

Martin A Lysak

List of Publications by Year in descending order

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126
papers

10,919
citations

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docs citations

138
times ranked

8266
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The Origin, Evolution and Proposed Stabilization of the Terms 'Genome Size' and 'C-Value' to Describe Nuclear DNA Contents. <i>Annals of Botany</i> , 2005, 95, 255-260. | 2.9 | 622 |
| 2 | Chromosome triplication found across the tribe <i>Brassicaceae</i> . <i>Genome Research</i> , 2005, 15, 516-525. | 5.5 | 598 |
| 3 | The ABC's of comparative genomics in the Brassicaceae: building blocks of crucifer genomes. <i>Trends in Plant Science</i> , 2006, 11, 535-542. | 8.8 | 535 |
| 4 | Interphase chromosomes in <i>Arabidopsis</i> are organized as well defined chromocenters from which euchromatin loops emanate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14584-14589. | 7.1 | 429 |
| 5 | The <i>Capsella rubella</i> genome and the genomic consequences of rapid mating system evolution. <i>Nature Genetics</i> , 2013, 45, 831-835. | 21.4 | 374 |
| 6 | Massive genomic variation and strong selection in <i>Arabidopsis thaliana</i> lines from Sweden. <i>Nature Genetics</i> , 2013, 45, 884-890. | 21.4 | 371 |
| 7 | Mechanisms of chromosome number reduction in <i>Arabidopsis thaliana</i> and related Brassicaceae species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5224-5229. | 7.1 | 360 |
| 8 | An atlas of over 90,000 conserved noncoding sequences provides insight into crucifer regulatory regions. <i>Nature Genetics</i> , 2013, 45, 891-898. | 21.4 | 350 |
| 9 | Cabbage family affairs: the evolutionary history of Brassicaceae. <i>Trends in Plant Science</i> , 2011, 16, 108-116. | 8.8 | 341 |
| 10 | Deciphering the Diploid Ancestral Genome of the Mesohexaploid <i>Brassica rapa</i> . <i>Plant Cell</i> , 2013, 25, 1541-1554. | 6.6 | 309 |
| 11 | Plant Genome Size Estimation by Flow Cytometry: Inter-laboratory Comparison*1. <i>Annals of Botany</i> , 1998, 82, 17-26. | 2.9 | 266 |
| 12 | Interpretation of karyotype evolution should consider chromosome structural constraints. <i>Trends in Genetics</i> , 2011, 27, 207-216. | 6.7 | 252 |
| 13 | Chromosomal Phylogeny and Karyotype Evolution in $x=7$ Crucifer Species (Brassicaceae). <i>Plant Cell</i> , 2008, 20, 2559-2570. | 6.6 | 213 |
| 14 | Chromosome territory arrangement and homologous pairing in nuclei of <i>Arabidopsis thaliana</i> are predominantly random except for NOR-bearing chromosomes. <i>Chromosoma</i> , 2004, 113, 258-269. | 2.2 | 206 |
| 15 | A Time-Calibrated Road Map of Brassicaceae Species Radiation and Evolutionary History. <i>Plant Cell</i> , 2015, 27, tpc.15.00482. | 6.6 | 200 |
| 16 | Flow Sorting of Mitotic Chromosomes in Common Wheat (<i>Triticum aestivum</i> L.). <i>Genetics</i> , 2000, 156, 2033-2041. | 2.9 | 200 |
| 17 | The genetic and epigenetic landscape of the <i>Arabidopsis</i> centromeres. <i>Science</i> , 2021, 374, eabi7489. | 12.6 | 188 |
| 18 | Post-polyploid diploidization and diversification through dysploid changes. <i>Current Opinion in Plant Biology</i> , 2018, 42, 55-65. | 7.1 | 171 |

