1003	Sweet Beginnings. 2003 , 44, 675-703		116
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1001	Pattern of diversity in the genomic region near the maize domestication gene <i>tb1</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 700-7	11.5	240
1000	Molecular-genetic characterization of CMS-S restorer-of-fertility alleles identified in Mexican maize and teosinte. 2004 , 166, 959-70		30
999	Transgenic maize and the evolution of landrace diversity in Mexico. The importance of farmers' behavior. 2004 , 134, 883-8		46
998	Selection versus demography: a multilocus investigation of the domestication process in maize. 2004 , 21, 1214-25		220
997	Inflorescence development in a new teosinte: <i>Zea nicaraguensis</i> (Poaceae). 2004 , 91, 165-73		7
996	Exploiting quantitative trait loci in gene discovery. 2004 , 18, 597-601		7
995	Natural hybridization and the evolution of domesticated, pest and disease organisms. 2004 , 13, 997-1007		125
994	A new set of microsatellite markers for the peach palm (<i>Bactris gasipaes</i> Kunth); characterization and across-taxa utility within the tribe Cocoeae. 2004 , 4, 580-582		16
993	Patterns of population structure in maize landraces from the Central Valleys of Oaxaca in Mexico. 2004 , 92, 88-94		111
992	Population structure and strong divergent selection shape phenotypic diversification in maize landraces. 2004 , 92, 95-101		114
991	Corn and humans: recombination and linkage disequilibrium in two genomes of similar size. 2004 , 20, 103-11		180
990	Sequencing the maize genome. 2004 , 7, 102-7		48
989	Modelling airborne concentration and deposition rate of maize pollen. 2004 , 38, 5555-5566		73
988	Use of molecular markers for the development of new cultivars and the evaluation of genetic diversity. 2004 , 137, 81-94		44
987	Genetic analyses from ancient DNA. 2004 , 38, 645-79		904
986	Sources and predictors of resolvable indel polymorphism assessed using rice as a model. 2004 , 271, 298-307		10

985	Tightly linked di- and tri-nucleotide microsatellites do not evolve in complete independence: evidence from linked (TA) _n and (TAA) _n microsatellites of chickpea (<i>Cicer arietinum</i> L.). 2004 , 108, 550-7	4
984	Development of SSR markers for the phylogenetic analysis of almond trees from China and the Mediterranean region. 2004 , 47, 1091-104	68
983	GISH Genomic in situ hybridization reveals cryptic genetic differences between maize and its putative wild progenitor <i>Zea mays</i> subsp. <i>parviglumis</i> . 2004 , 47, 947-53	9
982	The genetics of maize evolution. 2004 , 38, 37-59	408
981	Detecting (trans)gene flow to landraces in centers of crop origin: lessons from the case of maize in Mexico. 2005 , 4, 197-208; discussion 209-15	37
980	Population genomics: patterns of genetic variation within populations. 2005 ,	
979	Early <i>Zea</i> cultivation in Honduras: Implications for the iltis hypothesis. 2005 , 59, 101-111	7
978	Estimating pollen flow using SSR markers and paternity exclusion: accounting for mistyping. 2005 , 14, 3109-21	54
977	Origins, genetic organization and transcription of a family of non-autonomous helitron elements in maize. 2005 , 43, 799-810	74
976	Maize association population: a high-resolution platform for quantitative trait locus dissection. 2005 , 44, 1054-64	633
975	Integrating genetic information into plant breeding programmes: how will we produce varieties from molecular variation, using bioinformatics?. 2005 , 146, 223-237	17
974	Maize genetics: the treasure of the Sierra Madre. 2005 , 15, R137-9	1
973	Genomics at the origins of agriculture, part one. 2005 , 14, 68-77	27
972	Molecular evolution of the Opaque-2 gene in <i>Zea mays</i> L. 2005 , 61, 551-8	15
971	Population structure and long-range linkage disequilibrium in a durum wheat elite collection. 2005 , 15, 271-290	184
970	The Transition to Agriculture: Climate Reversals, Population Density, and Technical Change. 2005 ,	3
969	Some physical properties of teosinte (<i>Zea mays</i> subsp. <i>parviglumis</i>) pollen. 2005 , 56, 2401-7	14
968	Cis-effects on meiotic recombination across distinct a1-sh2 intervals in a common <i>Zea</i> genetic background. 2005 , 170, 1929-44	33

967	An analysis of genetic diversity across the maize genome using microsatellites. 2005 , 169, 1617-30		126
966	A single domestication for potato based on multilocus amplified fragment length polymorphism genotyping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 14694-9	11.5	274
965	Genetic diversity and population structure of teosinte. 2005 , 169, 2241-54		130
964	Gene and Genome Changes During Domestication of Cereals. 2004 , 165-198		2
963	Estimating a nucleotide substitution rate for maize from polymorphism at a major domestication locus. 2005 , 22, 2304-12		60
962	Selective sweep mapping of genes with large phenotypic effects. 2005 , 15, 1809-19		86
961	Evolution of DNA sequence nonhomologies among maize inbreds. 2005 , 17, 343-60		255
960	Algorithms for selecting informative marker panels for population assignment. 2005 , 12, 1183-201		49
959	The genome organization and diversification of maize and its allied species revisited: evidences from classical and FISH-GISH cytogenetic analysis. 2005 , 109, 259-67		19
958	A large-scale screen for artificial selection in maize identifies candidate agronomic loci for domestication and crop improvement. 2005 , 17, 2859-72		202
957	Genetic diversity and the evolutionary history of plant immunity genes in two species of Zea. 2005 , 22, 2480-90		31
956	The effects of artificial selection on the maize genome. 2005 , 308, 1310-4		634
955	Genetic structure and diversity in <i>Oryza sativa</i> L. 2005 , 169, 1631-8		737
954	Cereal Genomics. 2005 ,		3
953	Phylogeography of Asian wild rice, <i>Oryza rufipogon</i> , reveals multiple independent domestications of cultivated rice, <i>Oryza sativa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 9578-83	11.5	487
952	Anthropological Applications of Ancient DNA: Problems and Prospects. 2006 , 71, 365-380		26
951	The molecular genetics of crop domestication. 2006 , 127, 1309-21		1247
950	Biochemical limitations to high-level expression of humanized monoclonal antibodies in transgenic maize seed endosperm. 2006 , 1760, 1434-44		15

949	Ancient olive DNA in pits: preservation, amplification and sequence analysis. 2006 , 33, 77-88	38
948	Molding maize: the shaping of a crop diversity landscape in the western highlands of Guatemala. 2006 , 32, 689-711	18
947	Evidence for a Selective Sweep on Chromosome 1 of Cultivated Sorghum. 2006 , 46, S-27	8
946	Conservation and Change: A Comparison of In situ and Ex situ Conservation of Jala Maize Germplasm. 2006 , 46, 428-436	23
945	. 2006 ,	3
944	Transgenic Crops and Crop Varietal Diversity: The Case of Maize in Mexico. 2006 , 56, 503	22
943	Plant Genetic Resources Conservation and Utilization: The Accomplishments and Future of a Societal Insurance Policy. 2006 , 46, 2278-2292	228
942	Changes in farmers' knowledge of maize diversity in highland Guatemala, 1927/37-2004. 2006 , 2, 12	12
941	Domestication history in the <i>Medicago sativa</i> species complex: inferences from nuclear sequence polymorphism. 2006 , 15, 1589-602	48
940	Microsatellite DNA Analysis of Wild Hops, <i>Humulus lupulus</i> L.. 2006 , 53, 1553-1562	29
939	Examining the Role of Collective Action in an Informal Seed System: A Case Study from the Central Valleys of Oaxaca, Mexico. 2006 , 34, 249-273	69
938	Traditional Mexican Agricultural Systems and the Potential Impacts of Transgenic Varieties on Maize Diversity. 2006 , 23, 3-14	24
937	Grouping of accessions of Mexican races of maize revisited with SSR markers. 2006 , 113, 177-85	61
936	Diversity of wild and cultivated pearl millet accessions (<i>Pennisetum glaucum</i> [L.] R. Br.) in Niger assessed by microsatellite markers. 2006 , 114, 49-58	107
935	The accumulation of deleterious mutations in rice genomes: a hypothesis on the cost of domestication. 2006 , 22, 126-31	179
934	Documenting domestication: the intersection of genetics and archaeology. 2006 , 22, 139-55	275
933	Molecular and functional diversity of maize. 2006 , 9, 172-6	168
932	Central questions in the domestication of plants and animals. 2006 , 15, 105-117	143

931	QUATERNARY ENVIRONMENTAL HISTORY AND AGRICULTURAL IMPACT ON VEGETATION IN CENTRAL AMERICA. 2006 , 93, 274-296		63
930	Panzea: a database and resource for molecular and functional diversity in the maize genome. 2006 , 34, D752-7		74
929	A New Subspecies of <i>Solanum scabrum</i> Miller Found in Uganda. 2006 , 16, 508-511		5
928	A selfish gene governing pollen-pistil compatibility confers reproductive isolation between maize relatives. 2006 , 172, 499-506		38
927	Chloroplast DNA variation confirms a single origin of domesticated sunflower (<i>Helianthus annuus</i> L.). 2006 , 97, 403-8		48
926	Remarkable variation in maize genome structure inferred from haplotype diversity at the <i>bz</i> locus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 17644-9	11.5	168
925	Maize adaptation to temperate climate: relationship between population structure and polymorphism in the Dwarf8 gene. 2006 , 172, 2449-63		171
924	Identification of teosinte, maize, and <i>Tripsacum</i> in Mesoamerica by using pollen, starch grains, and phytoliths. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17608-13	11.5	96
923	Serendipitous backyard hybridization and the origin of crops. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 14389-94	11.5	59
922	Microfossil evidence for pre-Columbian maize dispersals in the neotropics from San Andres, Tabasco, Mexico. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 6870-5	11.5	79
921	Profile of Dolores R. Piperno. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11871-3	11.5	
920	Genomic screening for artificial selection during domestication and improvement in maize. 2007 , 100, 967-73		53
919	Microsatellite typing of ancient maize: insights into the history of agriculture in southern South America. 2007 , 274, 545-54		30
918	Genetic diversity and population structure of wild olives from the North-Western Mediterranean assessed by SSR markers. 2007 , 100, 449-58		112
917	Population structure and its effects on patterns of nucleotide polymorphism in teosinte (<i>Zea mays</i> ssp. <i>parviglumis</i>). 2007 , 176, 1799-809		51
916	Late Pleistocene and Holocene environmental history of the Iguala Valley, Central Balsas Watershed of Mexico. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11874-81	11.5	100
915	Tzeltal and Tzotzil Farmer Knowledge and Maize Diversity in Chiapas, Mexico. 2007 , 48, 289-300		37
914	How some people became farmers. 2007 , 36-52		

913	Agricultural improvement in modern times. 2007 , 261-278		1
912	Isolation and characterization of microsatellite markers for analysis of molecular variation in the medicinal plant Madagascar periwinkle (<i>Catharanthus roseus</i> (L.) G. Don). 2007 , 172, 441-451		27
911	Genetics and phylogenetics of rice domestication. 2007 , 17, 533-8		137
910	Linkage Disequilibrium. 2007 , 11-39		15
909	Corn Breeding in the Twenty-First Century. 227-244		0
908	Plant domestication, a unique opportunity to identify the genetic basis of adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104 Suppl 1, 8641-8	11.5	284
907	Architectural evolution and its implications for domestication in grasses. 2007 , 100, 941-50		91
906	Domestication of plants in the Americas: insights from Mendelian and molecular genetics. 2007 , 100, 925-40		246
905	Starch grain evidence for the preceramic dispersals of maize and root crops into tropical dry and humid forests of Panama. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 3651-6	11.5	111
904	The probability distribution under a population divergence model of the number of genetic founding lineages of a population or species. 2007 , 71, 502-23		5
903	Evaluating the Reliability of Structure Outputs in Case of Relatedness between Individuals. 2007 , 47, 887-890		23
902	Bridging Genomics and Genetic Diversity: Linkage Disequilibrium Structure and Association Mapping in Maize and Other Cereals. 2007 , 47, S-60-S-71		18
901	Getting the Point Mutations in Maize. 2007 , 47, S-60		20
900	Niche construction and the behavioral context of plant and animal domestication. 2007 , 16, 188-199		154
899	A northward colonisation of the Andes by the potato cyst nematode during geological times suggests multiple host-shifts from wild to cultivated potatoes. 2007 , 42, 308-16		43
898	Has solar variability caused climate change that affected human culture?. 2007 , 40, 1173-1180		9
897	Maize Sh2 gene is constrained by natural selection but escaped domestication. 2007 , 20, 503-16		12
896	Domestication of maize, sorghum, and sugarcane did not drive the divergence of their smut pathogens. 2007 , 61, 388-403		33

895	Molecular Population Genetics of Rice Domestication. 2007 , 49, 769-775	7
894	The Puzzle of Rice Domestication. 2007 , 49, 760-768	132
893	The Dynamics of Farmers' Maize Seed Supply Practices in the Central Valleys of Oaxaca, Mexico. 2007 , 35, 1579-1593	57
892	Diversity of Slovenian maize (<i>Zea mays</i>) populations by Hbr (MITE) markers and morphological traits. 2007 , 43, 989-995	3
891	Complex mutational patterns and size homoplasy at maize microsatellite loci. 2007 , 115, 981-91	23
890	Differentiation among Maize (<i>Zea mays</i> L.) Landraces from the Tarasca Mountain Chain, Michoacan, Mexico and the Chalqueñ Complex. 2007 , 54, 309-325	9
889	Climate stability and the development of agricultural societies. 2007 , 84, 295-311	18
888	Biased distribution of microsatellite motifs in the rice genome. 2007 , 277, 469-80	55
887	Niger-wide assessment of in situ sorghum genetic diversity with microsatellite markers. 2008 , 116, 903-13	62
886	Phylogeny and origin of pearl millet (<i>Pennisetum glaucum</i> [L.] R. Br) as revealed by microsatellite loci. 2008 , 117, 489-97	103
885	Meiotic genes and proteins in cereals. 2008 , 120, 291-301	12
884	Genetic diversity of Moroccan populations of <i>Orobanche foetida</i> : evolving from parasitising wild hosts to crop plants. 2008 , 48, 179-186	31
883	Asymmetrical local adaptation of maize landraces along an altitudinal gradient. 2008 , 1, 489-500	55
882	Kernel amino acid composition and protein content of introgression lines from <i>Zea mays</i> ssp. <i>mexicana</i> into cultivated maize. 2008 , 48, 387-393	25
881	Plant Breeding: Past, Present, and Future. 2008 , 3-50	14
880	Comparison between classical and Bayesian methods to investigate the history of olive cultivars using SSR-polymorphisms. 2008 , 175, 524-532	61
879	The origins of plant pathogens in agro-ecosystems. 2008 , 46, 75-100	411
878	Response of wild C4 crop progenitors to subambient CO2 highlights a possible role in the origin of agriculture. 2008 , 14, 576-587	27

