Nahla V Bassil

List of Publications by Year
in descending order

91 papers	4,707 citations	126907 33 h-index	106344 65 g-index
98 all docs	98 docs citations	98 times ranked	4181 citing authors

#	Article	IF	Citations
1	The genome of woodland strawberry (Fragaria vesca). Nature Genetics, 2011, 43, 109-116.	21.4	1,091
2	Genome-Wide SNP Detection, Validation, and Development of an 8K SNP Array for Apple. PLoS ONE, 2012, 7, e31745.	2.5	249
3	Development and Evaluation of a 9K SNP Array for Peach by Internationally Coordinated SNP Detection and Validation in Breeding Germplasm. PLoS ONE, 2012, 7, e35668.	2.5	199
4	Development and preliminary evaluation of a 90ÂK AxiomÂ® SNP array for the allo-octoploid cultivated strawberry Fragaria Ã— ananassa. BMC Genomics, 2015, 16, 155.	2.8	179
5	Saturated linkage map construction in Rubus idaeus using genotyping by sequencing and genome-independent imputation. BMC Genomics, 2013, 14, 2.	2.8	171
6	Insights into phylogeny, sex function and age of Fragaria based on whole chloroplast genome sequencing. Molecular Phylogenetics and Evolution, 2013, 66, 17-29.	2.7	144
7	Generation and analysis of blueberry transcriptome sequences from leaves, developing fruit, and flower buds from cold acclimation through deacclimation. BMC Plant Biology, 2012, 12, 46.	3.6	139
8	The genome of black raspberry (Rubus occidentalis). Plant Journal, 2016, 87, 535-547.	5.7	111
9	Development and Evaluation of a Genome-Wide 6K SNP Array for Diploid Sweet Cherry and Tetraploid Sour Cherry. PLoS ONE, 2012, 7, e48305.	2.5	109
10	A genetic linkage map for hazelnut (Corylus avellanaL.) based on RAPD and SSR markers. Genome, 2006, 49, 122-133.	2.0	96
11	Characterization of European hazelnut (Corylus avellana) cultivars using SSR markers. Genetic Resources and Crop Evolution, 2009, 56, 147-172.	1.6	93
12	A near complete, chromosome-scale assembly of the black raspberry (Rubus occidentalis) genome. GigaScience, 2018, 7, .	6.4	86
13	Patterns of simple sequence repeats in cultivated blueberries (Vaccinium section Cyanococcus spp.) and their use in revealing genetic diversity and population structure. Molecular Breeding, 2014, 34, 675-689.	2.1	84
14	Microsatellite Markers in Hazelnut: Isolation, Characterization, and Cross-species Amplification. Journal of the American Society for Horticultural Science, 2005, 130, 543-549.	1.0	83
15	Pseudo-chromosomeâ€“length genome assembly of a double haploid â€œBartlettâ€•pear (Pyrus communis L.). GigaScience, 2019, 8, .	6.4	76
16	Target Capture Sequencing Unravels Rubus Evolution. Frontiers in Plant Science, 2019, 10, 1615.	3.6	73
17	High-quality, genome-wide SNP genotypic data for pedigreed germplasm of the diploid outbreeding species apple, peach, and sweet cherry through a common workflow. PLoS ONE, 2019, 14, e0210928.	2.5	67
18	Construction of a SNP and SSR linkage map in autotetraploid blueberryÂusing genotyping by sequencing. Molecular Breeding, 2016, 36, 1.	2.1	63