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|----|---|-----|-----------|
| 19 | Fast Diploidization in Close Mesopolyploid Relatives of <i>Arabidopsis</i> . <i>Plant Cell</i> , 2010, 22, 2277-2290. | 6.6 | 168 |
| 20 | Ancestral Chromosomal Blocks Are Triplicated in Brassicaceae Species with Varying Chromosome Number and Genome Size. <i>Plant Physiology</i> , 2007, 145, 402-410. | 4.8 | 165 |
| 21 | Estimation of nuclear DNA content in <i>Sesleria</i> (Poaceae). <i>Caryologia</i> , 1998, 51, 123-132. | 0.3 | 159 |
| 22 | The Dynamic Ups and Downs of Genome Size Evolution in Brassicaceae. <i>Molecular Biology and Evolution</i> , 2008, 26, 85-98. | 8.9 | 158 |
| 23 | Chromosome painting in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2001, 28, 689-697. | 5.7 | 156 |
| 24 | Genome expansion of <i>Arabis alpina</i> linked with retrotransposition and reduced symmetric DNA methylation. <i>Nature Plants</i> , 2015, 1, 14023. | 9.3 | 156 |
| 25 | Supernetwork Identifies Multiple Events of Plastid trnF(GAA) Pseudogene Evolution in the Brassicaceae. <i>Molecular Biology and Evolution</i> , 2007, 24, 63-73. | 8.9 | 124 |
| 26 | Analysis of the giant genomes of <i>Fritillaria</i> (<i>Liliaceae</i>) indicates that a lack of DNA removal characterizes extreme expansions in genome size. <i>New Phytologist</i> , 2015, 208, 596-607. | 7.3 | 122 |
| 27 | The <i>Aquilegia</i> genome provides insight into adaptive radiation and reveals an extraordinarily polymorphic chromosome with a unique history. <i>ELife</i> , 2018, 7, . | 6.0 | 120 |
| 28 | BrassiBase: Introduction to a Novel Knowledge Database on Brassicaceae Evolution. <i>Plant and Cell Physiology</i> , 2014, 55, e3-e3. | 3.1 | 117 |
| 29 | Catastrophic chromosomal restructuring during genome elimination in plants. <i>ELife</i> , 2015, 4, . | 6.0 | 104 |
| 30 | Diverse genome organization following 13 independent mesopolyploid events in Brassicaceae contrasts with convergent patterns of gene retention. <i>Plant Journal</i> , 2017, 91, 3-21. | 5.7 | 95 |
| 31 | Young inversion with multiple linked QTLs under selection in a hybrid zone. <i>Nature Ecology and Evolution</i> , 2017, 1, 119. | 7.8 | 94 |
| 32 | Flow cytometric analysis of nuclear DNA content in <i>Musa</i> . <i>Theoretical and Applied Genetics</i> , 1999, 98, 1344-1350. | 3.6 | 92 |
| 33 | Recent progress in chromosome painting of <i>Arabidopsis</i> and related species. <i>Chromosome Research</i> , 2003, 11, 195-204. | 2.2 | 92 |
| 34 | The More the Merrier: Recent Hybridization and Polyploidy in <i>Cardamine</i> . <i>Plant Cell</i> , 2013, 25, 3280-3295. | 6.6 | 88 |
| 35 | Development and Characterization of Microsatellite Markers from Chromosome 1-Specific DNA Libraries of <i>Vicia Faba</i> . <i>Biologia Plantarum</i> , 2002, 45, 337-345. | 1.9 | 87 |
| 36 | Comparative paleogenomics of crucifers: ancestral genomic blocks revisited. <i>Current Opinion in Plant Biology</i> , 2016, 30, 108-115. | 7.1 | 84 |