877	Molecular insights into the evolution of crop plants. 2008 , 95, 113-22		108
876	<i>Phaseolus vulgaris</i> : A Diploid Model for Soybean. 2008 , 55-76		23
875	Recent insights into the evolution of genetic diversity of maize. 2008 , 4, 119-130		
874	Inference of the japonica rice domestication process from the distribution of six functional nucleotide polymorphisms of domestication-related genes in various landraces and modern cultivars. 2008 , 49, 1283-93		32
873	Directly dated starch residues document early formative maize (<i>Zea mays</i> L.) in tropical Ecuador. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 5006-11	11.5	111
872	Population structure and genetic diversity of New World maize races assessed by DNA microsatellites. 2008 , 95, 1240-53		206
871	Patterns of molecular evolution associated with two selective sweeps in the Tb1-Dwarf8 region in maize. 2008 , 180, 1107-21		30
870	INCREASING THE IMPACTS OF PARTICIPATORY RESEARCH. 2008 , 44, 81-95		31
869	Food Globalization and Local Diversity. 2008 , 49, 281-290		13
868	Spontaneous mutational and standing genetic (co)variation at dinucleotide microsatellites in <i>Caenorhabditis briggsae</i> and <i>Caenorhabditis elegans</i> . 2009 , 26, 659-69		28
867	<i>Ustilago maydis</i> populations tracked maize through domestication and cultivation in the Americas. 2008 , 275, 1037-46		45
866	Climatic Adaptation and Ecological Descriptors of 42 Mexican Maize Races. 2008 , 48, 1502-1512		64
865	El Maíz (<i>Zea Mays</i>) en el Mundo Prehispánico de Chile Central. 2008 , 19, 25-46		28
864	Inter- and intra-population variation of local maize (<i>Zea mays</i> L.) populations from Slovakia and Czech Republic. 2008 , 43, 7-15		2
863	References. 505-583		
862	Microsatellite-based Analysis of Tobacco (<i>Nicotiana tabacum</i> L.) Genetic Resources. 2009 , 49, 2149-2159		28
861	Tracking footprints of maize domestication and evidence for a massive selective sweep on chromosome 10. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106 Suppl 1, 9979-86	11.5	106
860	Starch grain and phytolith evidence for early ninth millennium B.P. maize from the Central Balsas River Valley, Mexico. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 5019-24	11.5	404

859	Historical divergence and gene flow in the genus <i>Zea</i> . 2009 , 181, 1399-413		133
858	Rio Balsas most likely region for maize domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4957-8	11.5	25
857	Maize (<i>Zea mays</i>): a model organism for basic and applied research in plant biology. 2009 , 2009, pdb.emo132		69
856	A cellular study of teosinte <i>Zea mays</i> subsp. <i>parviglumis</i> (Poaceae) caryopsis development showing several processes conserved in maize. 2009 , 96, 1798-807		12
855	The cultural and chronological context of early Holocene maize and squash domestication in the Central Balsas River Valley, Mexico. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 5014-8	11.5	167
854	Sequence determinants of human microsatellite variability. 2009 , 10, 612		36
853	Genetic diversity and population structure of the endangered and medically important <i>Rheum tanguticum</i> (Polygonaceae) revealed by SSR Markers. 2009 , 37, 613-621		38
852	Genetic diversity in maize landraces from indigenous settlements of Northeastern Argentina. 2009 , 135, 39-49		27
851	Climate reversals and the transition to agriculture. 2009 , 14, 27-53		20
850	Distillation in Western Mesoamerica before European Contact. 2009 , 63, 413-426		14
849	Estimating maize genetic erosion in modernized smallholder agriculture. 2009 , 119, 875-88		40
848	Microsatellite variation in maize landraces from Northwestern Argentina: genetic diversity, population structure and racial affiliations. 2009 , 119, 1053-67		31
847	Wide variability in kernel composition, seed characteristics, and zein profiles among diverse maize inbreds, landraces, and teosinte. 2009 , 119, 1129-42		73
846	Genetic diversity and population structure analysis of accessions in the US historic sweet sorghum collection. 2009 , 120, 13-23		108
845	Development, polymorphism, and cross-taxon utility of EST-SSR markers from safflower (<i>Carthamus tinctorius</i> L.). 2009 , 120, 85-91		73
844	Introgression from modern hybrid varieties into landrace populations of maize (<i>Zea mays</i> ssp. <i>mays</i> L.) in central Italy. 2009 , 18, 603-21		47
843	Genetic markers in the playground of multivariate analysis. 2009 , 102, 330-41		216
842	Genetic diversity of starch synthesis genes of Chinese maize (<i>Zea mays</i> L.) with SNAPs. 2009 , 43, 937-945		1

841	Association mapping of straighthead disorder induced by arsenic in <i>Oryza sativa</i> . 2009 , 128, 551-558	30
840	The direct and indirect impacts of population growth and economic development on maize (<i>Zea mays</i> L.) diversity in highland Guatemala. 2009 , 41, 72-81	8
839	A comparative view of the evolution of grasses under domestication. 2009 , 183, 273-290	156
838	Selection on grain shattering genes and rates of rice domestication. 2009 , 184, 708-720	107
837	The use of multiple discriminant analysis in classifying prehistoric phytolith assemblages recovered from cooking residues. 2009 , 36, 74-83	17
836	The complex origins of domesticated crops in the Fertile Crescent. 2009 , 24, 103-9	205
835	The Palomero genome suggests metal effects on domestication. 2009 , 326, 1078	65
834	The LTR-Retrotransposons of Maize. 2009 , 307-327	22
833	Robustness of QTLs across germplasm pools using a model quantitative trait. 2009 , 52, 39-48	2
832	Genetic diversity and structure in semiwild and domesticated chiles (<i>Capsicum annum</i> ; Solanaceae) from Mexico. 2009 , 96, 1190-202	119
831	The Putative Mesoamerican Domestication Center of <i>Phaseolus vulgaris</i> Is Located in the Lerma-Santiago Basin of Mexico. 2009 , 49, 554-563	84
830	Multiple Origins of Lima Bean Landraces in the Americas: Evidence from Chloroplast and Nuclear DNA Polymorphisms. 2010 , 50, 1773-1787	38
829	Crop Domestication as a Long-Term Selection Experiment. 2010 , 1-44	36
828	Allozyme-specific modification of a maize seed chitinase by a protein secreted by the fungal pathogen <i>Stenocarpella maydis</i> . 2010 , 100, 645-54	26
827	Nucleotide diversity and molecular evolution of the PSY1 gene in <i>Zea mays</i> compared to some other grass species. 2010 , 120, 709-20	29
826	The SSR-based molecular profile of 1005 grapevine (<i>Vitis vinifera</i> L.) accessions uncovers new synonymy and parentages, and reveals a large admixture amongst varieties of different geographic origin. 2010 , 121, 1569-85	157
825	A simulation of the effect of inbreeding on crop domestication genetics with comments on the integration of archaeobotany and genetics: a reply to Honne and Heun. 2010 , 19, 151-158	38
824	Unique evolutionary pattern of numbers of gramineous NBS-LRR genes. 2010 , 283, 427-38	107

823	Development of a Research Platform for Dissecting Phenotype-Genotype Associations in Rice (<i>Oryza</i> spp.). 2010 , 3, 205-217	62
822	Inferred origin of several Native American potatoes from the Pacific Northwest and Southeast Alaska using SSR markers. 2010 , 174, 15-29	4
821	Origin of agriculture and plant domestication in West Mesoamerica. 2010 , 57, 813-825	61
820	Genetic diversity in domesticated soybean (<i>Glycine max</i>) and its wild progenitor (<i>Glycine soja</i>) for simple sequence repeat and single-nucleotide polymorphism loci. 2010 , 188, 242-53	140
819	Origin, diffusion and reproduction of the giant reed (<i>Arundo donax</i> L.): a promising weedy energy crop. 2010 , 157, 191-202	95
818	Population structure of wild wheat D-genome progenitor <i>Aegilops tauschii</i> Coss.: implications for intraspecific lineage diversification and evolution of common wheat. 2010 , 19, 999-1013	88
817	Evidence of selection at the <i>ramosa1</i> locus during maize domestication. 2010 , 19, 1296-311	44
816	Inferring ancient Agave cultivation practices from contemporary genetic patterns. 2010 , 19, 1622-37	31
815	Population genetic structure of two primary parasitoids of <i>Spodoptera frugiperda</i> (Lepidoptera), <i>Chelonus insularis</i> and <i>Campoletis sonorensis</i> (Hymenoptera): to what extent is the host plant important?. 2010 , 19, 2168-79	11
814	Genetic diversity in hazelnut (<i>Corylus avellana</i> L.) cultivars from Black Sea countries assessed using SSR markers. 2010 , 129, 422	28
813	Conserving and Enhancing Maize Genetic Resources as Global Public Goods: A Perspective from CIMMYT. 2010 , 50, 13-28	55
812	The <i>Zea mays</i> sexual compatibility gene <i>ga2</i> : naturally occurring alleles, their distribution, and role in reproductive isolation. 2010 , 101, 737-49	35
811	Book reviews - John E. Staller. Maize cobs and cultures: history of <i>Zea mays</i> L. x+262 pages, 66 b&w & colour illustrations, 7 tables. 2010. Heidelberg: Springer; 978-3-642-0405-9 hardback £117; 978-3-642-04506-6 e-book. 2010 , 84, 1213-1214	
810	Population genetic analysis of safflower (<i>Carthamus tinctorius</i> ; Asteraceae) reveals a Near Eastern origin and five centers of diversity. 2010 , 97, 831-40	41
809	Integrating the processes in the evolutionary system of domestication. 2010 , 61, 935-44	59
808	All Maize Is Not Equal: Maize Variety Choices and Mayan Foodways in Rural Yucatan, Mexico. 2010 , 467-486	10
807	Agricultural Origins: Centers and Noncenters; A Near Eastern Reappraisal. 2010 , 29, 317-328	98
806	Bs1, a new chimeric gene formed by retrotransposon-mediated exon shuffling in maize. 2010 , 153, 1413-24	41

805	Agriculture and Language Dispersals. 2010 , 51, 163-191	44
804	Genetic control of photoperiod sensitivity in maize revealed by joint multiple population analysis. 2010 , 184, 799-812	88
803	Maize Cobs and Cultures: History of Zea mays L.. 2010 ,	13
802	Comparison of Fecundity and Body Size of Mexican and Argentinian Populations of Dalbulus maidis (Hemiptera: Cicadellidae). 2010 , 103, 544-547	8
801	Diversity of chromosomal karyotypes in maize and its relatives. 2010 , 129, 6-16	76
800	A single origin and moderate bottleneck during domestication of soybean (Glycine max): implications from microsatellites and nucleotide sequences. 2010 , 106, 505-14	100
799	Cereal landraces for sustainable agriculture. A review. 2010 , 30, 237-269	155
798	Ethnobotanic, Interdisciplinary and Multidisciplinary Methodologies. 2010 , 149-223	
797	Pre-pottery farmers on the Pacific coast of southern Mexico. 2010 , 37, 3401-3411	33
796	Holocene climate change and human impact, central Mexico: a record based on maar lake pollen and sediment chemistry. 2010 , 29, 618-632	45
795	Metabolic fingerprint of Brazilian maize landraces silk (stigma/styles) using NMR spectroscopy and chemometric methods. 2010 , 58, 2194-200	21
794	Pre-Columbian Foodways. 2010 ,	14
793	Analysis of Genetic Diversity in the North Eastern Himalayan Maize Landraces using Microsatellite Markers. 2010 , 19, 33-41	12
792	Cucumber (<i>Cucumis sativus</i>) and melon (<i>C. melo</i>) have numerous wild relatives in Asia and Australia, and the sister species of melon is from Australia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 14269-73	11.5 273
791	An analysis of selection on candidate genes for regulation, mobilization, uptake, and transport of iron in maize. 2011 , 54, 674-83	6
790	Backward Bottlenecks. 2011 , 52, 77-104	11
789	The Origins of Plant Cultivation and Domestication in the New World Tropics. 2011 , 52, S453-S470	250
788	From forest to field: perennial fruit crop domestication. 2011 , 98, 1389-414	241

787	Zea. 2011 , 457-488	1
786	Biodiversity in Date Palm: Molecular Markers as Indicators. 2011 , 371-406	2
785	Cultivation and domestication had multiple origins: arguments against the core area hypothesis for the origins of agriculture in the Near East. 2011 , 43, 628-652	131
784	The FT-like ZCN8 Gene Functions as a Floral Activator and Is Involved in Photoperiod Sensitivity in Maize. 2011 , 23, 942-60	183
783	A European perspective on maize history. 2011 , 334, 221-8	62
782	Biodiversity, evolution and adaptation of cultivated crops. 2011 , 334, 450-7	51
781	The landscape technology of spate irrigation amid development changes: Assembling the links to resources, livelihoods, and agrobiodiversity-food in the Bolivian Andes. 2011 , 21, 917-934	27
780	Cloning and Characterization of Putative Hd6 Ortholog Associated with Zea mays L. Photoperiod Sensitivity. 2011 , 10, 18-27	4
779	Processos evolutivos e a origem das plantas cultivadas. 2011 , 41, 1218-1228	3
778	. 2011 ,	76
777	Origins of maize: a further paradox resolved. 2011 , 2, 53	1
776	Conservation and diversity of seed associated endophytes in Zea across boundaries of evolution, ethnography and ecology. 2011 , 6, e20396	338
775	Teosinte inflorescence phytolith assemblages mirror Zea taxonomy. 2011 , 6, e18349	6
774	Genome size and transposable element content as determined by high-throughput sequencing in maize and Zea luxurians. 2011 , 3, 219-29	136
773	Identification of the geographic origin of Dendrobium thyrsoflorum on Chinese herbal medicine market using trinucleotide microsatellite markers. 2011 , 34, 1794-800	7
772	Synthetic Biology: Implications and Uses. 2011 ,	
771	Combining chloroplast and nuclear microsatellites to investigate origin and dispersal of New World sweet potato landraces. 2011 , 20, 3963-77	46
770	Population genetics of genomics-based crop improvement methods. 2011 , 27, 98-106	181

