

Nahla V Bassil

List of Publications by Year in descending order

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91
papers

4,707
citations

126907

33
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106344

65
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all docs

98
docs citations

98
times ranked

4181
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of a Multi-Environment Trial for Black Raspberry (<i>Rubus occidentalis</i> L.) Quality Traits. <i>Genes</i> , 2022, 13, 418.	2.4	1
2	Two fingerprinting sets for <i>Humulus lupulus</i> based on KASP and microsatellite markers. <i>PLoS ONE</i> , 2022, 17, e0257746.	2.5	6
3	Unraveling the Complex Hybrid Ancestry and Domestication History of Cultivated Strawberry. <i>Molecular Biology and Evolution</i> , 2021, 38, 2285-2305.	8.9	48
4	Discovery of three loci increasing resistance to charcoal rot caused by <i>Macrophomina phaseolina</i> in octoploid strawberry. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	12
5	Genotype, Environment, Year, and Harvest Effects on Fruit Quality Traits of Five Blueberry (<i>Vaccinium</i>) Tj ETQq1 1 0,784314 rgBT /Over	3.0	8
6	Microsatellite markers confirm identity of blueberry (<i>Vaccinium</i> spp.) plants in the USDA-ARS National Clonal Germplasm Repository collection. <i>Genetic Resources and Crop Evolution</i> , 2020, 67, 393-409.	1.6	26
7	Crop Wild Relatives as Germplasm Resource for Cultivar Improvement in Mint (<i>Mentha</i> L.). <i>Frontiers in Plant Science</i> , 2020, 11, 1217.	3.6	22
8	A Rosaceae Family-Level Approach To Identify Loci Influencing Soluble Solids Content in Blackberry for DNA-Informed Breeding. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3729-3740.	1.8	6
9	Reconstruction of the Largest Pedigree Network for Pear Cultivars and Evaluation of the Genetic Diversity of the USDA-ARS National <i>Pyrus</i> Collection. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3285-3297.	1.8	18
10	Development of a genetic framework to improve the efficiency of bioactive delivery from blueberry. <i>Scientific Reports</i> , 2020, 10, 17311.	3.3	9
11	A new SSR fingerprinting set and its comparison to existing SSR- and SNP-based genotyping platforms to manage <i>Pyrus</i> germplasm resources. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	1.6	14
12	RosBREED: bridging the chasm between discovery and application to enable DNA-informed breeding in rosaceous crops. <i>Horticulture Research</i> , 2020, 7, 177.	6.3	34
13	Dissecting Genetic Resistance to Fire Blight in Three Pear Populations. <i>Phytopathology</i> , 2020, 110, 1305-1311.	2.2	12
14	A roadmap for research in octoploid strawberry. <i>Horticulture Research</i> , 2020, 7, 33.	6.3	47
15	Mapping the black spot resistance locus <i>Rdr3</i> in the shrub rose "George Vancouver"™ allows for the development of improved diagnostic markers for DNA-informed breeding. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2011-2020.	3.6	12
16	Diversity in Metabolites and Fruit Quality Traits in Blueberry Enables Ploidy and Species Differentiation and Establishes a Strategy for Future Genetic Studies. <i>Frontiers in Plant Science</i> , 2020, 11, 370.	3.6	24
17	<i>Mentha</i> L. and <i>Pycnanthemum</i> L. Germplasm at the US National Clonal Germplasm Repository in Corvallis, Oregon. <i>Medicinal and Aromatic Plants of the World</i> , 2020, , 187-199.	0.2	1
18	"Eclipse"™ Thornless Semi-erect Blackberry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 749-754.	1.0	4

