

Paul H Moore

List of Publications by Year in descending order

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46
papers

4,989
citations

172457

29
h-index

265206

42
g-index

57
all docs

57
docs citations

57
times ranked

4989
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The draft genome of the transgenic tropical fruit tree papaya (<i>Carica papaya</i> Linnaeus). <i>Nature</i> , 2008, 452, 991-996. | 27.8 | 964 |
| 2 | The pineapple genome and the evolution of CAM photosynthesis. <i>Nature Genetics</i> , 2015, 47, 1435-1442. | 21.4 | 472 |
| 3 | Allele-defined genome of the autopolyploid sugarcane <i>Saccharum spontaneum</i> L.. <i>Nature Genetics</i> , 2018, 50, 1565-1573. | 21.4 | 463 |
| 4 | Sugarcane for bioenergy production: an assessment of yield and regulation of sucrose content. <i>Plant Biotechnology Journal</i> , 2010, 8, 263-276. | 8.3 | 360 |
| 5 | A primitive Y chromosome in papaya marks incipient sex chromosome evolution. <i>Nature</i> , 2004, 427, 348-352. | 27.8 | 351 |
| 6 | Sequencing papaya X and Y chromosomes reveals molecular basis of incipient sex chromosome evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13710-13715. | 7.1 | 264 |
| 7 | QTL Analysis in a Complex Autopolyploid: Genetic Control of Sugar Content in Sugarcane. <i>Genome Research</i> , 2001, 11, 2075-2084. | 5.5 | 138 |
| 8 | High-Density Linkage Mapping Revealed Suppression of Recombination at the Sex Determination Locus in Papaya. <i>Genetics</i> , 2004, 166, 419-436. | 2.9 | 132 |
| 9 | Sex determination in papaya. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 401-408. | 5.0 | 124 |
| 10 | Sex chromosomes in flowering plants. <i>American Journal of Botany</i> , 2007, 94, 141-150. | 1.7 | 111 |
| 11 | Quantitative chromosome map of the polyploid <i>Saccharum spontaneum</i> by multicolor fluorescence in situ hybridization and imaging methods. <i>Plant Molecular Biology</i> , 1999, 39, 1165-1173. | 3.9 | 97 |
| 12 | Cloning of the Papaya Chromoplast-Specific Lycopene β -Cyclase, <i>CpCYC-b</i> , Controlling Fruit Flesh Color Reveals Conserved Microsynteny and a Recombination Hot Spot. <i>Plant Physiology</i> , 2010, 152, 2013-2022. | 4.8 | 90 |
| 13 | Origin and domestication of papaya Y chromosome. <i>Genome Research</i> , 2015, 25, 524-533. | 5.5 | 87 |
| 14 | A physical map of the papaya genome with integrated genetic map and genome sequence. <i>BMC Genomics</i> , 2009, 10, 371. | 2.8 | 81 |
| 15 | Low X/Y divergence in four pairs of papaya sex-linked genes. <i>Plant Journal</i> , 2008, 53, 124-132. | 5.7 | 78 |
| 16 | Construction of a Sequence-Tagged High-Density Genetic Map of Papaya for Comparative Structural and Evolutionary Genomics in Brassicales. <i>Genetics</i> , 2007, 177, 2481-2491. | 2.9 | 73 |
| 17 | Chromosomal location and gene paucity of the male specific region on papaya Y chromosome. <i>Molecular Genetics and Genomics</i> , 2007, 278, 177-185. | 2.1 | 73 |
| 18 | Comparative analysis of QTLs affecting plant height and flowering among closely-related diploid and polyploid genomes. <i>Genome</i> , 2002, 45, 794-803. | 2.0 | 64 |