769	Assessing the vulnerability of traditional maize seed systems in Mexico to climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 13432-7	11.5	108
768	Genetic evidence for early flax domestication with capsular dehiscence. 2011 , 58, 1119-1128		54
767	Gene flow among different teosinte taxa and into the domesticated maize gene pool. 2011 , 58, 1243-1261		34
766	Factors Controlling Pre-Columbian and Early Historic Maize Productivity in the American Southwest, Part 1: The Southern Colorado Plateau and Rio Grande Regions. 2011 , 18, 1-60		34
765	Female gametophyte development and double fertilization in Balsas teosinte, <i>Zea mays</i> subsp. <i>parviglumis</i> (Poaceae). 2011 , 24, 219-29		11
764	Contrasted patterns of selection since maize domestication on duplicated genes encoding a starch pathway enzyme. 2011 , 122, 705-22		10
763	Genetic structure and relationships within and between cultivated and wild sorghum (<i>Sorghum bicolor</i> (L.) Moench) in Kenya as revealed by microsatellite markers. 2011 , 122, 989-1004		38
762	Effect of population structure corrections on the results of association mapping tests in complex maize diversity panels. 2011 , 122, 1149-60		44
761	Genetic diversity, structure, gene flow and evolutionary relationships within the <i>Sorghum bicolor</i> wild-weedy-crop complex in a western African region. 2011 , 123, 1231-46		44
760	Genetic variation within and between populations of a desert poplar (<i>Populus euphratica</i>) revealed by SSR markers. 2011 , 68, 1143-1149		27
759	Morphometric Analysis of Sunflower (<i>Helianthus annuus</i> L.) Achenes from Mexico and Eastern North America ¹ . 2011 , 65, 260-270		2
758	Genetic dissection of maize phenology using an intraspecific introgression library. 2011 , 11, 4		49
757	Leveraging genomic resources of model species for the assessment of diversity and phylogeny in wild and domesticated lentil. 2011 , 102, 315-29		43
756	Pre-Hispanic horticulture in the Paraná Delta (Argentina): archaeological and historical evidence. 2011 , 43, 554-575		24
755	Three new teosintes (<i>Zea</i> spp., Poaceae) from Mexico. 2011 , 98, 1537-48		22
754	Development of SSR and gene-targeted markers for construction of a framework linkage map of <i>Catharanthus roseus</i> . 2011 , 108, 321-36		23
753	Genetic signals of origin, spread, and introgression in a large sample of maize landraces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 1088-92	11.5	268
752	Wild Crop Relatives: Genomic and Breeding Resources. 2011 ,		13

751	Two transposable element insertions are causative mutations for the major domestication gene teosinte branched 1 in modern maize. 2011 , 21, 1267-70		30
750	Studying the Origins and Spread of Agriculture. 2011 , 210-235		1
749	Distinct genetic architectures for male and female inflorescence traits of maize. 2011 , 7, e1002383		175
748	Identification of an active new mutator transposable element in maize. 2011 , 1, 293-302		33
747	Seed Dormancy in Mexican Teosinte. 2011 , 51, 2056-2066		15
746	ZCN8 encodes a potential orthologue of Arabidopsis FT florigen that integrates both endogenous and photoperiod flowering signals in maize. 2011 , 62, 4833-42		83
745	Genetic Diversity and Population Structure of Elite Foxtail Millet [<i>Setaria italica</i> (L.) P. Beauv.] Germplasm in China. 2011 , 51, 1655-1663		31
744	The Nitrogen Adaptation Strategy of the Wild Teosinte Ancestor of Modern Maize, <i>Zea mays</i> subsp. <i>parviglumis</i> . 2011 , 51, 2780-2795		28
743	Evolution and Domestication of Lima Bean in Mexico: Evidence from Ribosomal DNA. 2012 , 52, 1698-1712		25
742	The origin and evolution of maize and its introduction into South-Eastern Europe. 2012 , 49, 92-104		1
741	New genes in traditional seed systems: diffusion, detectability and persistence of transgenes in a maize metapopulation. 2012 , 7, e46123		19
740	Reshaping of the maize transcriptome by domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 11878-83	11.5	113
739	ZmCCT and the genetic basis of day-length adaptation underlying the postdomestication spread of maize. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E1913-21 ^{11.5}	11.5	226
738	Is There any Genetic Variation among Native Mexican and Argentinian Populations of <i>Dalbulus maidis</i> (Hemiptera: Cicadellidae)? 2012 , 95, 150-155		13
737	Megabase-scale inversion polymorphism in the wild ancestor of maize. 2012 , 191, 883-94		68
736	The potential for underutilized crops to improve security of food production. 2012 , 63, 1075-9		151
735	Social Organization of Crop Genetic Diversity. The G × E × B Interaction Model. 2012 , 4, 1-32		63
734	Pre-ceramic maize from Paredones and Huaca Prieta, Peru. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 1755-9	11.5	67

733	Tackling drought stress: receptor-like kinases present new approaches. 2012 , 24, 2262-78	118
732	New insight into the history of domesticated apple: secondary contribution of the European wild apple to the genome of cultivated varieties. 2012 , 8, e1002703	258
731	Anhang. 2012 ,	
730	Evolutionary responses to a constructed niche: ancient Mesoamericans as a model of gene-culture coevolution. 2012 , 7, e38862	28
729	Teosinte as a model system for population and ecological genomics. 2012 , 28, 606-15	50
728	Nutraceutical Changes Induced in Blue and Red Pigmented Maize by Nixtamalization Process. 2012 , 173-187	
727	Rice domestication: histories and mysteries. 2012 , 21, 4412-3	4
726	Identification of marker-trait associations in the German winter barley breeding gene pool (<i>Hordeum vulgare</i> L.). 2012 , 30, 831-843	33
725	The Signs of Maize? A Reconsideration of What $\delta^{13}C$ Values Say about Palaeodiet in the Andean Region. 2012 , 40, 487-509	50
724	Diversity of Egg Parasitoids Attacking <i>Dalbulus maidis</i> (Hemiptera: Cicadellidae) Populations at Low and High Elevation Sites in Mexico and Argentina. 2012 , 95, 105-112	25
723	An improved methodology for the recovery of <i>Zea mays</i> and other large crop pollen, with implications for environmental archaeology in the Neotropics. 2012 , 22, 1087-1096	28
722	Plant defense against fall armyworm in micro-sympatric maize (<i>Zea mays</i> ssp. <i>mays</i>) and Balsas teosinte (<i>Zea mays</i> ssp. <i>parviglumis</i>). 2012 , 145, 191-200	21
721	Plant Domestication and Crop Evolution in the Near East: On Events and Processes. 2012 , 31, 241-257	77
720	How Does Biodiversity Influence the Ecology of Infectious Disease?. 2012 , 291-309	9
719	Diversity in global maize germplasm: characterization and utilization. 2012 , 37, 843-55	90
718	Biotechnologies for the management of genetic resources for food and agriculture. 2012 , 78, 1-167	24
717	Molecular approaches to origin, ancestry and domestication history of crop plants: Barley and clover as examples. 2012 , 10, 1-12	13
716	The Archaic Diet in Mesoamerica: Incentive for Milpa Development and Species Domestication. 2012 , 66, 328-343	46

715	Spatial structure and climatic adaptation in African maize revealed by surveying SNP diversity in relation to global breeding and landrace panels. 2012 , 7, e47832	17
714	The Origins of Food Production in Mesoamerica. 2012 ,	6
713	Introduction: The Domestication of Plants and Animals: Ten Unanswered Questions. 1-8	4
712	New Archaeobotanical Information on Early Cultivation and Plant Domestication Involving Microplant (Phytolith and Starch Grain) Remains. 136-159	3
711	The Dynamics of Rice Domestication: A Balance between Gene Flow and Genetic Isolation. 311-329	3
710	Domestication of Lima Beans: A New Look at an Old Problem. 330-343	1
709	Locus-specific view of flax domestication history. 2012 , 2, 139-52	34
708	Comparative population genomics of maize domestication and improvement. 2012 , 44, 808-11	600
707	Maize genetic diversity and association mapping using transposable element insertion polymorphisms. 2012 , 124, 1521-37	21
706	Molecular characterisation and interpretation of genetic diversity within globally distributed germplasm collections of tall fescue (<i>Festuca arundinacea</i> Schreb.) and meadow fescue (<i>F. pratensis</i> Huds.). 2012 , 124, 1127-37	29
705	Is diversification history of maize influencing selection of soil bacteria by roots?. 2012 , 21, 195-206	90
704	Crop genomics: advances and applications. 2011 , 13, 85-96	362
703	Gene flow among wild and domesticated almond species: insights from chloroplast and nuclear markers. 2012 , 5, 317-29	53
702	On-farm dynamic management of genetic diversity: the impact of seed diffusions and seed saving practices on a population-variety of bread wheat. 2012 , 5, 779-95	52
701	Genetic diversity of maize landraces from lowland and highland agro-ecosystems of Southern South America: implications for the conservation of native resources. 2012 , 160, 308-321	10
700	Population genetic structure of a specialist leafhopper on <i>Zea</i> : likely anthropogenic and ecological determinants of gene flow. 2012 , 142, 223-235	28
699	Microsatellite marker-based diversity and population genetic analysis of selected lowland and mid-altitude maize landrace accessions of India. 2013 , 22, 392-400	15
698	Out of America: tracing the genetic footprints of the global diffusion of maize. 2013 , 126, 2671-82	52

697	Map-based molecular diversity, linkage disequilibrium and association mapping of fruit traits in melon. 2013 , 31, 829-841	26
696	Reevaluating What We Know About the Histories of Maize in Northeastern North America: A Review of Current Evidence. 2013 , 21, 175-216	44
695	Multiple domestications of the Mesoamerican gene pool of lima bean (<i>Phaseolus lunatus</i> L.): evidence from chloroplast DNA sequences. 2013 , 60, 1069-1086	21
694	A collection of popcorn as a reservoir of genes for the generation of lineages. 2013 , 53, 300-7	7
693	Facilitated by nature and agriculture: performance of a specialist herbivore improves with host-plant life history evolution, domestication, and breeding. 2013 , 173, 1425-37	46
692	Physical leaf defenses altered by <i>Zea</i> life-history evolution, domestication, and breeding mediate oviposition preference of a specialist leafhopper. 2013 , 149, 185-195	35
691	Unraveling the genetic architecture of subtropical maize (<i>Zea mays</i> L.) lines to assess their utility in breeding programs. 2013 , 14, 877	12
690	Clonal diversity and estimation of relative clone age: application to agrobiodiversity of yam (<i>Dioscorea rotundata</i>). 2013 , 13, 178	10
689	Target-selective photo-degradation of verotoxin-1 and reduction of its cytotoxicity to Vero cells using porphyrin-globotriose hybrids. 2013 , 49, 6027-9	8
688	Divergent evolutionary mechanisms of co-located <i>Tak/Lrk</i> and <i>Glu-D3</i> loci revealed by comparative analysis of grass genomes. 2013 , 56, 195-204	2
687	Human-Environment interactions in pre-Columbian Amazonia: The case of the Llanos de Moxos, Bolivia. 2013 , 312, 109-119	36
686	A late-Holocene vegetation history from the Maya lowlands, Lamanai, Northern Belize. 2013 , 23, 485-493	15
685	A new collection of wild populations of <i>Capsicum</i> in Mexico and the southern United States. 2013 , 60, 225-232	11
684	Analysis of average standardized SSR allele size supports domestication of soybean along the Yellow River. 2013 , 60, 763-776	4
683	Archeological and environmental lessons for the Anthropocene from the Classic Maya collapse. 2013 , 4, 88-100	40
682	Higher expression of induced defenses in teosintes (<i>Zea</i> spp.) is correlated with greater resistance to fall armyworm, <i>Spodoptera frugiperda</i> . 2013 , 146, 242-251	31
681	Molecular analysis of the parallel domestication of the common bean (<i>Phaseolus vulgaris</i>) in Mesoamerica and the Andes. 2013 , 197, 300-313	174
680	Genetic structure and domestication of carrot (<i>Daucus carota</i> subsp. <i>sativus</i>) (Apiaceae). 2013 , 100, 930-8	123

679	Molecular Genetic Basis of the Domestication Syndrome in Cereals. 2013 , 319-340	3
678	Genetics and consequences of crop domestication. 2013 , 61, 8267-76	83
677	Surveying Diverse Zea Seed for Populations of Bacterial Endophytes. 2013 , 445-455	4
676	Genome size variation in wild and cultivated maize along altitudinal gradients. 2013 , 199, 264-276	75
675	Diversity and abundance of the abnormal chromosome 10 meiotic drive complex in Zea mays. 2013 , 110, 570-7	20
674	Tracing the geographic origins of weedy Ipomoea purpurea in the southeastern United States. 2013 , 104, 666-77	9
673	Functionally relevant microsatellite markers from chickpea transcription factor genes for efficient genotyping applications and trait association mapping. 2013 , 20, 355-74	92
672	From many, one: genetic control of prolificacy during maize domestication. 2013 , 9, e1003604	90
671	The genomic signature of crop-wild introgression in maize. 2013 , 9, e1003477	208
670	Microsatellite-based genetic diversity among accessions of maize landraces from Sinaloa in México. 2013 , 150, 53-9	20
669	CACTA-like transposable element in ZmCCT attenuated photoperiod sensitivity and accelerated the postdomestication spread of maize. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16969-74	11.5 223
668	Phenotypic Diversity of Root Anatomical and Architectural Traits in Zea Species. 2013 , 53, 1042-1055	71
667	Inexplicable or simply unexplained? The management of maize seed in Mexico. 2013 , 8, e68320	8
666	Demonstration of genome-wide association studies for identifying markers for wood property and male strobili traits in <i>Cryptomeria japonica</i> . 2013 , 8, e79866	36
665	Breeding Potential of European Flint Maize Landraces Evaluated by their Testcross Performance. 2014 , 54, 1665-1672	20
664	Genetic divergence among sweet corn lines estimated by microsatellite markers. 2014 , 13, 10415-26	4
663	Mapping the diversity of maize races in Mexico. 2014 , 9, e114657	45
662	Impact of swapping soils on the endophytic bacterial communities of pre-domesticated, ancient and modern maize. 2014 , 14, 233	56