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|----|---|-----|-----------|
| 37 | Flow karyotyping and sorting of mitotic chromosomes of barley (<i>Hordeum vulgare</i> L.). <i>Chromosome Research</i> , 1999, 7, 431-444. | 2.2 | 83 |
| 38 | Punctuated genome size evolution in Liliaceae. <i>Journal of Evolutionary Biology</i> , 2007, 20, 2296-2308. | 1.7 | 82 |
| 39 | FISH analysis of meiosis in <i>Arabidopsis</i> allopolyploids. <i>Chromosome Research</i> , 2003, 11, 217-226. | 2.2 | 81 |
| 40 | Heterogeneity of rDNA distribution and genome size in <i>Silene</i> spp. <i>Chromosome Research</i> , 2001, 9, 387-393. | 2.2 | 78 |
| 41 | Diverse retrotransposon families and an AT-rich satellite DNA revealed in giant genomes of <i>Fritillaria</i> lilies. <i>Annals of Botany</i> , 2011, 107, 255-268. | 2.9 | 78 |
| 42 | <i>Cardamine hirsuta</i> : a versatile genetic system for comparative studies. <i>Plant Journal</i> , 2014, 78, 1-15. | 5.7 | 78 |
| 43 | Preparation of HMW DNA from Plant Nuclei and Chromosomes Isolated from Root Tips. <i>Biologia Plantarum</i> , 2003, 46, 369-373. | 1.9 | 67 |
| 44 | The widespread crucifer species <i>Cardamine flexuosa</i> is an allotetraploid with a conserved subgenomic structure. <i>New Phytologist</i> , 2014, 201, 982-992. | 7.3 | 67 |
| 45 | Gradual evolution of allopolyploidy in <i>Arabidopsis suecica</i> . <i>Nature Ecology and Evolution</i> , 2021, 5, 1367-1381. | 7.8 | 64 |
| 46 | Variation in DNA ploidy Levels of Reynoutria Taxa in the Czech Republic. <i>Annals of Botany</i> , 2003, 92, 265-272. | 2.9 | 63 |
| 47 | Nuclear γ -Tubulin during Acentriolar Plant Mitosis. <i>Plant Cell</i> , 2000, 12, 433-442. | 6.6 | 62 |
| 48 | Chromosome arrangement and nuclear architecture but not centromeric sequences are conserved between <i>Arabidopsis thaliana</i> and <i>Arabidopsis lyrata</i> . <i>Plant Journal</i> , 2006, 48, 771-783. | 5.7 | 61 |
| 49 | Origin and Evolution of Diploid and Allopolyploid <i>Camelina</i> Genomes was Accompanied by Chromosome Shattering. <i>Plant Cell</i> , 2019, 31, tpc.00366.2019. | 6.6 | 61 |
| 50 | Limited Genome Size Variation in <i>Sesleria albicans</i> . <i>Annals of Botany</i> , 2000, 86, 399-403. | 2.9 | 57 |
| 51 | Towards the era of comparative evolutionary genomics in Brassicaceae. <i>Plant Systematics and Evolution</i> , 2006, 259, 175-198. | 0.9 | 55 |
| 52 | Analysis of Plant Meiotic Chromosomes by Chromosome Painting. <i>Methods in Molecular Biology</i> , 2013, 990, 13-24. | 0.9 | 55 |
| 53 | Chromosome Preparation for Cytogenetic Analyses in <i>Arabidopsis</i> . <i>Current Protocols in Plant Biology</i> , 2016, 1, 43-51. | 2.8 | 54 |
| 54 | Cytogenetic Analyses of <i>Arabidopsis</i> . , 2006, 323, 173-186. | | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Island species radiation and karyotypic stasis in <i>Pachycladon</i> allopolyploids. <i>BMC Evolutionary Biology</i> , 2010, 10, 367. | 3.2 | 52 |
| 56 | Genome Structure of the Heavy Metal Hyperaccumulator <i>Noccaea caerulescens</i> and Its Stability on Metalliferous and Nonmetalliferous Soils. <i>Plant Physiology</i> , 2015, 169, 674-689. | 4.8 | 51 |
| 57 | Repeated Whole-Genome Duplication, Karyotype Reshuffling, and Biased Retention of Stress-Responding Genes in Buckler Mustard. <i>Plant Cell</i> , 2016, 28, 17-27. | 6.6 | 49 |
| 58 | Multiple hybridization events in Cardamine (Brassicaceae) during the last 150 years: revisiting a textbook example of neoallopolyploidy. <i>Annals of Botany</i> , 2014, 113, 817-830. | 2.9 | 46 |
| 59 | Painting of Arabidopsis Chromosomes with Chromosome-Specific BAC Clones. <i>Current Protocols in Plant Biology</i> , 2016, 1, 359-371. | 2.8 | 46 |
| 60 | When fathers are instant losers: homogenization of rDNA loci in recently formed Cardamine <i>Ä</i> Äschulzii trigonemic allopolyploid. <i>New Phytologist</i> , 2014, 203, 1096-1108. | 7.3 | 45 |
| 61 | Multispeed genome diploidization and diversification after an ancient allopolyploidization. <i>Molecular Ecology</i> , 2017, 26, 6445-6462. | 3.9 | 44 |
| 62 | Unstable Inheritance of 45S rRNA Genes in <i>Arabidopsis thaliana</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1201-1209. | 1.8 | 43 |
| 63 | Chromosomal localization of rDNA in the Brassicaceae. <i>Genome</i> , 2005, 48, 341-346. | 2.0 | 42 |
| 64 | Karyotype evolution in apomictic <i>Boechera</i> and the origin of the aberrant chromosomes. <i>Plant Journal</i> , 2015, 82, 785-793. | 5.7 | 42 |
| 65 | How diploidization turned a tetraploid into a pseudotriploid. <i>American Journal of Botany</i> , 2016, 103, 1187-1196. | 1.7 | 41 |
| 66 | Isolation of chromosomes from <i>Pisum sativum</i> L. hairy root cultures and their analysis by flow cytometry. <i>Plant Science</i> , 1998, 137, 205-215. | 3.6 | 40 |
| 67 | The Evolution of Chromosome Numbers: Mechanistic Models and Experimental Approaches. <i>Genome Biology and Evolution</i> , 2021, 13, . | 2.5 | 38 |
| 68 | Mechanisms of Chromosome Rearrangements. , 2013, , 137-147. | | 36 |
| 69 | Epistatic and allelic interactions control expression of ribosomal RNA gene clusters in <i>Arabidopsis thaliana</i> . <i>Genome Biology</i> , 2017, 18, 75. | 8.8 | 36 |
| 70 | The story of promiscuous crucifers: origin and genome evolution of an invasive species, <i>Cardamine occulta</i> (Brassicaceae), and its relatives. <i>Annals of Botany</i> , 2019, 124, 209-220. | 2.9 | 36 |
| 71 | Monophyletic Origin and Evolution of the Largest Crucifer Genomes. <i>Plant Physiology</i> , 2017, 174, 2062-2071. | 4.8 | 34 |
| 72 | Chromatin features of plant telomeric sequences at terminal vs. internal positions. <i>Frontiers in Plant Science</i> , 2014, 5, 593. | 3.6 | 33 |

