

John S Heslop-Harrison

List of Publications by Year in Descending Order

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

307
papers

12,315
citations

61
h-index

98
g-index

391
ext. papers

13,727
ext. citations

4.5
avg, IF

6.45
L-index

#	Paper	IF	Citations
307	The Nature and Chromosomal Landscape of Endogenous Retroviruses (ERVs) Integrated in the Sheep Nuclear Genome. <i>Dna</i> , 2022 , 2, 86-103		0
306	A chromosome-level reference genome of <i>Ensete glaucum</i> gives insight into diversity and chromosomal and repetitive sequence evolution in the Musaceae.. <i>GigaScience</i> , 2022 , 11,	7.6	2
305	The Genetic Diversity of Enset () Landraces Used in Traditional Medicine Is Similar to the Diversity Found in Non-medicinal Landraces.. <i>Frontiers in Plant Science</i> , 2021 , 12, 756182	6.2	2
304	Chromosome identification in oil palm (<i>Elaeis guineensis</i>) using in situ hybridization with massive pools of single copy oligonucleotides and transferability across Arecaceae species. <i>Chromosome Research</i> , 2021 , 1	4.4	0
303	Critique of the "Comment" etitled "Pyrethroid exposure: Not so harmless after all" by Demeneix et al. (2020) published in the lancet diabetes endocrinology. <i>Toxicology Letters</i> , 2021 , 340, 1-3	4.4	
302	Participation of Multifunctional RNA in Replication, Recombination and Regulation of Endogenous Plant Pararetroviruses (EPRVs). <i>Frontiers in Plant Science</i> , 2021 , 12, 689307	6.2	1
301	Anchoring alien chromosome segment substitutions bearing gene(s) for resistance to mustard aphid in <i>Brassica juncea</i> - <i>B. fruticulosa</i> introgression lines and their possible disruption through gamma irradiation. <i>Theoretical and Applied Genetics</i> , 2021 , 134, 3209-3224	6	4
300	Allele mining in diverse accessions of tropical grasses to improve forage quality and reduce environmental impact. <i>Annals of Botany</i> , 2021 , 128, 627-637	4.1	0
299	Analysis of the Robertsonian (1;29) fusion in Bovinae reveals a common mechanism: insights into its clinical occurrence and chromosomal evolution. <i>Chromosome Research</i> , 2021 , 1	4.4	1
298	The EU chemicals strategy for sustainability: in support of the BfR position. <i>Archives of Toxicology</i> , 2021 , 95, 3133-3136	5.8	2
297	<i>Panicum virgatum</i> (Poaceae). <i>Trends in Genetics</i> , 2021 , 37, 771-772	8.5	1
296	Identification of Chromosomes and Chromosome Rearrangements in Crop Brassicas and : A Cytogenetic Toolkit Using Synthesized Massive Oligonucleotide Libraries. <i>Frontiers in Plant Science</i> , 2020 , 11, 598039	6.2	5
295	Human exposure to synthetic endocrine disrupting chemicals (S-EDCs) is generally negligible as compared to natural compounds with higher or comparable endocrine activity. How to evaluate the risk of the S-EDCs?. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020 , 83, 485-494	3.2	7
294	Cross-Disciplinary Drivers: Benefit to Smallholder Farmers and to Achieve SDGs by Various Means 2020 , 2325-2335		
293	The landscape of microsatellites in the enset (<i>Ensete ventricosum</i>) genome and web-based marker resource development. <i>Scientific Reports</i> , 2020 , 10, 15312	4.9	6
292	Comparative chloroplast genome analyses of <i>Avena</i> : insights into evolutionary dynamics and phylogeny. <i>BMC Plant Biology</i> , 2020 , 20, 406	5.3	10
291	Enset in Ethiopia: a poorly characterized but resilient starch staple. <i>Annals of Botany</i> , 2019 , 123, 747-766	4.1	52