661	Domestication of Plants. 2014 , 474-486		13
660	Susceptibility to aflatoxin contamination among maize landraces from Mexico. 2014 , 77, 1554-62		9
659	Maize Pests in Mexico and Challenges for the Adoption of Integrated Pest Management Programs. 2014 , 5, 1-9		59
658	Genetic structure within the Mesoamerican gene pool of wild <i>Phaseolus lunatus</i> (Fabaceae) from Mexico as revealed by microsatellite markers: Implications for conservation and the domestication of the species. 2014 , 101, 851-64		15
657	Multiple lines of evidence for the origin of domesticated chili pepper, <i>Capsicum annuum</i> , in Mexico. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6165-70	11.5	139
656	Whole genome de novo assemblies of three divergent strains of rice, <i>Oryza sativa</i> , document novel gene space of aus and indica. 2014 , 15, 506		168
655	Kulturpflanzen. 2014 ,		3
654	Archaic period settlement and subsistence in the Maya lowlands: new starch grain and lithic data from Freshwater Creek, Belize. 2014 , 41, 308-321		32
653	The effect of altered dosage of a mutant allele of Teosinte branched 1 (tb1-ref) on the root system of modern maize. 2014 , 15, 23		24
652	Native maize landraces from Los Tuxtlas, Mexico show varying mycorrhizal dependency for P uptake. 2014 , 50, 405-414		31
651	Defining the Role of prolamin-box binding factor1 Gene During Maize Domestication. 2014 , 105, 576-582		13
650	Entering the second century of maize quantitative genetics. 2014 , 112, 30-8		107
649	Alien Gene Transfer in Crop Plants: An Introduction. 2014 , 1-23		2
648	Archaeological and genetic insights into the origins of domesticated rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6190-7	11.5	207
647	The impact of widespread regulatory neofunctionalization on homeolog gene evolution following whole-genome duplication in maize. 2014 , 24, 1348-55		60
646	Insect and pathogen attack and resistance in maize and its wild ancestors, the teosintes. 2014 , 204, 329-341		73
645	Agricultural origins from the ground up: archaeological approaches to plant domestication. 2014 , 101, 1601-17		24
644	Wild to crop introgression and genetic diversity in Lima bean (<i>Phaseolus lunatus</i> L.) in traditional Mayan milpas from Mexico. 2014 , 15, 1315-1328		13

643	Identification of large-effect QTL for kernel row number has potential for maize yield improvement. 2014 , 34, 1087-1096	9
642	Metabolic map of mature maize kernels. 2014 , 10, 775-787	46
641	The Food System during the Formative Period in West Mesoamerica1. 2014 , 68, 67-84	8
640	Reconstructing the formation and land use history of the Mound 2 depression at R̄ Viejo, Oaxaca, Mexico. 2014 , 342, 33-44	1
639	Early and Middle Holocene evidence for plant use and cultivation in the Middle Cauca River Basin, Cordillera Central (Colombia). 2014 , 86, 49-62	23
638	A genome-wide scan for evidence of selection in a maize population under long-term artificial selection for ear number. 2014 , 196, 829-40	47
637	The Archaic and Formative Periods of Mesoamerica. 955-969	
636	Domestication of small-seeded lima bean (<i>Phaseolus lunatus</i> L.) landraces in Mesoamerica: evidence from microsatellite markers. 2015 , 143, 657-69	10
635	The origin and evolution of maize in the Southwestern United States. 2015 , 1, 14003	99
634	Analysis of genetic differentiation and genomic variation to reveal potential regions of importance during maize improvement. 2015 , 15, 256	14
633	Identification of Malting Quality QTLs in Advanced Generation Breeding Germplasm. 2015 , 73, 29-40	8
632	Admixture in Human Populations. 2015 , 1-7	
631	Study and characterization of an ancient European flint white maize rich in anthocyanins: Millo Corvo from Galicia. 2015 , 10, e0126521	13
630	Genetic Relationship in <i>Cicer</i> Sp. Expose Evidence for GeneFlow between the Cultigen and Its Wild Progenitor. 2015 , 10, e0139789	12
629	Presence of <i>Zea luxurians</i> (Durieu and Ascherson) Bird in Southern Brazil: Implications for the Conservation of Wild Relatives of Maize. 2015 , 10, e0139034	12
628	Bacterial endophytes from wild maize suppress <i>Fusarium graminearum</i> in modern maize and inhibit mycotoxin accumulation. 2015 , 6, 805	57
627	Miracle Foods: Quinoa, Curative Metaphors, and the Depoliticization of Global Hunger Politics. 2015 , 15, 70-85	21
626	Domestication. 2015 , 109-119	

625	Flowering Plants. Monocots. 2015,	63
624	Evolution of maize landraces in southwest China: Evidence from the globulin1 gene. 2015, 61, 54-61	1
623	Comparative transcriptomics uncovers alternative splicing changes and signatures of selection from maize improvement. 2015, 16, 363	23
622	Environmental assessment of maize production alternatives: Traditional, intensive and GMO-based cropping patterns. 2015, 57, 48-60	22
621	Evolution Is an Experiment: Assessing Parallelism in Crop Domestication and Experimental Evolution: (Nei Lecture, SMBE 2014, Puerto Rico). 2015, 32, 1661-71	33
620	The Wukong Terminal-Repeat Retrotransposon in Miniature (TRIM) Elements in Diverse Maize Germplasm. 2015, 5, 1585-92	6
619	Patterns of genomic changes with crop domestication and breeding. 2015, 24, 47-53	57
618	Genomic, Transcriptomic, and Phenomic Variation Reveals the Complex Adaptation of Modern Maize Breeding. 2015, 8, 871-84	53
617	Characterisation of linkage disequilibrium patterns among intra-gene single-nucleotide polymorphisms in Vitis based on resequencing of 30 gene fragments. 2015, 21, 319-330	
616	Egg Parasitoids (Hymenoptera: Mymaridae and Trichogrammatidae) of Dalbulus quinquenotatus (Hemiptera: Cicadellidae), with Description of a New Species of Anagrus (Mymaridae) from Mexico. 2015, 108, 289-298	9
615	Agriculturalism. 2015, 349-365	
614	Physicochemical, Structural, and Proteomic Analysis of Starch Granules from Maize Landraces of Northwest Mexico. 2015, 92, 320-326	4
613	Evidence That the Origin of Naked Kernels During Maize Domestication Was Caused by a Single Amino Acid Substitution in tga1. 2015, 200, 965-74	57
612	Early dispersals of maize and other food plants into the Southern Caribbean and Northeastern South America. 2015, 123, 231-246	53
611	Parallel Domestication of the Heading Date 1 Gene in Cereals. 2015, 32, 2726-37	40
610	Holocene paleoecology, climate history and human influence in the southwestern Yucatan Peninsula. 2015, 217, 1-8	25
609	Genetic variation and structure in the neotropical tree, Manilkara zapota (L) P. Royen (Sapotaceae) used by the ancient Maya. 2015, 11, 1	5
608	Clear advantages for fall armyworm larvae from feeding on maize relative to its ancestor Balsas teosinte may not be reflected in their mother's host choice. 2015, 155, n/a-n/a	10

607	Molecular Characterization of Exotic and Indigenous Maize Inbreds for Biofortification with Kernel Carotenoids. 2015 , 29, 276-295	17
606	Independent Molecular Basis of Convergent Highland Adaptation in Maize. 2015 , 200, 1297-312	50
605	Cytogenetic and Sequence Analyses of Mitochondrial DNA Insertions in Nuclear Chromosomes of Maize. 2015 , 5, 2229-39	7
604	Population Level Purifying Selection and Gene Expression Shape Subgenome Evolution in Maize. 2015 , 32, 3226-35	42
603	Genomics and the Contrasting Dynamics of Annual and Perennial Domestication. 2015 , 31, 709-719	71
602	Glomeromycota associated with Mexican native maize landraces in Los Tuxtlas, Mexico. 2015 , 87, 63-71	19
601	Teosinte before domestication: Experimental study of growth and phenotypic variability in Late Pleistocene and early Holocene environments. 2015 , 363, 65-77	34
600	Alteration of tropical forest vegetation from the Pleistocene-Holocene transition and plant cultivation from the end of early Holocene through middle Holocene in Northwest Colombia. 2015 , 363, 28-42	15
599	A Mosaic of Adaptation: The Archaeological Record for Mesoamerica's Archaic Period. 2015 , 23, 115-162	25
598	Genetic diversity and population structure of maize landraces from Cote d'Ivoire. 2016 , 15, 2507-2516	3
597	Molecular and Genomic Tools Provide Insights on Crop Domestication and Evolution. 2016 , 135, 181-223	2
596	Identification of Alleles Conferring Resistance to Gray Leaf Spot in Maize Derived from its Wild Progenitor Species Teosinte. 2016 , 56, 209-218	25
595	Fine Mapping of a QTL Associated with Kernel Row Number on Chromosome 1 of Maize. 2016 , 11, e0150276	16
594	Comparative Proteomic Analysis of the Response of Maize (<i>Zea mays</i> L.) Leaves to Long Photoperiod Condition. 2016 , 7, 752	13
593	Genetic Architecture of Flowering Phenology in Cereals and Opportunities for Crop Improvement. 2016 , 7, 1906	58
592	Identification of genetic variants associated with maize flowering time using an extremely large multi-genetic background population. 2016 , 86, 391-402	79
591	Early Development of Leaf Trichomes Is Associated With Decreased Damage in Teosinte, Compared With Maize, by <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae). 2016 , 109, 737-743	14
590	Superheroes and masterminds of plant domestication. 2016 , 339, 268-73	36

589	Landscape genetics, adaptive diversity and population structure in <i>Phaseolus vulgaris</i> . 2016 , 209, 1781-94		54
588	The earliest maize from San Marcos Tehuac� is a partial domesticate with genomic evidence of inbreeding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14151-14156	11.5	71
587	Comparative genomics provides insight into maize adaptation in temperate regions. 2016 , 17, 155		1
586	Expanding Maize Genetic Resources with Predomestication Alleles: Maize-Teosinte Introgression Populations. 2016 , 9, plantgenome2015.07.0053		30
585	Host-plant associated genetic divergence of two spp. (Lepidoptera: Crambidae) stemborers on novel crop plants. 2016 , 6, 8632-8644		14
584	Genetic Analysis of Kernel Traits in Maize-Teosinte Introgression Populations. 2016 , 6, 2523-30		25
583	Chromosome Segregation: Reconstituting the Kinetochore. 2016 , 26, R1242-R1245		4
582	Crop Domestication: A Sneak-Peek into the Midpoint of Maize Evolution. 2016 , 26, R1240-R1242		4
581	Genetic diversity, linkage disequilibrium, population structure and construction of a core collection of <i>Prunus avium</i> L. landraces and bred cultivars. 2016 , 16, 49		66
580	Your Beans of the Last Harvest and the Possible Adoption of Bright Ideas. 2016 , 367-387		2
579	Biodiversity and Edible Plants of Mexico. 2016 , 83-131		16
578	Early Prehistoric Maize in Northern Highland Ecuador. 2016 , 27, 3-21		10
577	Inbreeding drives maize centromere evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E987-96	11.5	64
576	Genetics and Ecology of Wild and Cultivated Maize: Domestication and Introgression. 2016 , 403-416		4
575	Domestication of Plants in Mesoamerica: An Archaeological Review with Some Ethnobotanical Interpretations. 2016 , 207-231		4
574	Ethnobotany of Mexico. 2016 ,		18
573	Phylogeographical Approaches to the Study of Plant Domestication, with Special Emphasis on Perennial Plants. 2016 , 319-366		3
572	Maize. 2016 , 67-88		10

571	Sorghum. 2016 , 163-203	7
570	Identification and fine mapping of quantitative trait loci for the number of vascular bundle in maize stem. 2016 , 58, 81-90	26
569	Dissecting maize diversity in lowland South America: genetic structure and geographic distribution models. 2016 , 16, 186	6
568	Genetic diversity analysis of maize lines using AFLP and TE-based molecular marker systems. 2016 , 38, 1005-1012	1
567	Genetic Architecture of Domestication-Related Traits in Maize. 2016 , 204, 99-113	31
566	Genome Sequence of a 5,310-Year-Old Maize Cob Provides Insights into the Early Stages of Maize Domestication. 2016 , 26, 3195-3201	95
565	Recent demography drives changes in linked selection across the maize genome. 2016 , 2, 16084	78
564	Non-syntenic genes drive RTCS-dependent regulation of the embryo transcriptome during formation of seminal root primordia in maize (<i>Zea mays</i> L.). 2017 , 68, 403-414	8
563	Characterization of the teosinte transcriptome reveals adaptive sequence divergence during maize domestication. 2016 , 16, 1465-1477	6
562	An efficient virus-induced gene silencing vector for maize functional genomics research. 2016 , 86, 102-15	54
561	Genomic variation in recently collected maize landraces from Mexico. 2016 , 7, 38-45	30
560	Late Holocene anthropogenic and climatic influences on the regional vegetation of Mexico's Cuenca Oriental. 2016 , 138, 56-69	6
559	Molecular and geographic evolutionary support for the essential role of GIGANTEA in soybean domestication of flowering time. 2016 , 16, 79	38
558	Bacterial endophytes from wild and ancient maize are able to suppress the fungal pathogen <i>Sclerotinia homoeocarpa</i> . 2016 , 120, 756-69	40
557	Microsatellite analysis of <i>Saccharomyces uvarum</i> diversity. 2016 , 16, fow002	22
556	Transcriptomic and anatomical complexity of primary, seminal, and crown roots highlight root type-specific functional diversity in maize (<i>Zea mays</i> L.). 2016 , 67, 1123-35	53
555	The genetic architecture of leaf number and its genetic relationship to flowering time in maize. 2016 , 210, 256-68	41
554	Genome-wide dissection of the maize ear genetic architecture using multiple populations. 2016 , 210, 1095-106	80