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|----|--|-----|-----------|
| 73 | Live and let die: centromere loss during evolution of plant chromosomes. <i>New Phytologist</i> , 2014, 203, 1082-1089. | 7.3 | 32 |
| 74 | Genome Evolution in Arabideae Was Marked by Frequent Centromere Repositioning. <i>Plant Cell</i> , 2020, 32, 650-665. | 6.6 | 32 |
| 75 | Rapid identification and determination of purity of flow-sorted plant chromosomes using C-PRINS. <i>Cytometry</i> , 2000, 41, 102-108. | 1.8 | 31 |
| 76 | Genomic in situ hybridization in plants with small genomes is feasible and elucidates the chromosomal parentage in interspecific <i>Arabidopsis</i> hybrids. <i>Genome</i> , 2004, 47, 954-960. | 2.0 | 31 |
| 77 | Phylogeny, Genome, and Karyotype Evolution of Crucifers (Brassicaceae). , 2011, , 1-31. | | 31 |
| 78 | A taxonomic study of the <i>Vaccinium</i> sect. <i>Oxycoccus</i> (Hill) W.D.J. Kock (Ericaceae) in the Czech Republic and adjacent territories. <i>Folia Geobotanica</i> , 2001, 36, 303-320. | 0.9 | 30 |
| 79 | Nuclear DNA Content Variation among Central European Koeleria Taxa. <i>Annals of Botany</i> , 2006, 98, 117-122. | 2.9 | 30 |
| 80 | A bicontinental origin of polyploid Australian/New Zealand <i>Lepidium</i> species (Brassicaceae)? Evidence from genomic in situ hybridization. <i>Annals of Botany</i> , 2009, 104, 681-688. | 2.9 | 29 |
| 81 | Whole-genome triplication and species radiation in the southern African tribe Heliophilleae (Brassicaceae). <i>Taxon</i> , 2012, 61, 989-1000. | 0.7 | 29 |
| 82 | Localisation of DNA sequences on plant chromosomes using PRINS and C-PRINS. <i>Cytotechnology</i> , 2001, 23, 71-82. | 0.7 | 26 |
| 83 | The large genome size variation in the Hesperis clade was shaped by the prevalent proliferation of DNA repeats and rarer genome downsizing. <i>Annals of Botany</i> , 2019, 124, 103-120. | 2.9 | 26 |
| 84 | <i>Camelina neglecta</i> (Brassicaceae, Camelinaeae), a new diploid species from Europe. <i>PhytoKeys</i> , 2019, 115, 51-57. | 1.0 | 22 |
| 85 | The best of both worlds: Combining lineage-specific and universal bait sets in target-enrichment hybridization reactions. <i>Applications in Plant Sciences</i> , 2021, 9, . | 2.1 | 22 |
| 86 | Genome evolution of the psammophyte <i>Pugionium</i> for desert adaptation and further speciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 22 |
| 87 | Hybridization-facilitated genome merger and repeated chromosome fusion after 8 million years. <i>Plant Journal</i> , 2018, 96, 748-760. | 5.7 | 21 |
| 88 | Linked by Ancestral Bonds: Multiple Whole-Genome Duplications and Reticulate Evolution in a Brassicaceae Tribe. <i>Molecular Biology and Evolution</i> , 2021, 38, 1695-1714. | 8.9 | 21 |
| 89 | Reciprocal and Multi-Species Chromosome BAC Painting in Crucifers (Brassicaceae). <i>Cytogenetic and Genome Research</i> , 2010, 129, 184-189. | 1.1 | 20 |
| 90 | Molecular phylogeny and systematics of the tribe Chorisporaeae (Brassicaceae). <i>Plant Systematics and Evolution</i> , 2011, 294, 65-86. | 0.9 | 20 |