290	The repetitive DNA landscape in <i>Avena</i> (Poaceae): chromosome and genome evolution defined by major repeat classes in whole-genome sequence reads. <i>BMC Plant Biology</i> , 2019 , 19, 226	5.3	24
289	Conservation, Divergence, and Functions of Centromeric Satellite DNA Families in the Bovidae. <i>Genome Biology and Evolution</i> , 2019 , 11, 1152-1165	3.9	13
288	Bovine satellite DNAs: a history of the evolution of complexity and its impact in the Bovidae family 2019 , 86, 20-37		6
287	Cross-Disciplinary Drivers: Benefit to Smallholder Farmers and to Achieve SDGs by Various Means 2019 , 1-12		1
286	Tropical Plant Collections: Legacies from the Past? Essential Tools for the Future? Scientia Danica. Series B, Biologica [vol. 6] Friis and Henrik Balslev (eds). <i>Annals of Botany</i> , 2019 , 123, vii-viii	4.1	78
285	Complete mitogenomes from Kurdistan sheep: abundant centromeric nuclear copies representing diverse ancestors. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018 , 29, 1180-1193	1.3	3
284	Biodiversity in Ethiopian linseed (<i>Linum usitatissimum</i> L.): molecular characterization of landraces and some wild species. <i>Genetic Resources and Crop Evolution</i> , 2018 , 65, 1603-1614	2	7
283	An Immortalized Genetic Mapping Population for Perennial Ryegrass: A Resource for Phenotyping and Complex Trait Mapping. <i>Frontiers in Plant Science</i> , 2018 , 9, 717	6.2	3
282	ImmunoFISH: Simultaneous Visualisation of Proteins and DNA Sequences Gives Insight Into Meiotic Processes in Nuclei of Grasses. <i>Frontiers in Plant Science</i> , 2018 , 9, 1193	6.2	8
281	Molecular Diversity in some Ghanaian Cowpea [<i>Vigna unguiculata</i> L. (Walp)] Accessions. <i>Tropical Plant Biology</i> , 2017 , 10, 57-67	1.6	1
280	Plant Genomes 2017 , 243-247		1
279	Repetitive DNA in the Catfish Genome: rDNA, Microsatellites, and Tc1-Mariner Transposon Sequences in <i>Imparfinis</i> Species (Siluriformes, Heptapteridae). <i>Journal of Heredity</i> , 2017 , 108, 650-657	2.4	15
278	Polyploidy and interspecific hybridization: partners for adaptation, speciation and evolution in plants. <i>Annals of Botany</i> , 2017 , 120, 183-194	4.1	147
277	CENH3 morphogenesis reveals dynamic centromere associations during synaptonemal complex formation and the progression through male meiosis in hexaploid wheat. <i>Plant Journal</i> , 2017 , 89, 235-249	6.9	13
276	Morphology, adaptation and speciation. <i>Annals of Botany</i> , 2017 , 120, 621-624	4.1	3
275	Polyploidy 2017 ,		0
274	Complete chloroplast genomes from apomictic <i>Taraxacum</i> (Asteraceae): Identity and variation between three microspecies. <i>PLoS ONE</i> , 2017 , 12, e0168008	3.7	21
273	Molecular Genetics and Breeding 2017 , 225-282		