553	The big five of the monocot genomes. 2016 , 30, 33-40	8
552	Maize diversity associated with social origin and environmental variation in Southern Mexico. 2016 , 116, 477-84	31
551	Evolution of DUF1313 family members across plant species and their association with maize photoperiod sensitivity. 2016 , 107, 199-207	7
550	Comparing the attraction of two parasitoids to herbivore-induced volatiles of maize and its wild ancestors, the teosintes. 2016 , 26, 33-44	24
549	New World Paleoethnobotany in the New Millennium (2000-2013). 2016 , 24, 125-177	33
548	Late ninth millennium B.P. use of <i>Zea mays</i> L. at Cubilb area, highland Ecuador, revealed by ancient starches. 2016 , 404, 137-155	18
547	Spell of the Urubamba. 2016 ,	3
546	Genetic studies regarding the control of seed pigmentation of an ancient European pointed maize (<i>Zea mays</i> L.) rich in phlobaphenes: the Negro Spinoso from the Camonica valley. 2017 , 64, 761-773	27
545	Geographical distribution and diversity of maize (<i>Zea mays</i> L. subsp. <i>mays</i>) races in Mexico. 2017 , 64, 855-865	9
544	Maize diversity in southern Brazil: indication of a microcenter of <i>Zea mays</i> L.. 2017 , 64, 681-700	12
543	Complex genetic architecture underlies maize tassel domestication. 2017 , 214, 852-864	57
542	Maize seedling morphology and defence hormone profiles, but not herbivory tolerance, were mediated by domestication and modern breeding. 2017 , 170, 315-332	8
541	Evolutionary and domestication history of <i>Cucurbita</i> (pumpkin and squash) species inferred from 44 nuclear loci. 2017 , 111, 98-109	42
540	Unbiased K-mer Analysis Reveals Changes in Copy Number of Highly Repetitive Sequences During Maize Domestication and Improvement. 2017 , 7, 42444	9
539	Genetic Analysis of Teosinte Alleles for Kernel Composition Traits in Maize. 2017 , 7, 1157-1164	9
538	Seeds of the Wild Progenitor of Maize Possess Bacteria That Antagonize Foodborne Pathogens. 2017 , 14, 202-209	3
537	Exploiting the Genetic Diversity of Maize Using a Combined Metabolomic, Enzyme Activity Profiling, and Metabolic Modeling Approach to Link Leaf Physiology to Kernel Yield. 2017 , 29, 919-943	39
536	Near Eastern Plant Domestication: A History of Thought. 2017 , 22, 491-511	39

535	Corn stover as feedstock for the production of ethanol: chemical composition of different anatomical fractions and varieties. 2017 , 11, 430-440		8
534	The Use of Crop Wild Relatives in Maize and Sunflower Breeding. 2017 , 57, 1227-1240		32
533	A Mesoamerican origin of cherimoya (<i>Annona cherimola</i> Mill.): Implications for the conservation of plant genetic resources. 2017 , 26, 4116-4130		22
532	Tracing the initial diffusion of maize in North America. 332-348		5
531	Fast diffusion of domesticated maize to temperate zones. 2017 , 7, 2077		2
530	Assessing elements of an extended evolutionary synthesis for plant domestication and agricultural origin research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6429-6437	11.5	46
529	Footprints of domestication revealed by RAD-tag resequencing in loquat: SNP data reveals a non-significant domestication bottleneck and a single domestication event. 2017 , 18, 354		10
528	Fine mapping of a quantitative resistance gene for gray leaf spot of maize (<i>Zea mays</i> L.) derived from teosinte (<i>Z. mays</i> ssp. <i>parviglumis</i>). 2017 , 130, 1285-1295		16
527	An SSR-based approach incorporating a novel algorithm for identification of rare maize genotypes facilitates criteria for landrace conservation in Mexico. 2017 , 7, 1680-1690		4
526	Genome-wide Association Studies in Maize: Praise and Stargaze. 2017 , 10, 359-374		172
525	Ancient origin and recent range expansion of the maize weevil <i>Sitophilus zeamais</i> , and its genealogical relationship to the rice weevil <i>S. oryzae</i> . 2017 , 107, 9-20		24
524	Glossy15 Plays an Important Role in the Divergence of the Vegetative Transition between Maize and Its Progenitor, Teosinte. 2017 , 10, 1579-1583		10
523	Egg Parasitoids of <i>Dalbulus maidison</i> Wild Teosintes in Mexico. 2017 , 42, 691-700		5
522	Demographic history and biologically relevant genetic variation of Native Mexicans inferred from whole-genome sequencing. 2017 , 8, 1005		24
521	Genetic diversity and intra-racial structure of Chilean Choclero corn (<i>Zea mays</i> L.) germplasm revealed by simple sequence repeat markers (SSRs). 2017 , 225, 620-629		5
520	Selection During Maize Domestication Targeted a Gene Network Controlling Plant and Inflorescence Architecture. 2017 , 207, 755-765		46
519	Global alterations in areas of suitability for maize production from climate change and using a mechanistic species distribution model (CLIMEX). 2017 , 7, 5910		71
518	A systems approach to a spatio-temporal understanding of the drought stress response in maize. 2017 , 7, 6590		43

517	Rhizotrophs: Plant Growth Promotion to Bioremediation. 2017,	3
516	Is there an optimum level of diversity in utilization of genetic resources?. 2017, 130, 2283-2295	22
515	Genomic estimation of complex traits reveals ancient maize adaptation to temperate North America. 2017, 357, 512-515	110
514	High-precision chronology for Central American maize diversification from El Gigante rockshelter, Honduras. <i>Proceedings of the National Academy of Sciences of the United States of America,</i> 2017, 114, 9026-9031	11.5 32
513	Corn and Its Interactions with Bacterial Communities. 2017, 145-163	1
512	Latitudinal structured populations of the Mexican wild squash <i>Cucurbita argyrosperma</i> subsp. <i>sororia</i> revealed by microsatellite markers. 2017, 68, 850	4
511	The effect of artificial selection on phenotypic plasticity in maize. 2017, 8, 1348	58
510	Tropical Maize (<i>Zea mays</i> L.). 2017, 57-109	14
509	Teosinte in Europe - Searching for the Origin of a Novel Weed. 2017, 7, 1560	32
508	Evolution of meiotic recombination genes in maize and teosinte. 2017, 18, 106	7
507	Natural variations in stearoyl- <i>acp</i> desaturase genes affect the conversion of stearic to oleic acid in maize kernel. 2017, 130, 151-161	15
506	New popcorn races in a diversity microcenter of <i>Zea mays</i> L. in the Far West of Santa Catarina, Southern Brazil. 2017, 64, 1191-1204	6
505	Plastid phylogenomic study of species within the genus <i>Zea</i> : rates and patterns of three classes of microstructural changes. 2017, 63, 311-323	11
504	Perspectivas de la Ecología Molecular en un país megadiverso. 2017, 88, 3-13	1
503	Molecular Markers in <i>Salvia</i> L.: Past, Present and Future. 2017, 291-398	1
502	References. 2017, 385-442	
501	Contributions of Resource relocation to the development of agriculture. 2017, 17, 11	
500	Genetic Diversity and Structure of Species Surveyed on Nuclear Simple Sequence Repeat and Cytoplasmic Markers. 2017, 8, 584	9

499	Genetic Diversity of Croatian Common Bean Landraces. 2017 , 8, 604	21
498	Beans (<i>ssp.</i>) as a Model for Understanding Crop Evolution. 2017 , 8, 722	89
497	There Is More to Corn than Popcorn and Corn on the Cob!. 2017 , 5,	1
496	Agricultural Land Use Change after NAFTA in Central West Mexico. 2017 , 6, 66	7
495	Identification of Teosinte Alleles for Resistance to Southern Leaf Blight in Near Isogenic Maize Lines. 2017 , 57, 1973-1983	12
494	Differentiated transcriptional signatures in the maize landraces of Chiapas, Mexico. 2017 , 18, 707	6
493	Genetic diversity and population structure of native maize populations in Latin America and the Caribbean. 2017 , 12, e0173488	29
492	The interplay of demography and selection during maize domestication and expansion. 2017 , 18, 215	100
491	Organellar Genomes from a ~5,000-Year-Old Archaeological Maize Sample Are Closely Related to NB Genotype. 2017 , 9, 904-915	5
490	Genetic diversity and structure of native maize races from Northwestern Mexico. 2017 , 52, 1023-1032	6
489	Genome-wide characterization of non-reference transposable element insertion polymorphisms reveals genetic diversity in tropical and temperate maize. 2017 , 18, 702	14
488	Genetic Aspects of Crop Domestication. 2017 , 147-167	1
487	Survey of the response of 82 domestic landraces of <i>Zea mays</i> to cucumber mosaic virus (CMV) reveals geographical region-related resistance to CMV in Japan. 2018 , 67, 1401-1415	1
486	Teosinte and maize \times teosinte hybrid plants in Europe Environmental risk assessment and management implications for genetically modified maize. 2018 , 259, 19-27	13
485	AMS Dates of New Maize Specimens Found in Rock Shelters of the Tehuacan Valley. 2018 , 60, 975-987	4
484	Genetic diversity and evolution of reduced sulfur storage during domestication of maize. 2018 , 94, 943-955	4
483	The origins and early development of plant food production and farming in Colombian tropical forests. 2018 , 49, 161-172	14
482	Agriculture sows pests: how crop domestication, host shifts, and agricultural intensification can create insect pests from herbivores. 2018 , 26, 76-81	19

481	enhances maize adaptation to higher latitudes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E334-E341	11.5	125
480	Genome-wide Analysis of Transcriptional Variability in a Large Maize-Teosinte Population. 2018 , 11, 443-459		38
479	ZmCOL3, a CCT gene represses flowering in maize by interfering with the circadian clock and activating expression of ZmCCT. 2018 , 60, 465-480		15
478	Intraspecific differences in plant defense induction by fall armyworm strains. 2018 , 218, 310-321		27
477	Colonization history of the western corn rootworm (<i>Diabrotica virgifera virgifera</i>) in North America: insights from random forest ABC using microsatellite data. 2018 , 20, 665-677		16
476	Targeted resequencing reveals genomic signatures of barley domestication. 2018 , 218, 1247-1259		48
475	A Bird in the Hand Versus Two in the Bush? The Specialist Leafhopper <i>Dalbulus maidis</i> (Hemiptera: Cicadellidae) Does Not Discriminate Against Sub-optimal Host Plants (<i>Zea</i> spp.). 2018 , 47, 171-180		7
474	<i>Agrobacterium</i> - and Biolistic-Mediated Transformation of Maize B104 Inbred. 2018 , 1676, 15-40		12
473	Fine-tuning the 'plant domestication-reduced defense' hypothesis: specialist vs generalist herbivores. 2018 , 217, 355-366		44
472	Multidisciplinary studies in <i>Cucurbita maxima</i> (squash) domestication. 2018 , 27, 207-217		4
471	The Neolithic Revolution, Animal Domestication, and Early Forms of Animal Agriculture. 2018 , 103-131		11
470	Long photoperiod affects the maize transition from vegetative to reproductive stages: a proteomic comparison between photoperiod-sensitive inbred line and its recurrent parent. 2018 , 50, 149-161		2
469	Genetically Engineered Crops: Opportunities, Constraints, and Food Security at a Glance of Human Health, Environmental Impact, and Food Quality. 2018 , 311-334		3
468	Assessment of genetic diversity of Burkina Faso sweet grain sorghum using microsatellite markers. 2018 , 17, 389-395		1
467	Karyotype of native <i>Zea mays</i> ssp. <i>mays</i> Proto-Confite morocho. 2018 , 67, 525-530		1
466	A simple way to visualize detailed phylogenetic tree of huge genome-wide SNP data constructed by SNPhylo. 2018 , 17, 1972-1978		4
465	Inflorescence Architecture [Moving beyond Description to Development, Genes and Evolution. 2018 , 98-113		
464	Evolution and Adaptation in the Maize Genome. 2018 , 319-332		3

463	Molecular Evidence for Two Domestication Events in the Pea Crop. 2018 , 9,	21
462	Multiproxy evidence highlights a complex evolutionary legacy of maize in South America. 2018 , 362, 1309-1313	97
461	Plant Genetics: Two Steps on the Path to Maize Adaptation. 2018 , 28, R1098-R1101	1
460	Population Genomics of Crop Domestication: Current State and Perspectives. 2018 , 685-707	1
459	Stepwise cis-Regulatory Changes in ZCN8 Contribute to Maize Flowering-Time Adaptation. 2018 , 28, 3005-3015.e4	59
458	Mutator-Based Transposon Display: A Genetic Tool for Evolutionary and Crop-Improvement Studies in Maize. 2018 , 60, 799-809	2
457	Corn Productivity: The Role of Management and Biotechnology. 2018 ,	1
456	Barriers and prospects for wild crop relative research in Brassica rapa. 2018 , 165-177	1
455	Genetic variation and structure of maize populations from Saoura and Gourara oasis in Algerian Sahara. 2018 , 19, 51	18
454	Wild Relatives of Maize, Rice, Cotton, and Soybean: Treasure Troves for Tolerance to Biotic and Abiotic Stresses. 2018 , 9, 886	109
453	Maize domestication and gene interaction. 2018 , 220, 395-408	38
452	Parasitic Wasps Can Reduce Mortality of Teosinte Plants Infested With Fall Armyworm: Support for a Defensive Function of Herbivore-Induced Plant Volatiles. 2018 , 6,	12
451	The Rise and Fall of African Rice Cultivation Revealed by Analysis of 246 New Genomes. 2018 , 28, 2274-2282.e647	47
450	Ecogeography of teosinte. 2018 , 13, e0192676	36
449	Using wild relatives to improve maize. 2019 , 365, 640-641	4
448	Assessment of potential impacts associated with gene flow from transgenic hybrids to Mexican maize landraces. 2019 , 28, 509-523	4
447	Climate change is predicted to disrupt patterns of local adaptation in wild and cultivated maize. 2019 , 286, 20190486	11
446	Cultural Diversity and Evolution: Looking for a Dialogical Teaching Perspective. 2019 , 227-247	4