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|-----|--|-----|-----------|
| 91 | Sorting of plant chromosomes. <i>Methods in Cell Biology</i> , 2001, 64, 3-31. | 1.1 | 18 |
| 92 | So Closely Related and Yet So Different: Strong Contrasts Between the Evolutionary Histories of Species of the <i>Cardamine pratensis</i> Polyploid Complex in Central Europe. <i>Frontiers in Plant Science</i> , 2020, 11, 588856. | 3.6 | 18 |
| 93 | Allele Sorting as a Novel Approach to Resolving the Origin of Allotetraploids Using Hyb-Seq Data: A Case Study of the Balkan Mountain Endemic <i>Cardamine barbaraeoides</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 659275. | 3.6 | 17 |
| 94 | Phylogeny and systematics of the tribe Thlaspeidae (Brassicaceae) and the recognition of two new genera. <i>Taxon</i> , 2018, 67, 324-340. | 0.7 | 16 |
| 95 | Nuclear organization in crucifer genomes: nucleolus-associated telomere clustering is not a universal interphase configuration in Brassicaceae. <i>Plant Journal</i> , 2021, 108, 528-540. | 5.7 | 15 |
| 96 | The genome of <i>Draba nivalis</i> shows signatures of adaptation to the extreme environmental stresses of the Arctic. <i>Molecular Ecology Resources</i> , 2021, 21, 661-676. | 4.8 | 14 |
| 97 | Chloroplast phylogenomics in <i>Camelina</i> (Brassicaceae) reveals multiple origins of polyploid species and the maternal lineage of <i>C. sativa</i> . <i>Horticulture Research</i> , 2022, 9, . | 6.3 | 14 |
| 98 | Karyo-taxonomic study of the genus <i>Pseudolysimachion</i> (Scrophulariaceae) in the Czech Republic and Slovakia. <i>Folia Geobotanica</i> , 2004, 39, 173-203. | 0.9 | 13 |
| 99 | Phylogenetic analyses of ITS and <i>rbcL</i> DNA sequences for sixteen genera of Australian and New Zealand Brassicaceae result in the expansion of the tribe Microlepidieae. <i>Taxon</i> , 2012, 61, 970-979. | 0.7 | 13 |
| 100 | Current status of the multinational <i>Arabidopsis</i> community. <i>Plant Direct</i> , 2020, 4, e00248. | 1.9 | 13 |
| 101 | Evolution of Tandem Repeats Is Mirroring Post-polyploid Cladogenesis in <i>Heliophila</i> (Brassicaceae). <i>Frontiers in Plant Science</i> , 2020, 11, 607893. | 3.6 | 13 |
| 102 | Morphometric and karyological analysis of a population of <i>Sesleria sadleriana</i> Janka in the Biele Karpaty Mountains (Slovakia). <i>Folia Geobotanica</i> , 1997, 32, 47-55. | 0.9 | 12 |
| 103 | Brassicales: an update on chromosomal evolution and ancient polyploidy. <i>Plant Systematics and Evolution</i> , 2018, 304, 757-762. | 0.9 | 12 |
| 104 | Genomic Blocks in <i>Aethionema arabicum</i> Support Arabideae as Next Diverging Clade in Brassicaceae. <i>Frontiers in Plant Science</i> , 2020, 11, 719. | 3.6 | 12 |
| 105 | Chromosomal Evolution and Apomixis in the Cruciferous Tribe Boechereae. <i>Frontiers in Plant Science</i> , 2020, 11, 514. | 3.6 | 10 |
| 106 | chromDraw: an R package for visualization of linear and circular karyotypes. <i>Chromosome Research</i> , 2016, 24, 217-223. | 2.2 | 7 |
| 107 | Healthy Roots and Leaves: Comparative Genome Structure of Horseradish and Watercress. <i>Plant Physiology</i> , 2019, 179, 66-73. | 4.8 | 7 |
| 108 | The chromosome-level genome sequence and karyotypic evolution of <i>Megadenia pygmaea</i> (Brassicaceae). <i>Molecular Ecology Resources</i> , 2021, 21, 871-879. | 4.8 | 7 |