272	Molecular cytogenetic characterization of novel wheat- <i>Thinopyrum bessarabicum</i> recombinant lines carrying intercalary translocations. <i>Chromosoma</i> , 2016 , 125, 163-72	2.8	28
271	22(nd) International Colloquium on Animal Cytogenetics and Genomics : 2-5 July 2016, Toulouse - France Dedicated to the memory of Florence Richard Edited by: Martine Yerle-Bouissou & Alain Pinton GenPhySE, Université de Toulouse, INRA, INPT, ENVT, Castanet Tolosan, France (martine.yerle@toulouse.inra.fr). <i>Chromosome Research</i> , 2016 , 24 Suppl 1, 1-48	4.4	2
270	Insight into the evolution of the Solanaceae from the parental genomes of <i>Petunia hybrida</i> . <i>Nature Plants</i> , 2016 , 2, 16074	11.5	198
269	Introgression of chromosome segments from multiple alien species in wheat breeding lines with wheat streak mosaic virus resistance. <i>Heredity</i> , 2016 , 117, 114-23	3.6	31
268	Diversity in 198 Ethiopian linseed (<i>Linum usitatissimum</i>) accessions based on morphological characterization and seed oil characteristics. <i>Genetic Resources and Crop Evolution</i> , 2015 , 62, 1037-1053	2	17
267	Diversity and relationships of <i>Crocus sativus</i> and its relatives analysed by inter-retroelement amplified polymorphism (IRAP). <i>Annals of Botany</i> , 2015 , 116, 359-68	4.1	31
266	Evolutionary genomics of miniature inverted-repeat transposable elements (MITEs) in Brassica. <i>Molecular Genetics and Genomics</i> , 2015 , 290, 2297-312	3.1	6
265	Agriculture and Climate Change in Southeast Asia and the Middle East: Breeding, Climate Change Adaptation, Agronomy, and Water Security 2015 , 1511-1519		1
264	Identification, characterization and diversification of non-autonomous hAT transposons and unknown insertions in Brassica. <i>Genes and Genomics</i> , 2015 , 37, 945-958	2.1	3
263	Chromosomal distribution and evolution of abundant retrotransposons in plants: gypsy elements in diploid and polyploid <i>Brachiaria</i> forage grasses. <i>Chromosome Research</i> , 2015 , 23, 571-82	4.4	28
262	Integration of genetic and physical maps of the <i>Primula vulgaris</i> S locus and localization by chromosome in situ hybridization. <i>New Phytologist</i> , 2015 , 208, 137-48	9.8	19
261	Identification and evolutionary genomics of novel LTR retrotransposons in Brassica. <i>Turkish Journal of Biology</i> , 2015 , 39, 740-757	3.1	3
260	The self-incompatibility mating system of the olive (<i>Olea europaea</i> L.) functions with dominance between S-alleles. <i>Tree Genetics and Genomes</i> , 2014 , 10, 1055-1067	2.1	29
259	Agriculture and Climate Change in Southeast Asia and the Middle East: Breeding, Climate Change Adaptation, Agronomy, and Water Security 2014 , 1-8		4
258	The diversification and activity of hAT transposons in <i>Musa</i> genomes. <i>Chromosome Research</i> , 2014 , 22, 559-71	4.4	11
257	Reticulate evolution in <i>Panicum</i> (Poaceae): the origin of tetraploid broomcorn millet, <i>P. miliaceum</i> . <i>Journal of Experimental Botany</i> , 2014 , 65, 3165-75	7	57
256	The repetitive component of the A genome of peanut (<i>Arachis hypogaea</i>) and its role in remodelling intergenic sequence space since its evolutionary divergence from the B genome. <i>Annals of Botany</i> , 2013 , 112, 545-59	4.1	25
255	Nucleosomes and centromeric DNA packaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19974-5	11.5	21

254	Genetics, genomics and breeding of oilseed brassicas. <i>Annals of Botany</i> , 2013 , 112, vi-vi	4.1	1
253	Darlington, Cyril Dean 2013 , 282-283		
252	Chromosome Bridge 2013 , 550		
251	Polyploidy 2013 , 402-403		1
250	Genome evolution: extinction, continuation or explosion?. <i>Current Opinion in Plant Biology</i> , 2012 , 15, 115-21	9.9	13
249	Plant Nuclear Genome Composition 2012 ,		9
248	Genetics and genomics of crop domestication 2012 , 3-18		11
247	The banana (<i>Musa acuminata</i>) genome and the evolution of monocotyledonous plants. <i>Nature</i> , 2012 , 488, 213-7	50.4	762
246	Size and location of radish chromosome regions carrying the fertility restorer Rfk1 gene in spring turnip rape. <i>Chromosome Research</i> , 2012 , 20, 353-61	4.4	9
245	Genetic linkage mapping in an F2 perennial ryegrass population using DArT markers. <i>Plant Breeding</i> , 2012 , 131, 345-349	2.4	14
244	Traits with ecological functions. <i>Annals of Botany</i> , 2012 , 110, 139-40	4.1	1
243	The 1.688 repetitive DNA of <i>Drosophila</i> : concerted evolution at different genomic scales and association with genes. <i>Molecular Biology and Evolution</i> , 2012 , 29, 7-11	8.3	80
242	GENOMICS, BANANA BREEDING AND SUPERDOMESTICATION. <i>Acta Horticulturae</i> , 2011 , 55-62	0.3	8
241	Organisation of the plant genome in chromosomes. <i>Plant Journal</i> , 2011 , 66, 18-33	6.9	177
240	The World Saffron and Crocus collection: strategies for establishment, management, characterisation and utilisation. <i>Genetic Resources and Crop Evolution</i> , 2011 , 58, 125-137	2	38
239	Somatic hybrid plants of <i>Nicotiana x sanderae</i> (+) <i>N. debneyi</i> with fungal resistance to <i>Peronospora tabacina</i> . <i>Annals of Botany</i> , 2011 , 108, 809-19	4.1	22
238	Atlas of the potential vegetation of Ethiopia. <i>Annals of Botany</i> , 2011 , 107, vi-vii	4.1	3
237	Characterization and genomic organization of PER1, a repetitive DNA in the <i>Drosophila buzzatii</i> cluster related to DINE-1 transposable elements and highly abundant in the sex chromosomes. <i>Cytogenetic and Genome Research</i> , 2011 , 132, 79-88	1.9	22