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19	An Updated Host Differential Due to Two Novel Races of <i>Diplocarpon rosae</i> Wolf, the Causal Agent of Rose Black Spot Disease. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 1756-1758.	1.0	3
20	Galaxy™ Thornless Semierect Blackberry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 967-971.	1.0	4
21	Twilight™ Thornless Semi-erect Blackberry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 1148-1152.	1.0	2
22	High-quality, genome-wide SNP genotypic data for pedigreed germplasm of the diploid outbreeding species apple, peach, and sweet cherry through a common workflow. <i>PLoS ONE</i> , 2019, 14, e0210928.	2.5	67
23	Genetic and genomic resources for <i>Rubus</i> breeding: a roadmap for the future. <i>Horticulture Research</i> , 2019, 6, 116.	6.3	47
24	Development of a highly efficient Axiom™, 70 K SNP array for <i>Pyrus</i> and evaluation for high-density mapping and germplasm characterization. <i>BMC Genomics</i> , 2019, 20, 331.	2.8	40
25	Validation of SNP markers for fruit quality and disease resistance loci in apple (<i>Malus domestica</i>) Tj ETQq1 1 0.784314 rgBT /Over 6.3 50	6.3	50
26	Genetic diversity survey of <i>Mentha aquatica</i> L. and <i>Mentha suaveolens</i> Ehrh., mint crop ancestors. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 825-845.	1.6	14
27	Development of a reliable <i>Corylus</i> sp. reference database through the implementation of a DNA fingerprinting test. <i>Planta</i> , 2019, 249, 1863-1874.	3.2	13
28	Target Capture Sequencing Unravels <i>Rubus</i> Evolution. <i>Frontiers in Plant Science</i> , 2019, 10, 1615.	3.6	73
29	Pseudo-chromosome length genome assembly of a double haploid Bartlett pear (<i>Pyrus communis</i> L.). <i>GigaScience</i> , 2019, 8, .	6.4	76
30	Chloroplast sequence data differentiate Maleae, and specifically <i>Pyrus</i> , species in the USDA-ARS National Plant Germplasm System. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 5-15.	1.6	4
31	Echo™ Ornamental Reflowering Blueberry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 368-370.	1.0	1
32	Hall™s Beauty™ Thornless Trailing Blackberry. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 371-376.	1.0	1
33	The Strawberry DNA Testing Handbook. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 2267-2270.	1.0	10
34	Chromosome-scale scaffolding of the black raspberry (<i>Rubus occidentalis</i> L.) genome based on chromatin interaction data. <i>Horticulture Research</i> , 2018, 5, 8.	6.3	50
35	Comparative genetic mapping reveals synteny and collinearity between the American cranberry and diploid blueberry genomes. <i>Molecular Breeding</i> , 2018, 38, 1.	2.1	23
36	Assessing genetic diversity of wild southeastern North American <i>Vaccinium</i> species using microsatellite markers. <i>Genetic Resources and Crop Evolution</i> , 2018, 65, 939-950.	1.6	12