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|-----|--|-----|-----------|
| 109 | Genome structure and apomixis in <i>Phoenicaulis</i> (Brassicaceae; Boechereae). <i>Journal of Systematics and Evolution</i> , 2021, 59, 83-92. | 3.1 | 7 |
| 110 | Comparative Cytogenetics of Wild Crucifers (Brassicaceae). , 2009, , 177-205. | | 7 |
| 111 | Celebrating Mendel, McClintock, and Darlington: On end-to-end chromosome fusions and nested chromosome fusions. <i>Plant Cell</i> , 2022, 34, 2475-2491. | 6.6 | 7 |
| 112 | Recurrent Plant-Specific Duplications of KNL2 and its Conserved Function as a Kinetochore Assembly Factor. <i>Molecular Biology and Evolution</i> , 2022, 39, . | 8.9 | 7 |
| 113 | Ancient Biosyntheses in an Oil Crop: Glucosinolate Profiles in <i>Limnanthes alba</i> and Its Relatives (Limnanthaceae, Brassicales). <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1134-1147. | 5.2 | 5 |
| 114 | Cytogenetics, a Science Linking Genomics and Breeding: The Brassica Model. <i>Compendium of Plant Genomes</i> , 2018, , 21-39. | 0.5 | 4 |
| 115 | Icelandic accession of <i>Arabidopsis thaliana</i> confirmed with cytogenetic markers and its origin inferred from whole-genome sequencing. <i>Icelandic Agricultural Sciences</i> , 0, 30, 29-38. | 0.0 | 4 |
| 116 | A taxonomic Revision of the genus <i>Graellsia</i> (Brassicaceae, tribe Thlaspeidae). <i>Phytotaxa</i> , 2017, 313, 105. | 0.3 | 3 |
| 117 | A taxonomic revision of the genus <i>Pseudocamelina</i> (Brassicaceae, tribe Thlaspeidae). <i>Phytotaxa</i> , 2017, 313, 117. | 0.3 | 3 |
| 118 | Genome invasion by a hypomethylated satellite repeat in Australian crucifer <i>Ballantinia antipoda</i> . <i>Plant Journal</i> , 2019, 99, 1066-1079. | 5.7 | 3 |
| 119 | Genome structure and evolution in the cruciferous tribe Thlaspeidae (Brassicaceae). <i>Plant Journal</i> , 2021, , . | 5.7 | 3 |
| 120 | Intact ribosomal DNA arrays of <i>Potentilla</i> origin detected in <i>Erythronium</i> nucleus suggest recent eudicot-to-monocot horizontal transfer. <i>New Phytologist</i> , 2022, 235, 1246-1259. | 7.3 | 3 |
| 121 | Evolution of an Apomixis-Specific Allele Class in Supernumerary Chromatin of Apomictic <i>Boechera</i> . <i>Frontiers in Plant Science</i> , 2022, 13, . | 3.6 | 3 |
| 122 | Genome diploidization associates with cladogenesis, trait disparity, and plastid gene evolution. <i>Plant Physiology</i> , 2022, 190, 403-420. | 4.8 | 3 |
| 123 | Genomes, repeatomes and interphase chromosome organization in the meadowfoam family (Limnanthaceae, Brassicales). <i>Plant Journal</i> , 2022, 110, 1462-1475. | 5.7 | 2 |
| 124 | From transposon to chromosome and polyploidy. An update on cytogenetics and genomics of <i>Arabidopsis</i> . <i>Chromosome Research</i> , 2014, 22, 99-101. | 2.2 | 1 |
| 125 | Transfer of two <i>Arabidella</i> and two <i>Cuphonotus</i> species to the genus <i>Lemphoria</i> (Brassicaceae) and a description of the new species <i>L. queenslandica</i> . <i>Phytotaxa</i> , 2022, 549, 235-240. | 0.3 | 1 |
| 126 | The evolutionary history of <i>Cardamine bulbifera</i> shows a successful rapid postglacial Eurasian range expansion in the absence of sexual reproduction. <i>Annals of Botany</i> , 2022, 130, 245-263. | 2.9 | 1 |