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|----|---|------|-----------|
| 19 | Genomics of sex chromosomes. <i>Current Opinion in Plant Biology</i> , 2007, 10, 123-130. | 7.1 | 64 |
| 20 | Recent Origin of Dioecious and Gynodioecious Y Chromosomes in Papaya. <i>Tropical Plant Biology</i> , 2008, 1, 49-57. | 1.9 | 62 |
| 21 | Analysis of papaya BAC end sequences reveals first insights into the organization of a fruit tree genome. <i>Molecular Genetics and Genomics</i> , 2006, 276, 1-12. | 2.1 | 61 |
| 22 | Developmental Changes in Cell and Tissue Water Relations Parameters in Storage Parenchyma of Sugarcane. <i>Plant Physiology</i> , 1991, 96, 794-801. | 4.8 | 54 |
| 23 | Integration of sucrose accumulation processes across hierarchical scales: towards developing an understanding of the gene-to-crop continuum. <i>Field Crops Research</i> , 2005, 92, 119-135. | 5.1 | 54 |
| 24 | Rapid divergence and expansion of the X chromosome in papaya. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13716-13721. | 7.1 | 52 |
| 25 | Development and application of microsatellite markers for genomic analysis of papaya. <i>Tree Genetics and Genomes</i> , 2008, 4, 333-341. | 1.6 | 45 |
| 26 | Genetic mapping of quantitative trait loci controlling fruit size and shape in papaya. <i>Molecular Breeding</i> , 2012, 29, 457-466. | 2.1 | 40 |
| 27 | The Gene Pool of Saccharum Species and Their Improvement. , 2013, , 43-71. | | 40 |
| 28 | Construction of physical maps for the sex-specific regions of papaya sex chromosomes. <i>BMC Genomics</i> , 2012, 13, 176. | 2.8 | 39 |
| 29 | Tissue differential expression of lycopene β -cyclase gene in papaya. <i>Cell Research</i> , 2006, 16, 731-739. | 12.0 | 37 |
| 30 | Genome-Wide Comparative Analyses of Microsatellites in Papaya. <i>Tropical Plant Biology</i> , 2008, 1, 278-292. | 1.9 | 34 |
| 31 | Cloning and characterization of a FLORICAULA/LEAFY ortholog, PFL, in polygamous papaya. <i>Cell Research</i> , 2005, 15, 576-584. | 12.0 | 28 |
| 32 | Enrichment of a papaya high-density genetic map with AFLP markers. <i>Genome</i> , 2009, 52, 716-725. | 2.0 | 28 |
| 33 | Characterization of Insertion Sites in Rainbow Papaya, the First Commercialized Transgenic Fruit Crop. <i>Tropical Plant Biology</i> , 2008, 1, 293-309. | 1.9 | 25 |
| 34 | Development of Chromosome-specific Cytogenetic Markers and Merging of Linkage Fragments in Papaya. <i>Tropical Plant Biology</i> , 2010, 3, 171-181. | 1.9 | 24 |
| 35 | B-class MADS-box genes in trioecious papaya: two paleoAP3 paralogs, CpTM6-1 and CpTM6-2, and a PI ortholog CpPI. <i>Planta</i> , 2008, 227, 741-753. | 3.2 | 22 |
| 36 | Vasconcellea. , 2011, , 213-249. | | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Genome of papaya, a fast growing tropical fruit tree. <i>Tree Genetics and Genomes</i> , 2012, 8, 445-462. | 1.6 | 21 |
| 38 | An integrated cytogenetic and physical map reveals unevenly distributed recombination spots along the papaya sex chromosomes. <i>Chromosome Research</i> , 2012, 20, 753-767. | 2.2 | 20 |
| 39 | Identification and expression analysis of BTH induced genes in papaya. <i>Physiological and Molecular Plant Pathology</i> , 2004, 65, 21-30. | 2.5 | 18 |
| 40 | Genomics of Papaya a Common Source of Vitamins in the Tropics. , 2008, , 405-420. | | 14 |
| 41 | Additive and nonadditive effects of serial applications of gibberellic acid on sugarcane internode growth. <i>Physiologia Plantarum</i> , 1980, 49, 271-276. | 5.2 | 11 |
| 42 | Characterization of Prolyl Oligopeptidase Genes Differentially Expressed Between Two Cultivars of <i>Coffea arabica</i> L.. <i>Tropical Plant Biology</i> , 2011, 4, 203-216. | 1.9 | 8 |
| 43 | Papaya Genome: A Model for Tropical Fruit Trees and Beyond. <i>Tropical Plant Biology</i> , 2008, 1, 179-180. | 1.9 | 4 |
| 44 | Sugarcane Breeding and Biotechnology to Feed the Emergent Sugarcane Biorefinery Industry. <i>Tropical Plant Biology</i> , 2011, 4, 1-2. | 1.9 | 2 |
| 45 | Papaya Genome and Genomics. , 2012, , 241-259. | | 2 |
| 46 | Phenotypic and Genetic Diversity of Papaya. , 2014, , 35-45. | | 2 |