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37	Domestication of Temperate and Coastal Hybrids with Distinct Ancestral Gene Selection in Octoploid Strawberry. <i>Plant Genome</i> , 2018, 11, 180049.	2.8	29
38	Mapping a Novel Black Spot Resistance Locus in the Climbing Rose Brite Eyes [®] (â€˜RADbriteâ€™™). <i>Frontiers in Plant Science</i> , 2018, 9, 1730.	3.6	20
39	Validating Blackberry Seedling Pedigrees and Developing an Improved Multiplexed Microsatellite Fingerprinting Set. <i>Journal of the American Society for Horticultural Science</i> , 2018, 143, 381-390.	1.0	16
40	Characterization of aphid resistance loci in black raspberry (<i>Rubus occidentalis</i> L.). <i>Molecular Breeding</i> , 2018, 38, 1.	2.1	8
41	High-throughput marker assays for FaRPa2-mediated resistance to <i>Phytophthora</i> crown rot in octoploid strawberry. <i>Molecular Breeding</i> , 2018, 38, 1.	2.1	17
42	A near complete, chromosome-scale assembly of the black raspberry (<i>Rubus occidentalis</i>) genome. <i>GigaScience</i> , 2018, 7, .	6.4	86
43	Genome-Assisted Breeding in the Octoploid Strawberry. <i>Compendium of Plant Genomes</i> , 2018, , 161-184.	0.5	8
44	Sequence and Analysis of the Black Raspberry (<i>Rubus occidentalis</i>) Genome. <i>Compendium of Plant Genomes</i> , 2018, , 185-197.	0.5	3
45	Performance of an elite, hybrid family of a northernâ€”southern highbush cross (â€˜Draperâ€™™â€”â€˜Jewelâ€™™). <i>Euphytica</i> , 2018, 214, 1.	1.2	8
46	Validation of molecular markers associated with perpetual flowering in Octoploid <i>Fragaria</i> germplasm. <i>Molecular Breeding</i> , 2017, 37, 1.	2.1	14
47	Genotype by environment interactions and combining ability for strawberry families grown in diverse environments. <i>Euphytica</i> , 2017, 213, 1.	1.2	19
48	Clarifying sub-genomic positions of QTLs for flowering habit and fruit quality in U.S. strawberry (<i>Fragaria</i> â€” <i>ananassa</i>) breeding populations using pedigree-based QTL analysis. <i>Horticulture Research</i> , 2017, 4, 17062.	6.3	48
49	Perpetual Flowering in Strawberry Species. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 1496-1500.	1.0	1
50	Genotyping-by-sequencing enables linkage mapping in three octoploid cultivated strawberry families. <i>PeerJ</i> , 2017, 5, e3731.	2.0	16
51	A Highâ€”Density Linkage Map of the Ancestral Diploid Strawberry, <i>Fragaria iinumae</i> , Constructed with Single Nucleotide Polymorphism Markers from the IStraw90 Array and Genotyping by Sequencing. <i>Plant Genome</i> , 2016, 9, plantgenome2015.08.0071.	2.8	23
52	Public Availability of a Genotyped Segregating Population May Foster Marker Assisted Breeding (MAB) and Quantitative Trait Loci (QTL) Discovery: An Example Using Strawberry. <i>Frontiers in Plant Science</i> , 2016, 7, 619.	3.6	10
53	The genome of black raspberry (<i>Rubus occidentalis</i>). <i>Plant Journal</i> , 2016, 87, 535-547.	5.7	111
54	Construction of a SNP and SSR linkage map in autotetraploid blueberry using genotyping by sequencing. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	63

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55	Flowering Tendencies in Octoploid Strawberry Species. <i>International Journal of Fruit Science</i> , 2016, 16, 249-257.	2.4	2
56	Simple sequence repeat markers that identify <i>Claviceps</i> species and strains. <i>Fungal Biology and Biotechnology</i> , 2016, 3, 1.	5.1	34
57	FaRXf1: a locus conferring resistance to angular leaf spot caused by <i>Xanthomonas fragariae</i> in octoploid strawberry. <i>Theoretical and Applied Genetics</i> , 2016, 129, 1191-1201.	3.6	49
58	A genetic linkage map of black raspberry (<i>Rubus occidentalis</i>) and the mapping of Ag 4 conferring resistance to the aphid <i>Amphorophora agathonica</i> . <i>Theoretical and Applied Genetics</i> , 2015, 128, 1631-1646.	3.6	35
59	Development and preliminary evaluation of a 90K Axiom® SNP array for the allo-octoploid cultivated strawberry <i>Fragaria</i> × <i>ananassa</i> . <i>BMC Genomics</i> , 2015, 16, 155.	2.8	179
60	Development and Transferability of Black and Red Raspberry Microsatellite Markers from Short-Read Sequences. <i>Journal of the American Society for Horticultural Science</i> , 2015, 140, 243-252.	1.0	7
61	Construction of a genetic linkage map of an interspecific diploid blueberry population and identification of QTL for chilling requirement and cold hardiness. <i>Molecular Breeding</i> , 2014, 34, 2033-2048.	2.1	49
62	Patterns of simple sequence repeats in cultivated blueberries (<i>Vaccinium</i> section <i>Cyanococcus</i> spp.) and their use in revealing genetic diversity and population structure. <i>Molecular Breeding</i> , 2014, 34, 675-689.	2.1	84
63	Saturated linkage map construction in <i>Rubus idaeus</i> using genotyping by sequencing and genome-independent imputation. <i>BMC Genomics</i> , 2013, 14, 2.	2.8	171
64	The first genetic map of the American cranberry: exploration of synteny conservation and quantitative trait loci. <i>Theoretical and Applied Genetics</i> , 2013, 126, 673-692.	3.6	47
65	Insights into phylogeny, sex function and age of <i>Fragaria</i> based on whole chloroplast genome sequencing. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 17-29.	2.7	144
66	Nuclear and chloroplast microsatellite markers to assess genetic diversity and evolution in hazelnut species, hybrids and cultivars. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 543-568.	1.6	48
67	A genome-enabled, high-throughput, and multiplexed fingerprinting platform for strawberry (<i>Fragaria</i>) Tj ETQq1 1 0,784314 rgBT /Over P7	2.1	19
68	Microsatellite Marker Development in Peony using Next Generation Sequencing. <i>Journal of the American Society for Horticultural Science</i> , 2013, 138, 64-74.	1.0	19
69	Genetic diversity in wild and cultivated black raspberry (<i>Rubus occidentalis</i> L.) evaluated by simple sequence repeat markers. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 1849-1865.	1.6	62
70	Generation and analysis of blueberry transcriptome sequences from leaves, developing fruit, and flower buds from cold acclimation through deacclimation. <i>BMC Plant Biology</i> , 2012, 12, 46.	3.6	139
71	Microsatellite Markers: Valuable in <i>Vaccinium</i> L.. <i>International Journal of Fruit Science</i> , 2012, 12, 288-293.	2.4	8
72	Genome-Wide SNP Detection, Validation, and Development of an 8K SNP Array for Apple. <i>PLoS ONE</i> , 2012, 7, e31745.	2.5	249