445	Pre-Columbian agriculture, fire, and Spanish contact: A 4200-year record from Laguna Los Mangos, Costa Rica. 2019 , 29, 1743-1757	3
444	Diatraea saccharalis history of colonization in the Americas. The case for human-mediated dispersal. 2019 , 14, e0220031	5
443	QTL mapping for leaf morphology traits in a large maize-teosinte population. 2019 , 39, 1	10
442	Introduction. 2019 , 1-22	
441	Is Determinism Dead?. 2019 , 23-49	
440	Incorporating New Methods I: The Stable Isotope Revolution. 2019 , 50-74	
439	Incorporating New Methods III: Answering Palaeoeconomic Questions with Molecular Genetics. 2019 , 99-122	
438	Integrated Case Study I: Early Farming in Central Europe. 2019 , 137-162	
437	Conclusion. 2019 , 195-208	
436	Index. 2019 , 265-272	
435	Preface. 2019 , xv-xviii	
434	CRISPR tool modifies genes precisely by copying RNA into the genome. 2019 , 576, 48-49	8
433	Integrated Case Study II: Horse Domestication and the Origins of Pastoralism in Central Asia. 2019 , 163-194	
432	Dissecting the genetic architecture of important traits that enhance wild germplasm resource usage in modern maize breeding. 2019 , 39, 1	5
431	Incorporating New Methods II: Residue Chemistry. 2019 , 75-98	
430	Incorporating New Methods IV: Phytoliths and Starch Grains in the Tropics and Beyond. 2019 , 123-136	
429	Reevaluation of Basketmaker II origins. 2019 , 56, 101085	4
428	Natural Variation and Domestication Selection of Affects Plant Architecture and Yield-Related Traits in Maize. 2019 , 10,	6

427	Signatures of differential selection in chloroplast genome between japonica and indica. 2019 , 12, 65		11
426	Integrating transcriptomic and proteomic analyses of photoperiod-sensitive in near isogenic maize line under long-day conditions. 2019 , 18, 1211-1221		1
425	Contemporary evolution of maize landraces and their wild relatives influenced by gene flow with modern maize varieties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 21302-21311	11.5	11
424	Predictive Breeding for Maize: Making Use of Molecular Phenotypes, Machine Learning, and Physiological Crop Models. 2019 ,		0
423	Genetic and phenotypic diversity in 2000 years old maize (<i>Zea mays</i> L.) samples from the Tarapacá region, Atacama Desert, Chile. 2019 , 14, e0210369		7
422	Ethnobotany of Mexican and northern Central American cycads (Zamiaceae). 2019 , 15, 4		3
421	QTG-Seq Accelerates QTL Fine Mapping through QTL Partitioning and Whole-Genome Sequencing of Bulk Segregant Samples. 2019 , 12, 426-437		37
420	A pistil-expressed pectin methylesterase confers cross-incompatibility between strains of <i>Zea mays</i> . 2019 , 10, 2304		10
419	Evolutionary Metabolomics Identifies Substantial Metabolic Divergence between Maize and Its Wild Ancestor, Teosinte. 2019 , 31, 1990-2009		38
418	Genome assembly of a tropical maize inbred line provides insights into structural variation and crop improvement. 2019 , 51, 1052-1059		105
417	The impact of soil salinity on maize agriculture: An experimental archaeology approach. 2019 , 40, 36-48		
416	Crop Biodiversity: An Unfinished Magnum Opus of Nature. 2019 , 70, 727-751		46
415	Large-scale metabolite quantitative trait locus analysis provides new insights for high-quality maize improvement. 2019 , 99, 216-230		18
414	The genetic architecture of teosinte catalyzed and constrained maize domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 5643-5652	11.5	34
413	The impact of maize (<i>Zea mays</i>) on the stable carbon isotope values of archaeological soil organic matter. 2019 , 24, 324-329		1
412	Genetic Architecture of domestication- and improvement-related traits using a population derived from <i>Sorghum virgatum</i> and <i>Sorghum bicolor</i> . 2019 , 283, 135-146		3
411	Microbial Endophytes of Maize Seeds and Their Application in Crop Improvements. 2019 , 449-463		2
410	Divergence with gene flow is driven by local adaptation to temperature and soil phosphorus concentration in teosinte subspecies (<i>Zea mays parviglumis</i> and <i>Zea mays mexicana</i>). 2019 , 28, 2814-2830		21

409	Fungal and Bacterial Maize Kernel Interactions with the Vertically Transmitted Endophytic State of <i>Fusarium verticillioides</i> . 2019 , 191-209	1
408	Wild Relatives of Maize. 2019 , 3-39	4
407	Technological advances in maize breeding: past, present and future. 2019 , 132, 817-849	39
406	Population genomic analysis of mango (<i>Mangifera indica</i>) suggests a complex history of domestication. 2019 , 222, 2023-2037	21
405	Adaptive Introgression: An Untapped Evolutionary Mechanism for Crop Adaptation. 2019 , 10, 4	50
404	Climate Stability and the Origin of Agriculture. 2019 ,	15
403	Sustainable Management of Phytoplasma Diseases in Crops Grown in the Tropical Belt. 2019 ,	1
402	reference materials for genetically modified organism detection in Mexico. 2019 , 9, 12353-12356	1
401	The Holocene and Anthropocene Environmental History of Mexico. 2019 ,	4
400	Comparison of Leafhopper (Hemiptera: Cicadellidae) Diversity in Maize and Its Wild Ancestor Teosinte, and Plant Diversity in the Teosinte Habitat. 2019 , 112, 99-106	6
399	Structure of local adaptation across the landscape: flowering time and fitness in Mexican maize (<i>Zea mays</i> L. subsp. <i>mays</i>) landraces. 2019 , 66, 27-45	10
398	A domestication-associated reduction in K ⁻ -preferring HKT transporter activity underlies maize shoot K accumulation and salt tolerance. 2019 , 222, 301-317	31
397	Genetic diversity patterns and domestication origin of soybean. 2019 , 132, 1179-1193	25
396	The extent of adaptive wild introgression in crops. 2019 , 221, 1279-1288	39
395	Plant adaptation and speciation studied by population genomic approaches. 2019 , 61, 12-24	7
394	Effects of host species and host age on biological parameters of <i>Anagrus virlai</i> (Hymenoptera: Mymaridae), an egg parasitoid of <i>Dalbulus maidis</i> (Hemiptera: Cicadellidae) and <i>Peregrinus maidis</i> (Hemiptera: Delphacidae). 2019 , 131, 74-80	7
393	Understanding Grass Domestication through Maize Mutants. 2019 , 35, 118-128	17
392	A 1,000-Year-Old RNA Virus. 2019 , 93,	18

391	ZmMADS69 functions as a flowering activator through the ZmRap2.7-ZCN8 regulatory module and contributes to maize flowering time adaptation. 2019 , 221, 2335-2347	48
390	Did maize domestication and early spread mediate the population genetics of corn leafhopper?. 2019 , 26, 569-586	9
389	Bioactive peptides from selected latin american food crops - A nutraceutical and molecular approach. 2019 , 59, 1949-1975	28
388	The emergence of a new weed in maize plantations: characterization and genetic structure using microsatellite markers. 2020 , 67, 225-239	4
387	Maize yield in Mexico under climate change. 2020 , 177, 102697	26
386	Pod indehiscence is a domestication and aridity resilience trait in common bean. 2020 , 225, 558-570	29
385	Genetic basis of kernel nutritional traits during maize domestication and improvement. 2020 , 101, 278-292	12
384	Germplasm and Genetic Variability. 2020 , 113-128	
383	Favorable haplotypes and associated genes for flowering time and photoperiod sensitivity identified by comparative selective signature analysis and GWAS in temperate and tropical maize. 2020 , 8, 227-242	4
382	The Past, Present, and Future of Maize Improvement: Domestication, Genomics, and Functional Genomic Routes toward Crop Enhancement. 2020 , 1, 100010	34
381	Adaptive introgression from maize has facilitated the establishment of teosinte as a noxious weed in Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25618-25627	11.5 13
380	Differential Expression of Maize and Teosinte microRNAs under Submergence, Drought, and Alternated Stress. 2020 , 9,	5
379	Maize adaptation across temperate climates was obtained via expression of two florigen genes. 2020 , 16, e1008882	7
378	Mesoamerican-Mississippian interaction across the far Southern Plains by long-range Toyah intermediaries. 2020 , 65, 325-356	4
377	Genome-wide association studies and whole-genome prediction reveal the genetic architecture of KRN in maize. 2020 , 20, 490	4
376	The Application of Metabolomics for the Study of Cereal Corn (). 2020 , 10,	9
375	Genomic predictions and genome-wide association studies based on RAD-seq of quality-related metabolites for the genomics-assisted breeding of tea plants. 2020 , 10, 17480	7
374	Teosinte (<i>Zea mays ssp parviglumis</i>) growth and transcriptomic response to weed stress identifies similarities and differences between varieties and with modern maize varieties. 2020 , 15, e0237715	1

373	Genetic Diversity and Population Structure of Maize Inbred Lines with Varying Levels of Resistance to Using Agronomic Trait-Based and SNP Markers. 2020 , 9,	2
372	Archaeological Central American maize genomes suggest ancient gene flow from South America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 33124-33129 ^{11.5}	13
371	A Tale of Maize, Palm, and Pine: Changing Socio-Ecological Interactions from Pre-Classic Maya to the Present Day in Belize. 2020 , 3, 30	4
370	Isotopic Confirmation of the Timing and Intensity of Maize Consumption in Greater Cahokia. 2020 , 85, 241-262	26
369	Entomopathogenic nematodes from Mexico that can overcome the resistance mechanisms of the western corn rootworm. 2020 , 10, 8257	11
368	Ten Years of the Maize Nested Association Mapping Population: Impact, Limitations, and Future Directions. 2020 , 32, 2083-2093	33
367	Coalescent Models of Demographic History: Application to Plant Domestication. 2020 , 1	
366	The genetic architecture of the maize progenitor, teosinte, and how it was altered during maize domestication. 2020 , 16, e1008791	17
365	CRISPR/Cas9-mediated knockout and overexpression studies reveal a role of maize phytochrome C in regulating flowering time and plant height. 2020 , 18, 2520-2532	21
364	The relevance of gene flow with wild relatives in understanding the domestication process. 2020 , 7, 191545	7
363	Relationships among American popcorn and their links with landraces conserved in a microcenter of diversity. 2020 , 67, 1733-1753	2
362	Spatial distribution, niche ecology and conservation genetics of <i>Degenia velebitica</i> (Brassicaceae), a narrow endemic species of the north-western Dinaric Alps. 2020 , 306, 1	2
361	Resistance and Tolerance to Root Herbivory in Maize Were Mediated by Domestication, Spread, and Breeding. 2020 , 11, 223	4
360	Statistical Modeling in Biomedical Research. 2020 ,	
359	Ancient Plant Genomics in Archaeology, Herbaria, and the Environment. 2020 , 71, 605-629	14
358	Predictive breeding for maize: Making use of molecular phenotypes, machine learning, and physiological crop models. 2020 , 60, 622-638	16
357	Transcriptional differentiation of UV-B protectant genes in maize landraces spanning an elevational gradient in Chiapas, Mexico. 2020 , 13, 1949-1967	2
356	Plant microbiota modified by plant domestication. 2020 , 43, 126106	12

355	Repetitive sequences and structural chromosome alterations promote intraspecific variations in <i>Zea mays</i> L. karyotype. 2020 , 10, 8866	2
354	Nucleotide Diversity and Association Analysis of ZmMADS60 with Root Length in the Maize Seedling Stage. 2020 , 10, 342	2
353	Corn Stunt Disease: An Ideal Insect-Microbial-Plant Pathosystem for Comprehensive Studies of Vector-Borne Plant Diseases of Corn. 2020 , 9,	4
352	dlf1 promotes floral transition by directly activating ZmMADS4 and ZmMADS67 in the maize shoot apex. 2020 , 228, 1386-1400	3
351	Estimation of Genetic Diversity in Seven Races of Native Maize from the Highlands of Mexico. 2020 , 10, 309	0
350	Maize genetic diversity in traditionally cultivated polycultures in an isolated rural community in Mexico: implications for management and sustainability. 2020 , 13, 15-28	3
349	Independent domestication events in the blue-cheese fungus <i>Penicillium roqueforti</i> . 2020 , 29, 2639-2660	18
348	Extremely low genetic diversity in the European clade of the model bryophyte <i>Anthoceros agrestis</i> . 2020 , 306, 1	1
347	Crop breeding - From experience-based selection to precision design. 2021 , 256, 153313	4
346	Divergence and Gene Flow Between and Isolated from Maize in Argentina. 2021 , 111, 170-183	2
345	Genetic diversity is indispensable for plant breeding to improve crops. 2021 , 61, 839-852	18
344	Genome-wide analyses reveal footprints of divergent selection and popping-related traits in CIMMYT's maize inbred lines. 2021 , 72, 1307-1320	2
343	Harnessing Knowledge from Maize and Rice Domestication for New Crop Breeding. 2021 , 14, 9-26	13
342	Flowering time regulation model revisited by pooled sequencing of mass selection populations. 2021 , 304, 110797	1
341	Andean Foodways. 2021 ,	0
340	A comparison of the direct and indirect defence abilities of cultivated maize versus perennial and annual teosintes. 2021 , 31, 63-74	1
339	Friends in low places: Soil derived microbial inoculants for biostimulation and biocontrol in crop production. 2021 , 15-31	2
338	Teosinte introgression modulates phosphatidylcholine levels and induces early maize flowering time.	3