236	Reduction of complex signaling networks to a representative kernel. <i>Science Signaling</i> , 2011 , 4, ra35	8.8	39
235	Evolutionary design principles and functional characteristics based on kingdom-specific network motifs. <i>Bioinformatics</i> , 2011 , 27, 245-51	7.2	16
234	Genes in evolution: the control of diversity and speciation. <i>Annals of Botany</i> , 2010 , 106, 437-8	4.1	6
233	A design principle underlying the synchronization of oscillations in cellular systems. <i>Journal of Cell Science</i> , 2010 , 123, 537-43	5.3	48
232	Fine Mapping of Quantitative Trait Loci for Biomass Yield in Perennial Ryegrass 2010 , 461-464		1
231	The non-regular orbit: three satellite DNAs in <i>Drosophila martensis</i> (buzzatii complex, repleta group) followed three different evolutionary pathways. <i>Molecular Genetics and Genomics</i> , 2010 , 284, 251-62	3.1	4
230	Structural adaptation and robustness of Dictyostelium ligand receptor kinetics for low and high ligand concentrations. <i>International Journal of Robust and Nonlinear Control</i> , 2010 , 20, 1047-1058	3.6	
229	Quantitative trait loci mapping for biomass yield traits in a <i>Lolium</i> inbred line derived F2 population. <i>Euphytica</i> , 2009 , 170, 99-107	2.1	26
228	Analysis and extension of a biochemical network model using robust control theory. <i>International Journal of Robust and Nonlinear Control</i> , 2009 , 20, 1017-1026	3.6	5
227	Evolutionary dynamics and sites of illegitimate recombination revealed in the interspersion and sequence junctions of two nonhomologous satellite DNAs in cactophilic <i>Drosophila</i> species. <i>Heredity</i> , 2009 , 102, 453-64	3.6	22
226	Identification of the spontaneous 7BS/7RL intergenomic translocation in one F1 multigenic hybrid from the Triticeae tribe. <i>Plant Breeding</i> , 2009 , 128, 105-108	2.4	12
225	Computational modelling suggests dynamic interactions between Ca ²⁺ , IP3 and G protein-coupled modules are key to robust Dictyostelium aggregation. <i>Molecular BioSystems</i> , 2009 , 5, 612-28		7
224	Crosstalk between G-protein and Ca ²⁺ pathways switches intracellular cAMP levels. <i>Molecular BioSystems</i> , 2009 , 5, 43-51		8
223	Registration of Mace Hard Red Winter Wheat. <i>Journal of Plant Registrations</i> , 2009 , 3, 51-56	0.7	59
222	The CACTA transposon Bot1 played a major role in Brassica genome divergence and gene proliferation. <i>Plant Journal</i> , 2008 , 56, 1030-44	6.9	63
221	Elucidating the mechanisms of cooperative calcium-calmodulin interactions: a structural systems biology approach. <i>BMC Systems Biology</i> , 2008 , 2, 48	3.5	36
220	Molecular cytogenetics, cytology and genomic comparisons in the Triticeae. <i>Hereditas</i> , 2008 , 116, 93-99	2.4	4
219	Species specific DNA sequences in the Triticeae. <i>Hereditas</i> , 2008 , 116, 49-54	2.4	