#	ARTICLE	IF	CITATIONS
19	Genetic diversity in wild and cultivated black raspberry (Rubus occidentalis L.) evaluated by simple sequence repeat markers. Genetic Resources and Crop Evolution, 2012, 59, 1849-1865.	1.6	62
20	Genetic Diversity in the Highbush Blueberry Evaluated with Microsatellite Markers. Journal of the American Society for Horticultural Science, 2006, 131, 674-686.	1.0	56
21	Impact of Wide Hybridization on Highbush Blueberry Breeding. Journal of the American Society for Horticultural Science, 2008, 133, 427-437.	1.0	52
22	Chromosome-scale scaffolding of the black raspberry (Rubus occidentalis L.) genome based on chromatin interaction data. Horticulture Research, 2018, 5, 8.	6.3	50
23	Validation of SNP markers for fruit quality and disease resistance loci in apple (Malus Ã— domestica) Tj ETQq1 1 0.784314 rgBT /Over	6.3	50
24	Construction of a genetic linkage map of an interspecific diploid blueberry population and identification of QTL for chilling requirement and cold hardiness. Molecular Breeding, 2014, 34, 2033-2048.	2.1	49
25	FaRXf1: a locus conferring resistance to angular leaf spot caused by Xanthomonas fragariae in octoploid strawberry. Theoretical and Applied Genetics, 2016, 129, 1191-1201.	3.6	49
26	Nuclear and chloroplast microsatellite markers to assess genetic diversity and evolution in hazelnut species, hybrids and cultivars. Genetic Resources and Crop Evolution, 2013, 60, 543-568.	1.6	48
27	Clarifying sub-genomic positions of QTLs for flowering habit and fruit quality in U.S. strawberry (FragariaÂ—ananassa) breeding populations using pedigree-based QTL analysis. Horticulture Research, 2017, 4, 17062.	6.3	48
28	Unraveling the Complex Hybrid Ancestry and Domestication History of Cultivated Strawberry. Molecular Biology and Evolution, 2021, 38, 2285-2305.	8.9	48
29	Diversity of Wild Pyrus communis Based on Microsatellite Analyses. Journal of the American Society for Horticultural Science, 2006, 131, 408-417.	1.0	48
30	Identification of European and Asian pears using EST-SSRs from Pyrus. Genetic Resources and Crop Evolution, 2010, 57, 357-370.	1.6	47
31	The first genetic map of the American cranberry: exploration of synteny conservation and quantitative trait loci. Theoretical and Applied Genetics, 2013, 126, 673-692.	3.6	47
32	Genetic and genomic resources for Rubus breeding: a roadmap for the future. Horticulture Research, 2019, 6, 116.	6.3	47
33	A roadmap for research in octoploid strawberry. Horticulture Research, 2020, 7, 33.	6.3	47
34	Development of a highly efficient Axiomâ„¢ 70 K SNP array for Pyrus and evaluation for high-density mapping and germplasm characterization. BMC Genomics, 2019, 20, 331.	2.8	40
35	A genetic linkage map of black raspberry (Rubus occidentalis) and the mapping of Ag 4 conferring resistance to the aphid Amphorophora agathonica. Theoretical and Applied Genetics, 2015, 128, 1631-1646.	3.6	35
36	Simple sequence repeat markers that identify Claviceps species and strains. Fungal Biology and Biotechnology, 2016, 3, 1.	5.1	34