- 337 Neglected and Underutilized Crop Species: Are They Future Smart Crops in Fighting Poverty, Hunger and Malnutrition Under Changing Climate?. **2021**, 1-50 2
- 336 Mapping and Validation of Major Quantitative Trait Loci for Resistance to Northern Corn Leaf Blight Along With the Determination of the Relationship Between Resistances to Multiple Foliar Pathogens of Maize (*L.*). **2020**, 11, 548407 4
- 335 Genome assembly and population genomic analysis provide insights into the evolution of modern sweet corn. **2021**, 12, 1227 9
- 334 Developmental genetics of maize vegetative shoot architecture. **2021**, 41, 1 3
- 333 Evidence for Multiple Teosinte Hybrid Zones in Central Mexico. 0
- 332 Genetic diversity of maize landraces from the South-West of France. **2021**, 16, e0238334 3
- 331 An in situ and morphometric study of maize (*Zea mays L.*) cob rondel phytoliths from Southwestern North American landraces. **2021**, 35, 102732
- 330 The Americas. **2021**, 263-294
- 329 Plastome genomics in South American maize landraces: chloroplast lineages parallel the geographical structuring of nuclear gene pools. **2021**, 128, 115-125 0
- 328 Circadian Clock Components Offer Targets for Crop Domestication and Improvement. **2021**, 12, 8
- 327 DeepCob: Precise and high-throughput analysis of maize cob geometry using deep learning with an application in genebank phenomics. 2
- 326 Efficacy and emergence of parasitic wasps that attack herbivorous insects on maize and its relatives in their region of origin. **2021**, 15, 409-415 1
- 325 Diversification of maize (*Zea mays L.*) through teosinte (*Zea mays* subsp. *parviglumis* Iltis & Doebley) allelic. **2021**, 68, 2983-2995 1
- 324 Evidence of an additional center of apple domestication in Iran, with contributions from the Caucasian crab apple *Malus orientalis*. 0
- 323 Loquat (*Eriobotrya japonica* (Thunb.) Lindl) population genomics suggests a two-staged domestication and identifies genes showing convergence/parallel selective sweeps with apple or peach. **2021**, 106, 942-952 1
- 322 Growth and Yield Traits Variation of African Maize (*Zea mays L.*) Accessions in the Humid Tropical Rainforest of South-Eastern Nigeria. **2021**, 20, 305-312
- 321 Space, Time, and Variation. **2021**, 171-194
- 320 Demonstration of local adaptation of maize landraces by reciprocal transplantation. 2

319	Joint analysis of days to flowering reveals independent temperate adaptations in maize. 2021 , 126, 929-941	1
318	Spatial Delimitation of Genetic Diversity of Native Maize and Its Relationship with Ethnic Groups in Mexico. 2021 , 11, 672	1
317	The influence of maize genotype on the rhizosphere eukaryotic community. 2021 , 97,	3
316	Molecular Parallelism Underlies Convergent Highland Adaptation of Maize Landraces. 2021 , 38, 3567-3580	6
315	Population Genomics of the Maize Pathogen <i>Ustilago maydis</i> : Demographic History and Role of Virulence Clusters in Adaptation. 2021 , 13,	1
314	Use of Wild Progenitor Teosinte in Maize (<i>Zea mays</i> subsp. <i>mays</i>) Improvement: Present Status and Future Prospects. 2021 , 14, 156-179	4
313	Ozone sensitivity of diverse maize genotypes is associated with differences in gene regulation, not gene content.	
312	Traits to Differentiate Lineages and Subspecies of <i>Aegilops tauschii</i> , the D Genome Progenitor Species of Bread Wheat. 2021 , 13, 217	0
311	The geography of parasite local adaptation to host communities. 2021 , 44, 1205-1217	2
310	Transgene behavior in genetically modified teosinte hybrid plants: transcriptome expression, insecticidal protein production and bioactivity against a target insect pest. 2021 , 33,	1
309	Genetic analysis of three maize husk traits by QTL mapping in a maize-teosinte population. 2021 , 22, 386	1
308	Increased seminal root number associated with domestication improves nitrogen and phosphorus acquisition in maize seedlings. 2021 , 128, 453-468	4
307	Natural Variation in Crops: Realized Understanding, Continuing Promise. 2021 , 72, 357-385	19
306	Single-molecule long-read sequencing reveals extensive genomic and transcriptomic variation between maize and its wild relative teosinte (<i>Zea mays</i> ssp. <i>parviglumis</i>). 2021 ,	2
305	DWARF53 interacts with transcription factors UB2/UB3/TSH4 to regulate maize tillering and tassel branching. 2021 , 187, 947-962	0
304	The effects of charring on common bean (<i>Phaseolus vulgaris</i> L) seed morphology and strength. 2021 , 37, 102996	2
303	Using high-throughput multiple optical phenotyping to decipher the genetic architecture of maize drought tolerance. 2021 , 22, 185	9
302	Natural variation and artificial selection of photoperiodic flowering genes and their applications in crop adaptation. 2021 , 2, 156-169	4

301	Germplasm exchange is critical to conservation of biodiversity and global food security. 2021 , 113, 2969-2979	3
300	The utility of metabolomics as a tool to inform maize biology. 2021 , 2, 100187	3
299	Suitability of Hybrid and Landrace Maize Plants Within Conventional and Organic-Polyculture Maize Agroecosystems for Hosting Parasitic Wasps.	1
298	Construction of maize-teosinte introgression line population and identification of major quantitative trait loci. 2021 , 217, 1	0
297	DeepCob: precise and high-throughput analysis of maize cob geometry using deep learning with an application in genebank phenomics. 2021 , 17, 91	0
296	Hydration kinetics of commercial white maize (<i>Zea mays</i> L.) hybrids, and associations with grain intrinsic and wet-milling properties. 2021 , 101, 103279	0
295	Ancient Relatives of Modern Maize From the Center of Maize Domestication and Diversification Host Endophytic Bacteria That Confer Tolerance to Nitrogen Starvation. 2021 , 12, 660673	
294	Plasticity and domestication of root anatomy in maize-teosinte derived population. 2021 ,	1
293	Maize biochemistry in response to root herbivory was mediated by domestication, spread, and breeding. 2021 , 254, 70	0
292	A B73 x Palomero Toluqueño mapping population reveals local adaptation in Mexican highland maize.	0
291	Wild Progenitor and Landraces Led Genetic Gain in the Modern-Day Maize (<i>Zea mays</i> L.).	1
290	Genomic basis underlying the metabolome-mediated drought adaptation of maize. 2021 , 22, 260	3
289	The Siberian wild apple, <i>Malus baccata</i> (L.) Borkh., is an additional contributor to the genomes of cultivated European and Chinese apples.	
288	Domestication Reshaped the Genetic Basis of Inbreeding Depression in a Maize Landrace Compared to its Wild Relative, Teosinte.	
287	Isotopic study of maize exploitation during the Formative Period at Pacopampa, Peru. 2021 , 129, 121-132	1
286	Comparative evolutionary genetics of deleterious load in sorghum and maize. 2021 , 7, 17-24	12
285	Impacts of Early Agriculture and Deforestation on Geomorphic Systems. 2021 ,	
284	Unavailability of Wild Relatives. 224-249	1

283	Research on Conservation and Use of Crop Wild Relatives. 108-129	4
282	Genomics for Cereal Improvement. 2004 , 585-634	1
281	The Emergence of Maize Farming in Northwest Mexico. 2008 , 315-333	3
280	The Mexican Landraces: Description, Classification and Diversity. 2009 , 543-561	12
279	Genomics of Long- and Short-Term Adaptation in Maize and Teosintes. 2020 , 2090, 289-311	3
278	Corn, Colanders, and Cooking: Early Maize Processing in the Maya Lowlands and Its Implications. 2010 , 345-368	18
277	Biological Control of the Leafhopper <i>Dalbulus maidis</i> in Corn Throughout the Americas: Interaction Among Phytoplasma- Insect Vector- Parasitoids. 2019 , 203-218	1
276	Physical Settings, Environmental History with an Outlook on Global Change. 2015 , 9-37	12
275	Evolutionary Ecology and Ethnobiology. 2015 , 37-57	5
274	Harnessing Maize Biodiversity. 2018 , 335-366	5
273	Prehistoric human occupation and impacts on Neotropical forest landscapes during the Late Pleistocene and Early/Middle Holocene. 2007 , 193-218	9
272	Maize Tissue Culture and Transformation: The First 20 Years. 2009 , 7-27	8
271	Prehistoric human occupation and impacts on Neotropical forest landscapes during the Late Pleistocene and Early/Middle Holocene. 2011 , 185-212	8
270	Cereal Landraces for Sustainable Agriculture. 2011 , 147-186	7
269	The Developmental History of <i>Ustilago maydis</i> : A Saprophytic Yeast, a Mycelial Fungus, Mushroom-Like, and a Smut. 2019 , 49-68	1
268	Untapped Genetic Diversity of Wild Relatives for Crop Improvement. 2020 , 25-65	4
267	Advanced Production Technologies of Maize. 2019 , 237-260	2
266	<i>Spodoptera frugiperda</i> Caterpillars Suppress Herbivore-Induced Volatile Emissions in Maize. 2020 , 46, 344-360	24

265	Maize in the Americas. 2006 , 9-20	1
264	The origins of Amazonian landscapes: Plant cultivation, domestication and the spread of food production in tropical South America. 2020 , 248, 106582	33
263	Subsistence and Society in Prehistory: New Directions in Economic Archaeology. 2019 ,	7
262	The Native Languages of South America: Origins, Development, Typology. 1920 ,	4
261	Understanding the potential impact of transgenic crops in traditional agriculture: maize farmers' perspectives in Cuba, Guatemala and Mexico. 2005 , 4, 141-66	20
260	Crop Domestication in the American Tropics: Phytolith Analyses. 2004 , 326-329	2
259	Gene Flow Between Crops and Their Wild Progenitors. 2004 , 488-491	8
258	Crop Domestication in Mesoamerica. 2004 , 310-313	1
257	Darwinian Detectives. 2007 ,	6
256	People, Plants and Genes. 2007 ,	79
255	Imperial botany and the early scientific breeders. 2007 , 247-260	2
254	Patterns of diversity and recombination along chromosome 1 of maize (<i>Zea mays</i> ssp. <i>mays</i> L.). 2002 , 162, 1401-13	74
253	Estimating the time since the fixation of a beneficial allele. 2003 , 164, 1667-76	79
252	Genetic structure and diversity among maize inbred lines as inferred from DNA microsatellites. 2003 , 165, 2117-28	359
251	Molecular-Genetic Characterization of CMS-S Restorer-of-Fertility Alleles Identified in Mexican Maize and Teosinte. 2004 , 166, 959-970	1
250	Phylogeography of <i>Ustilago maydis</i> virus H1 in the USA and Mexico. 2006 , 87, 3433-3441	19
249	Recent demography drives changes in linked selection across the maize genome.	0
248	The Potential Role of Genetic Assimilation during Maize Domestication.	2

247	The interplay of demography and selection during maize domestication and expansion.	6
246	Molecular Parallelism Underlies Convergent Highland Adaptation of Maize Landraces.	8
245	Genetic diversity of maize landraces from the South-West of France.	2
244	Genome-wide SNP genotyping of DNA pools identifies untapped landraces and genomic regions that could enrich the maize breeding pool.	2
243	Was maize domesticated in the Balsas Basin? Complex patterns of genetic divergence, gene flow and ancestral introgressions among Zea subspecies suggest an alternative scenario.	1
242	Genetic Diversity Patterns and Domestication Origin of Soybean.	1
241	Adaptive introgression: an untapped evolutionary mechanism for crop adaptation.	0
240	The Genomic Ecosystem of Transposable Elements in Maize.	25
239	Comparative evolutionary analysis and prediction of deleterious mutation patterns between sorghum and maize.	1
238	Modeling Abiotic Niches of Crops and Wild Ancestors Using Deep Learning: A Generalized Approach.	1
237	Metabolomics analysis reveals differences in evolution between maize and rice. 2020 , 103, 1710-1722	19
236	Whole genome de novo assemblies of three divergent strains of rice, <i>Oryza sativa</i> , document novel gene space of aus and indica. 2014 , 15, 506	105
235	Crops Come from Wild Plants How Domestication, Transgenes, and Linkage Together Shape Fertility. 2005 , 9-30	9
234	Origin Matters: Lessons from the Search for the Wild Ancestor of Maize. 2005 , 55, 383-390	15
233	Origins of traditional cultivars of <i>Primula sieboldii</i> revealed by nuclear microsatellite and chloroplast DNA variations. 2008 , 58, 347-354	4
232	Independent introductions and admixtures have contributed to adaptation of European maize and its American counterparts. 2017 , 13, e1006666	45
231	Gene regulatory effects of a large chromosomal inversion in highland maize. 2020 , 16, e1009213	14
230	A geospatial modelling approach integrating archaeobotany and genetics to trace the origin and dispersal of domesticated plants. 2010 , 5, e12060	37