218	Molecular cytogenetics, cytology and genomic comparisons in the Triticeae. <i>Hereditas</i> , 2008 , 116, 93-99	2.4	12
217	Genomes, diversity and resistance gene analogues in Musa species. <i>Cytogenetic and Genome Research</i> , 2008 , 121, 59-66	1.9	28
216	Multiple calcium binding sites make calmodulin multifunctional. <i>Molecular BioSystems</i> , 2008 , 4, 66-73		13
215	Evolutionary design principles of modules that control cellular differentiation: consequences for hysteresis and multistationarity. <i>Bioinformatics</i> , 2008 , 24, 1516-22	7.2	12
214	Linear time-varying models can reveal non-linear interactions of biomolecular regulatory networks using multiple time-series data. <i>Bioinformatics</i> , 2008 , 24, 1286-92	7.2	12
213	Retroelement insertional polymorphisms, diversity and phylogeography within diploid, D-genome <i>Aegilops tauschii</i> (Triticeae, Poaceae) sub-taxa in Iran. <i>Annals of Botany</i> , 2008 , 101, 855-61	4.1	45
212	Sequence analysis, chromosomal distribution and long-range organization show that rapid turnover of new and old pBuM satellite DNA repeats leads to different patterns of variation in seven species of the <i>Drosophila buzzatii</i> cluster. <i>Chromosome Research</i> , 2008 , 16, 307-24	4.4	40
211	Wheat Neocentromeres Found in F1 Triticale (Tritordeum Hybrids (AABBRHch) After 5-Azacytidine Treatment. <i>Plant Molecular Biology Reporter</i> , 2008 , 26, 46-52	1.7	7
210	Segregation distortion in <i>Lolium</i> : evidence for genetic effects. <i>Theoretical and Applied Genetics</i> , 2008 , 117, 297-306	6	34
209	Genomics of Banana and Plantain (<i>Musa</i> spp.), Major Staple Crops in the Tropics 2008 , 83-111		24
208	Least-squares methods for identifying biochemical regulatory networks from noisy measurements. <i>BMC Bioinformatics</i> , 2007 , 8, 8	3.6	19
207	Domestication, genomics and the future for banana. <i>Annals of Botany</i> , 2007 , 100, 1073-84	4.1	247
206	Stochastic noise and synchronisation during dictyostelium aggregation make cAMP oscillations robust. <i>PLoS Computational Biology</i> , 2007 , 3, e218	5	29
205	From crop domestication to super-domestication. <i>Annals of Botany</i> , 2007 , 100, 893-901	4.1	135
204	Plant Nuclear Genome Composition 2007 ,		1
203	Repetitive DNA, molecular cytogenetics and genome organization in the King scallop (<i>Pecten maximus</i>). <i>Gene</i> , 2007 , 406, 91-8	3.8	28
202	Morphological, yield, cytological and molecular characterization of a bread wheat x tritordeum F1 hybrid. <i>Journal of Genetics</i> , 2006 , 85, 123-31	1.2	9
201	Physical organization of the 1.709 satellite IV DNA family in Bovini and Tragelaphini tribes of the Bovidae: sequence and chromosomal evolution. <i>Cytogenetic and Genome Research</i> , 2006 , 114, 140-6	1.9	15