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37	RosBREED: bridging the chasm between discovery and application to enable DNA-informed breeding in rosaceous crops. Horticulture Research, 2020, 7, 177.	6.3	34
38	Fragaria. , 2011, , 17-44.		32
39	QTL mapping of powdery mildew susceptibility in hop (Humulus lupulus L.). Euphytica, 2011, 180, 411.	1.2	31
40	Propagation of Hazelnut Stem Cuttings Using Agrobacterium rhizogenes. Hortscience: A Publication of the American Society for Hortcultural Science, 1991, 26, 1058-1060.	1.0	31
41	Domestication of Temperate and Coastal Hybrids with Distinct Ancestral Gene Selection in Octoploid Strawberry. Plant Genome, 2018, 11, 180049.	2.8	29
42	Microsatellite markers confirm identity of blueberry (Vaccinium spp.) plants in the USDA-ARS National Clonal Germplasm Repository collection. Genetic Resources and Crop Evolution, 2020, 67, 393-409.	1.6	26
43	Genic SSRs for European and North American hop (Humulus lupulus L.). Genetic Resources and Crop Evolution, 2008, 55, 959-969.	1.6	25
44	Diversity in Metabolites and Fruit Quality Traits in Blueberry Enables Ploidy and Species Differentiation and Establishes a Strategy for Future Genetic Studies. Frontiers in Plant Science, 2020, 11, 370.	3.6	24
45	EST-SSR markers from Fragaria vesca L. cv. Yellow Wonder. Molecular Ecology Notes, 2006, 6, 806-809.	1.7	23
46	A Highâ€Ðensity Linkage Map of the Ancestral Diploid Strawberry, Fragaria iinumae , Constructed with Single Nucleotide Polymorphism Markers from the IStraw90 Array and Genotyping by Sequencing. Plant Genome, 2016, 9, plantgenome2015.08.0071.	2.8	23
47	Comparative genetic mapping reveals synteny and collinearity between the American cranberry and diploid blueberry genomes. Molecular Breeding, 2018, 38, 1.	2.1	23
48	Crop Wild Relatives as Germplasm Resource for Cultivar Improvement in Mint (Mentha L.). Frontiers in Plant Science, 2020, 11, 1217.	3.6	22
49	Nomenclature and genetic relationships of apples and pears from Terceira Island. Genetic Resources and Crop Evolution, 2009, 56, 339-352.	1.6	21
50	Mapping a Novel Black Spot Resistance Locus in the Climbing Rose Brite Eyesâ„¢ (â€˜RADbriteâ€™). Frontiers in Plant Science, 2018, 9, 1730.	3.6	20
51	Genotype by environment interactions and combining ability for strawberry families grown in diverse environments. Euphytica, 2017, 213, 1.	1.2	19
52	Microsatellite Marker Development in Peony using Next Generation Sequencing. Journal of the American Society for Horticultural Science, 2013, 138, 64-74.	1.0	19
53	Reconstruction of the Largest Pedigree Network for Pear Cultivars and Evaluation of the Genetic Diversity of the USDA-ARS NationalPyrusCollection. G3: Genes, Genomes, Genetics, 2020, 10, 3285-3297.	1.8	18
54	A genome-enabled, high-throughput, and multiplexed fingerprinting platform for strawberry (Fragaria) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	17

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55	High-throughput marker assays for FaRPc2-mediated resistance to Phytophthora crown rot in octoploid strawberry. Molecular Breeding, 2018, 38, 1.	2.1	17
56	Validating Blackberry Seedling Pedigrees and Developing an Improved Multiplexed Microsatellite Fingerprinting Set. Journal of the American Society for Horticultural Science, 2018, 143, 381-390.	1.0	16
57	Genotyping-by-sequencing enables linkage mapping in three octoploid cultivated strawberry families. PeerJ, 2017, 5, e3731.	2.0	16
58	Validation of molecular markers associated with perpetual flowering in Octoploid Fragaria germplasm. Molecular Breeding, 2017, 37, 1.	2.1	14
59	Genetic diversity survey of Mentha aquatica L. and Mentha suaveolens Ehrh., mint crop ancestors. Genetic Resources and Crop Evolution, 2019, 66, 825-845.	1.6	14
60	A new SSR fingerprinting set and its comparison to existing SSR- and SNP-based genotyping platforms to manage Pyrus germplasm resources. Tree Genetics and Genomes, 2020, 16, 1.	1.6	14
61	Development of a reliable Corylus sp. reference database through the implementation of a DNA fingerprinting test. Planta, 2019, 249, 1863-1874.	3.2	13
62	Assessing genetic diversity of wild southeastern North American Vaccinium species using microsatellite markers. Genetic Resources and Crop Evolution, 2018, 65, 939-950.	1.6	12
63	Dissecting Genetic Resistance to Fire Blight in Three Pear Populations. Phytopathology, 2020, 110, 1305-1311.	2.2	12
64	Mapping the black spot resistance locus Rdr3 in the shrub rose â€˜George Vancouverâ€™ allows for the development of improved diagnostic markers for DNA-informed breeding. Theoretical and Applied Genetics, 2020, 133, 2011-2020.	3.6	12
65	Discovery of three loci increasing resistance to charcoal rot caused by Macrophomina phaseolina in octoploid strawberry. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	12
66	Public Availability of a Genotyped Segregating Population May Foster Marker Assisted Breeding (MAB) and Quantitative Trait Loci (QTL) Discovery: An Example Using Strawberry. Frontiers in Plant Science, 2016, 7, 619.	3.6	10
67	The Strawberry DNA Testing Handbook. Hortscience: A Publication of the American Society for Hortcultural Science, 2019, 54, 2267-2270.	1.0	10
68	Genetic diversity of diploid Japanese strawberry species based on microsatellite markers. Genetic Resources and Crop Evolution, 2011, 58, 1187-1198.	1.6	9
69	Development of a genetic framework to improve the efficiency of bioactive delivery from blueberry. Scientific Reports, 2020, 10, 17311.	3.3	9
70	Microsatellite Markers: Valuable inVacciniumL.. International Journal of Fruit Science, 2012, 12, 288-293.	2.4	8
71	Characterization of aphid resistance loci in black raspberry (Rubus occidentalis L.). Molecular Breeding, 2018, 38, 1.	2.1	8
72	Genome-Assisted Breeding in the Octoploid Strawberry. Compendium of Plant Genomes, 2018, , 161-184.	0.5	8