229	Genetic characterization of a core set of a tropical maize race Tuxpeñ for further use in maize improvement. 2012 , 7, e32626	32
228	Genetic patterns of domestication in pigeonpea (<i>Cajanus cajan</i> (L.) Millsp.) and wild <i>Cajanus</i> relatives. 2012 , 7, e39563	72
227	Inferences from the historical distribution of wild and domesticated maize provide ecological and evolutionary insight. 2012 , 7, e47659	53
226	Disentangling the origins of cultivated sweet potato (<i>Ipomoea batatas</i> (L.) Lam.). 2013 , 8, e62707	75
225	Genetic diversity and molecular evolution of Chinese waxy maize germplasm. 2013 , 8, e66606	21
224	Microsatellite Variations of Elite <i>Setaria</i> Varieties Released during Last Six Decades in China. 2015 , 10, e0125688	9
223	Maize Domestication and Anti-Herbivore Defences: Leaf-Specific Dynamics during Early Ontogeny of Maize and Its Wild Ancestors. 2015 , 10, e0135722	33
222	Evolution Analysis of Simple Sequence Repeats in Plant Genome. 2015 , 10, e0144108	25
221	The Domestication Syndrome in <i>Phoenix dactylifera</i> Seeds: Toward the Identification of Wild Date Palm Populations. 2016 , 11, e0152394	27
220	Indications for Three Independent Domestication Events for the Tea Plant (<i>Camellia sinensis</i> (L.) O. Kuntze) and New Insights into the Origin of Tea Germplasm in China and India Revealed by Nuclear Microsatellites. 2016 , 11, e0155369	28
219	A Gene-Oriented Haplotype Comparison Reveals Recently Selected Genomic Regions in Temperate and Tropical Maize Germplasm. 2017 , 12, e0169806	1
218	The potential role of genetic assimilation during maize domestication. 2017 , 12, e0184202	12
217	Diversity and Density-Dependence Relationship between Hymenopteran Egg Parasitoids and the Corn Leafhopper (Hemiptera: Cicadellidae) in Maize Agroecosystem vs. Teosinte Wild Habitat. 2020 , 103, 48	1
216	Genetic Diversity in CIMMYT Nontemperate Maize Germplasm: Landraces, Open Pollinated Varieties, and Inbred Lines. 2008 , 48, 617-624	76
215	Cebos feromonales para la captura de <i>Spodoptera frugiperda</i> (J. E. Smith) (Lepidoptera: Noctuidae) en cultivos de maíz adyacentes a cultivos de fresas. 2020 , 36, 1-15	4
214	Effectors with Different Gears: Divergence of Effector Genes Is Associated with Their Temporal Expression Pattern during Plant Infection. 2020 , 7,	4
213	Empirical Analysis of Selection Screens for Domestication and Improvement Loci in Maize by Extended DNA Sequencing. 2008 , 1,	4
212	Assessing spatial genetic structure from molecular marker data via principal component analyses: A case study in a <i>Prosopis</i> sp. forest. 2014 , 05, 89-99	3

211	Genetic, evolutionary and plant breeding insights from the domestication of maize. 2015 , 4,	51
210	Testing the link between genome size and growth rate in maize. 2016 , 4, e2408	12
209	Characterization of introgression from the teosinte ssp. to Mexican highland maize. 2019 , 7, e6815	14
208	Natural variation in teosinte at the domestication locus teosinte branched1 (tb1). 2015 , 3, e900	12
207	Agroecological Heritage: Elucidating the Place of Cycads in Indigenous Mesoamerican Epistemologies. 2021 , 35-53	
206	A common garden super-experiment: An impossible dream to inspire possible synthesis.	1
205	Physicochemical characterization of the anatomical structures of teosinte (<i>Zea mays</i> subsp. <i>mexicana</i>) covered caryopses.. 2021 , 103353	0
204	ZmCCT regulates photoperiod-dependent flowering and response to stresses in maize. 2021 , 21, 453	2
203	The genomic ecosystem of transposable elements in maize. 2021 , 17, e1009768	6
202	Unravelling the genetic potential of untapped crop wild genetic resources for crop improvement. 1	0
201	Crop management in the classical and medieval periods. 2007 , 221-233	
200	Fluid genomes, uncertain species, and the genetics of crop domestication. 2007 , 65-77	
199	Agriculture: a mixed blessing. 2007 , 124-136	
198	Evolution of agrourban cultures: III Africa, Europe, and the Americas. 2007 , 189-218	
197	The domestication of cereal crops. 2007 , 78-95	
196	Size Matters. 2007 , 167-184	
195	Plant management and agriculture. 2007 , 20-35	
194	People and the emergence of crops. 2007 , 109-123	

193 Who Were the Neanderthals?. **2007**, 103-116

192 The domestication of non-cereal crops. **2007**, 96-106

191 Balancing Selection and Disease. **2007**, 71-83

190 What Are the Genetic Differences That Made Us Human?. **2007**, 129-142

189 Why Intelligent Design Is Not Science. **2007**, 17-37

188 Who Let the Dogs in?. **2007**, 153-166

187 Evolution of agrourban cultures: II South and east Asia. **2007**, 174-188

186 Agricultural improvement and the rise of crop breeding. **2007**, 234-246

185 Negative Selection and the Neutral Theory of Molecular Evolution. **2007**, 43-56

184 Clicks, Genes, and Languages. **2007**, 143-152

183 Plant genomes. **2007**, 55-64

182 Evolution of agrourban cultures: I The Near East. **2007**, 137-173

181 Are We the Third Chimpanzee?. **2007**, 117-128

180 Finding Our Roots. **2007**, 89-102

179 The future of agriculture and humanity. **2007**, 279-287

178 Early human societies and their plants. **2007**, 3-19

177 The Baby with the Baboon Heart. **2007**, 3-16

176 Detecting Positive Selection. **2007**, 57-70

- 175 Crop Plants: Evolution.
- 174 Scientific, Botanical, and Biological Research on Maize. **2010**, 85-147
- 173 An Introduction to Maize Cobs and Cultures. **2010**, 1-6
- 172 Dedication: Major M. Goodman: Maize Geneticist and Breeder. 1-29
- 171 Mais [Goldene Ernte. **2014**, 151-181
- 170 The Sacred Valley as a Zone of Productivity, Privilege and Power. **2016**, 131-187
- 169 Targeted re-sequencing reveals the genomic signatures of multiple barley domestications.
- 168 Unbiased K-mer Analysis Reveals Changes in Copy Number of Highly Repetitive Sequences During Maize Domestication and Improvement.
- 167 Colonization history of the Western Corn Rootworm (*Diabrotica virgifera virgifera*) in North America: insights from random forest ABC using microsatellite data. ○
- 166 Metatranscriptomics and nitrogen fixation from the rhizoplane of maize plantlets inoculated with a group of PGPRs. ○
- 165 Effect of male and female urine on growth and phytochemical constituents of Zea Mays. **2018**, 2, ○
- 164 Human Influence Versus Natural Climate Variability. **2019**, 171-194 ○
- 163 Insights into the Holocene Environmental History of the Highlands of Central Mexico. **2019**, 97-114 2
- 162 A Silk-Expressed Pectin Methylesterase Confers Cross-Incompatibility Between Wild and Domesticated Strains of Zea mays.
- 161 Climate change is predicted to disrupt patterns of local adaptation in wild and cultivated maize.
- 160 Resistance and Tolerance to Root Herbivory in Maize were Mediated by Domestication, Spread, and Breeding.
- 159 Gene regulatory effects of a large chromosomal inversion in highland maize. ○
- 158 Maize Biochemical Defences against a Rootworm Were Mediated by Domestication, Spread, and Breeding.

- 157 Improving Maize Trait through Modifying Combination of Genes. **2020**, 173-196
- 156 Increased seed carbohydrate reserves associated with domestication influence the optimal seminal root number of *Zea mays*. 1
- 155 Identification of Chicha de Maiz in the Pre-Columbian Andes Through Starch Analysis: New Experimental Evidence. **2021**, 187-204
- 154 Population genomics of the maize pathogen *Ustilago maydis*: demographic history and role of virulence clusters in adaptation.
- 153 Effectors with different gears: divergence of *Ustilago maydis* effector genes is associated with their temporal expression pattern during plant infection.
- 152 Maize in Andean Food and Culture: Interdisciplinary Approaches. **2021**, 283-310
- 151 Encyclopedia of Global Archaeology. **2020**, 6686-6688
- 150 Encyclopedia of Global Archaeology. **2020**, 3583-3589
- 149 Evaluation of the minimum sampling design for population genomic and microsatellite studies. An analysis based on wild maize.
- 148 Micropalaeontological applications in archaeology: mobility and provenance. 143-158 2
- 147 Identification of duplicate accessions in the sweet maize collection by means of zein electrophoresis. **2020**, 24, 589-597 2
- 146 Sustainable Approaches Toward the Production of Bioethanol from Biomass. **2021**, 15-38 1
- 145 The Ancient Varieties of Mountain Maize: The Inheritance of the Pointed Character and Its Effect on the Natural Drying Process. **2021**, 11, 2295 0
- 144 N-cycling microbiome recruitment differences between modern and wild *Zea mays*. 0
- 143 GATHERING AND SOWING ACROSS THE CENTRAL MAYA LOWLANDS: A REVIEW OF PLANT USE BY PRECERAMIC PEOPLES AND THE EARLY TO MIDDLE PRECLASSIC MAYA. **2021**, 32, 486-501 3
- 142 Dimensions de la diversité des maïs indigènes au Mexique. **2021**,
- 141 Les populations autochtones de maïs au Mexique. **2021**,
- 140 THE RHIZOSPHERE BACTERIAL COMMUNITIES DIFFER AMONG DOMESTICATED MAIZE LANDRACES [AN EXPERIMENTAL CONFIRMATION.

139	Back to the wild: mining maize (<i>Zea mays</i> L.) disease resistance using advanced breeding tools.. 2022 , 1	1
138	A B73Palomero ToluqueB mapping population reveals local adaptation in Mexican highland maize.. 2022 ,	1
137	A role for heritable transcriptomic variation in maize adaptation to temperate environments.	0
136	Genome-Wide Association Study of Root System Architecture in Maize.. 2022 , 13,	2
135	Phylogeny and disparate selection signatures suggest two genetically independent domestication events of pea (<i>Pisum</i> L.).. 2022 ,	3
134	Ecology and Evolutionary History of Beetles-Overview and Update.. 2022 , 13,	0
133	Development and validation of microsatellite markers for kikuyu grass using next generation sequencing technology. 2022 ,	0
132	Photoperiod Control of Plant Growth: Flowering Time Genes Beyond Flowering.. 2021 , 12, 805635	4
131	Enhancing crop diversity for food security in the face of climate uncertainty. 2021 ,	9
130	Effects of climate change on annual crops: the case of maize production in Africa. 2022 , 213-228	0
129	The genomics of ornamental plants: current status and opportunities. 2022 , 2, 1-18	0
128	Improved Technological Processes on the Nutritional Quality of Maize.	
127	Domestication and lowland adaptation of coastal preceramic maize from Paredones, Peru.	0
126	Genetic Architecture of Grain Yield-Related Traits in Sorghum and Maize.. 2022 , 23,	0
125	Population genomics of <i>Zea</i> species identifies selection signatures during maize domestication and adaptation.. 2022 , 22, 72	1
124	Tpicos em Agroecologia, Volume 3.	
123	Large haplotypes highlight a complex age structure within the maize pan-genome.	
122	Plant clock modifications for adapting flowering time to local environments.. 2022 ,	0

121	Demonstration of local adaptation in maize landraces by reciprocal transplantation.	1
120	Convergent selection of a WD40 protein that enhances grain yield in maize and rice.. 2022 , 375, eabg7985	4
119	South-to-north migration preceded the advent of intensive farming in the Maya region.. 2022 , 13, 1530	4
118	Effects of Raised Ambient Temperature on the Local and Systemic Adaptions of Maize.. 2022 , 11,	0
117	Beyond a reference genome: pangenomes and population genomics of underutilized and orphan crops for future food and nutrition security.. 2022 ,	0
116	Maize dispersal patterns associated with different types of endosperm and migration of indigenous groups in lowland South America.. 2022 ,	1
115	The rhizospheric microbiome becomes more diverse with maize domestication and genetic improvement. 2022 , 21, 1188-1202	0
114	Domestication reshaped the genetic basis of inbreeding depression in a maize landrace compared to its wild relative, teosinte.. 2021 , 17, e1009797	1
113	Agroecological management with intra- and interspecific diversification as an alternative to conventional soil nutrient management in family maize farming. 2022 , 46, 364-391	0
112	Contribution of Japanese Scientists to Global Agricultural Science and Production in Wheat and Maize at CIMMYT. 2021 , 55, 489-500	
111	Transformation of Teosinte (ssp.) Biolistic Bombardment of Seedling-Derived Callus Tissues.. 2021 , 12, 773419	0
110	The effect of different solvents and acidifying reagents on the anthocyanin profiles and antioxidant capacity of purple corn.	
109	ACCELERATOR MASS SPECTROMETRY DATING OF MEADOWCROFT ROCKSHELTER MAIZE. 1-13	2
108	Image_1.TIFF. 2018 ,	
107	Image_10.TIFF. 2018 ,	
106	Image_3.TIFF. 2018 ,	
105	Image_4.TIFF. 2018 ,	
104	Image_5.TIFF. 2018 ,	

103 Image_6.TIFF. 2018,

102 Image_7.TIFF. 2018,

101 Image_8.TIFF. 2018,

100 Image_9.TIFF. 2018,

99 Presentation_1.PDF. 2018,

98 Table_1.DOCX. 2018,

97 Gradual domestication of root traits in the earliest maize from Tehuacān.. *Proceedings of the National Academy of Sciences of the United States of America*, 2022, 119, e2110245119 11.5 2

96 Maize Breeding. 2022, 221-258

95 The climatic constrains of the historical global spread of mungbean. 0

94 Photoperiod-Dependent Mechanisms of Flowering Initiation in *Arabidopsis thaliana* L. and *Zea mays* L.. 2022, 69, 1

93 Tlaxcala, investigaci3n en ma7z nativo y mejorado: problem3tica, campos del conocimiento y nuevos retos. 2022, 13, 539-551

92 The East Asian wild apples, *Malus baccata* (L.) Borkh and *Malus hupehensis* (Pamp.) Rehder., are additional contributors to the genomes of cultivated European and Chinese varieties.. 2022, 0

91 Variation in leaf transcriptome responses to elevated ozone corresponds with physiological sensitivity to ozone across maize inbred lines.. 2022, 0

90 Genetic Structure and Molecular Mechanisms Underlying the Formation of Tassel, Anther, and Pollen in the Male Inflorescence of Maize (*Zea mays* L.). 2022, 11, 1753 0

89 Population genomics provide insights into the global genetic structure of *Colletotrichum graminicola*, the causal agent of maize anthracnose.

88 Maize immune signalling peptide ZIP1 evolved de novo from a retrotransposon. 1

87 Portrait of a genus: genome sequencing reveals evidence of adaptive variation in *Zea*. 0

86 Full Issue PDF. 2022, 6, 108-182

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- 78 De Novo Domestication in the Multi-Omics Era.
- 77 Rhizosphere bacterial communities differ among traditional maize landraces.
- 76 Physiological and omics analysis of maize inbred lines during late grain development. **2022**, 44, 993-1006 0
- 75 Molecular genetic variation of animals and plants under domestication. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, 11.5 0
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