200	Optical fluorescence of biological samples using STJs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 559, 782-784 ^{1,2}	1.2	8
199	Biodiversity of Diploid D-Genome <i>Aegilops Tauschii</i> Coss. in Iran Measured Using Microsatellites. <i>Genetic Resources and Crop Evolution</i> , 2006 , 53, 1477-1484	2	25
198	Cytology and Molecular Cytogenetics of <i>Cucumeropsis mannii</i> Naudin: Implications for Breeding and Germplasm Characterization. <i>International Journal of Botany</i> , 2006 , 2, 187-192	0.3	5
197	Diversity of a major repetitive DNA sequence in diploid and polyploid Triticeae. <i>Cytogenetic and Genome Research</i> , 2005 , 109, 34-42	1.9	76
196	Characterisation of pararetrovirus-like sequences in the genome of potato (<i>Solanum tuberosum</i>). <i>Cytogenetic and Genome Research</i> , 2005 , 110, 559-65	1.9	32
195	Phylogenetic relationships and the primitive X chromosome inferred from chromosomal and satellite DNA analysis in Bovidae. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005 , 272, 2009-414	4.4	19
194	Genome discrimination and chromosome pairing in the <i>Hordeum chilense</i> [<i>Aegilops tauschii</i> amphiploid. <i>Euphytica</i> , 2005 , 144, 85-89	2.1	3
193	Genome classification of banana cultivars from South India using IRAP markers. <i>Euphytica</i> , 2005 , 144, 285-290	2.1	46
192	The genomic organization of retrotransposons in <i>Brassica oleracea</i> . <i>Plant Molecular Biology</i> , 2005 , 59, 839-51	4.6	36
191	Stochastic noise and synchronisation during <i>Dictyostelium</i> aggregation make cAMP oscillations robust. <i>PLoS Computational Biology</i> , 2005 , preprint, e218	5	
190	Sequences and Phylogenies of Plant Pararetroviruses, Viruses, and Transposable Elements. <i>Advances in Botanical Research</i> , 2004 , 165-193	2.2	27
189	The barley Genome and its Relationship with the Wheat Genomes. A Survey with an Internationally Agreed Recommendation for Barley Chromosome Nomenclature. <i>Hereditas</i> , 2004 , 126, 1-16	2.4	84
188	The genomic organization and evolutionary distribution of a tandemly repeated DNA sequence family in the genus <i>Crocus</i> (Iridaceae). <i>Hereditas</i> , 2004 , 141, 81-8	2.4	12
187	Diverse patterns of the tandem repeats organization in rye chromosomes. <i>Chromosoma</i> , 2004 , 113, 42-52.8	5.8	47
186	The diversity of retroelements in diploid and allotetraploid <i>Brassica</i> species. <i>Plant Molecular Biology</i> , 2004 , 54, 895-909	4.6	41
185	High levels of genetic diversity throughout the range of the Portuguese wheat landrace 'Barbela'. <i>Annals of Botany</i> , 2004 , 94, 699-705	4.1	30
184	FISHing Repeated DNA Sequences in Beta Genomes 2004 , 249-265		
183	Tandemly repeated DNA sequences and centromeric chromosomal regions of <i>Arabidopsis</i> species. <i>Chromosome Research</i> , 2003 , 11, 241-53	4.4	60

182	Retroelements, transposons and methylation status in the genome of oil palm (<i>Elaeis guineensis</i>) and the relationship to somaclonal variation. <i>Plant Molecular Biology</i> , 2003 , 52, 69-79	4.6	67
181	Complex satellite DNA reshuffling in the polymorphic t(1;29) Robertsonian translocation and evolutionarily derived chromosomes in cattle. <i>Chromosome Research</i> , 2003 , 11, 641-8	4.4	31
180	Molecular cytogenetic analysis and centromeric satellite organization of a novel 8;11 translocation in sheep: a possible intermediate in biarmed chromosome evolution. <i>Mammalian Genome</i> , 2003 , 14, 706-7	3.0	13
179	Planning for remodelling: nuclear architecture, chromatin and chromosomes. <i>Trends in Plant Science</i> , 2003 , 8, 195-7	13.1	16
178	Detection of multiple fluorescent labels using superconducting tunnel junction detectors. <i>Review of Scientific Instruments</i> , 2003 , 74, 4140-4144	1.7	18
177	CROP IMPROVEMENT Plant Genomes 2003 , 130-133		
176	LINEs and gypsy-like retrotransposons in <i>Hordeum</i> species. <i>Plant Molecular Biology</i> , 2002 , 49, 1-14	4.6	35
175	Molecular cytogenetic analysis of <i>Podocarpus</i> and comparison with other gymnosperm species. <i>Annals of Botany</i> , 2002 , 89, 483-9	4.1	43
174	In situ hybridization and chromosome banding in mammalian species. <i>Cytogenetic and Genome Research</i> , 2002 , 96, 113-6	1.9	29
173	Exploiting novel germplasm. <i>Australian Journal of Agricultural Research</i> , 2002 , 53, 873		10
172	Different patterns in molecular evolution of the Triticeae. <i>Hereditas</i> , 2001 , 135, 153-60	2.4	10
171	Darlington, Cyril Dean 2001 , 512-513		
170	Polyploidy 2001 , 1509-1511		1
169	Diversity, origin, and distribution of retrotransposons (gypsy and copia) in conifers. <i>Molecular Biology and Evolution</i> , 2001 , 18, 1176-88	8.3	111
168	Introgression of rye chromatin on chromosome 2D in the Portuguese wheat landrace 'Barbela'. <i>Genome</i> , 2001 , 44, 1122-1128	2.4	28
167	Introgression of rye chromatin on chromosome 2D in the Portuguese wheat landrace 'Barbela'. <i>Genome</i> , 2001 , 44, 1122-8	2.4	6
166	Chromosome Structural Analysis A Practical Guide. <i>Heredity</i> , 2000 , 84, 391-392	3.6	
165	Centromeric heterochromatin in the cattle rob(1;29) translocation: alpha-satellite I sequences, in-situ <i>MspI</i> digestion patterns, chromomycin staining and C-bands. <i>Chromosome Research</i> , 2000 , 8, 621-6	4.4	16