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73	Performance of an elite, hybrid family of a northernâ€‰Ã—â€‰southern highbush cross (â€˜Draperâ€™â€‰Ã—â€‰â€˜Jewelâ€™). Euphytica, 2018, 214, 1.	1.2	8
74	Development and Transferability of Black and Red Raspberry Microsatellite Markers from Short-Read Sequences. Journal of the American Society for Horticultural Science, 2015, 140, 243-252.	1.0	7
75	A Rosaceae Family-Level Approach To Identify Loci Influencing Soluble Solids Content in Blackberry for DNA-Informed Breeding. G3: Genes, Genomes, Genetics, 2020, 10, 3729-3740.	1.8	6
76	Genotype, Environment, Year, and Harvest Effects on Fruit Quality Traits of Five Blueberry (Vaccinium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.0	6
77	Blueberry. , 2011, , 1-40.		6
78	Two fingerprinting sets for Humulus lupulus based on KASP and microsatellite markers. PLoS ONE, 2022, 17, e0257746.	2.5	6
79	Chloroplast sequence data differentiate Maleae, and specifically Pyrus, species in the USDA-ARS National Plant Germplasm System. Genetic Resources and Crop Evolution, 2019, 66, 5-15.	1.6	4
80	â€˜Eclipseâ€™ Thornless Semi-erect Blackberry. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 749-754.	1.0	4
81	â€˜Galaxyâ€™ Thornless Semierect Blackberry. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 967-971.	1.0	4
82	Sequence and Analysis of the Black Raspberry (Rubus occidentalis) Genome. Compendium of Plant Genomes, 2018, , 185-197.	0.5	3
83	An Updated Host Differential Due to Two Novel Races of Diplocarpon rosae Wolf, the Causal Agent of Rose Black Spot Disease. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 1756-1758.	1.0	3
84	Flowering Tendencies in Octoploid Strawberry Species. International Journal of Fruit Science, 2016, 16, 249-257.	2.4	2
85	MICROPROPAGATION OF THE HAZELNUT, CORYLUS AVELLANA. Hortscience: A Publication of the American Society for Hortcultural Science, 1990, 25, 1100d-1100.	1.0	2
86	â€˜Twilightâ€™ Thornless Semi-erect Blackberry. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 1148-1152.	1.0	2
87	Perpetual Flowering in Strawberry Species. Hortscience: A Publication of the American Society for Hortcultural Science, 2017, 52, 1496-1500.	1.0	1
88	Mentha L. and Pycnanthemum L. Germplasm at the US National Clonal Germplasm Repository in Corvallis, Oregon. Medicinal and Aromatic Plants of the World, 2020, , 187-199.	0.2	1
89	â€˜Echoâ€™ Ornamental Reflowering Blueberry. Hortscience: A Publication of the American Society for Hortcultural Science, 2019, 54, 368-370.	1.0	1
90	â€˜Hallâ€™s Beautyâ€™ Thornless Trailing Blackberry. Hortscience: A Publication of the American Society for Hortcultural Science, 2019, 54, 371-376.	1.0	1

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91	Analysis of a Multi-Environment Trial for Black Raspberry (Rubus occidentalis L.) Quality Traits. Genes, 2022, 13, 418.	2.4	1