164	The distribution, organization and evolution of two abundant and widespread repetitive DNA sequences in the genus <i>Hordeum</i> . <i>Theoretical and Applied Genetics</i> , 2000 , 100, 169-176	6	61
163	The contribution of short repeats of low sequence complexity to large conifer genomes. <i>Theoretical and Applied Genetics</i> , 2000 , 101, 7-14	6	55
162	Comparative Genome Organization in Plants: From Sequence and Markers to Chromatin and Chromosomes. <i>Plant Cell</i> , 2000 , 12, 617	11.6	4
161	Repetitive DNA sequences in <i>Crocus vernus</i> Hill (Iridaceae): the genomic organization and distribution of dispersed elements in the genus <i>Crocus</i> and its allies. <i>Genome</i> , 2000 , 43, 902-9	2.4	20
160	Comparative genome organization in plants: from sequence and markers to chromatin and chromosomes. <i>Plant Cell</i> , 2000 , 12, 617-36	11.6	266
159	The species and chromosomal distribution of the centromeric alpha-satellite I sequence from sheep in the tribe Caprini and other Bovidae. <i>Cytogenetic and Genome Research</i> , 2000 , 91, 62-6	1.9	31
158	Repetitive DNA and the Chromosomes in the Genome of Oil Palm (<i>Elaeis guineensis</i>). <i>Annals of Botany</i> , 2000 , 85, 837-844	4.1	19
157	Chromosomal Variation in <i>Crocus vernus</i> Hill (Iridaceae) Investigated by in situ Hybridization of rDNA and a Tandemly Repeated Sequence. <i>Annals of Botany</i> , 2000 , 86, 317-322	4.1	27
156	Repetitive DNA, Genome and Species Relationships in <i>Avena</i> and <i>Arrhenatherum</i> (Poaceae). <i>Annals of Botany</i> , 2000 , 86, 1135-1142	4.1	26
155	RNA, genes, genomes and chromosomes: repetitive DNA sequences in plants 2000 , 45-56		9
154	Polymorphisms and Genomic Organization of Repetitive DNA from Centromeric Regions of <i>Arabidopsis</i> Chromosomes. <i>Plant Cell</i> , 1999 , 11, 31	11.6	1
153	Polymorphisms and genomic organization of repetitive DNA from centromeric regions of <i>Arabidopsis</i> chromosomes. <i>Plant Cell</i> , 1999 , 11, 31-42	11.6	116
152	Aspects of the Cell Biology of Pollination and Wide Hybridization 1999 , 139-144		2
151	Integration of banana streak badnavirus into the <i>Musa</i> genome: molecular and cytogenetic evidence. <i>Virology</i> , 1999 , 255, 207-13	3.6	172
150	Rye chromosome variability in wheat-rye addition and substitution lines. <i>Chromosome Research</i> , 1999 , 7, 205-12	4.4	67
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