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73	Development and Evaluation of a 9K SNP Array for Peach by Internationally Coordinated SNP Detection and Validation in Breeding Germplasm. <i>PLoS ONE</i> , 2012, 7, e35668.	2.5	199
74	Development and Evaluation of a Genome-Wide 6K SNP Array for Diploid Sweet Cherry and Tetraploid Sour Cherry. <i>PLoS ONE</i> , 2012, 7, e48305.	2.5	109
75	<i>Fragaria</i> . , 2011, , 17-44.		32
76	The genome of woodland strawberry (<i>Fragaria vesca</i>). <i>Nature Genetics</i> , 2011, 43, 109-116.	21.4	1,091
77	QTL mapping of powdery mildew susceptibility in hop (<i>Humulus lupulus</i> L.). <i>Euphytica</i> , 2011, 180, 411.	1.2	31
78	Genetic diversity of diploid Japanese strawberry species based on microsatellite markers. <i>Genetic Resources and Crop Evolution</i> , 2011, 58, 1187-1198.	1.6	9
79	<i>Blueberry</i> . , 2011, , 1-40.		6
80	Identification of European and Asian pears using EST-SSRs from <i>Pyrus</i> . <i>Genetic Resources and Crop Evolution</i> , 2010, 57, 357-370.	1.6	47
81	Characterization of European hazelnut (<i>Corylus avellana</i>) cultivars using SSR markers. <i>Genetic Resources and Crop Evolution</i> , 2009, 56, 147-172.	1.6	93
82	Nomenclature and genetic relationships of apples and pears from Terceira Island. <i>Genetic Resources and Crop Evolution</i> , 2009, 56, 339-352.	1.6	21
83	Genic SSRs for European and North American hop (<i>Humulus lupulus</i> L.). <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 959-969.	1.6	25
84	Impact of Wide Hybridization on Highbush Blueberry Breeding. <i>Journal of the American Society for Horticultural Science</i> , 2008, 133, 427-437.	1.0	52
85	A genetic linkage map for hazelnut (<i>Corylus avellana</i> L.) based on RAPD and SSR markers. <i>Genome</i> , 2006, 49, 122-133.	2.0	96
86	EST-SSR markers from <i>Fragaria vesca</i> L. cv. Yellow Wonder. <i>Molecular Ecology Notes</i> , 2006, 6, 806-809.	1.7	23
87	Diversity of Wild <i>Pyrus communis</i> Based on Microsatellite Analyses. <i>Journal of the American Society for Horticultural Science</i> , 2006, 131, 408-417.	1.0	48
88	Genetic Diversity in the Highbush Blueberry Evaluated with Microsatellite Markers. <i>Journal of the American Society for Horticultural Science</i> , 2006, 131, 674-686.	1.0	56
89	Microsatellite Markers in Hazelnut: Isolation, Characterization, and Cross-species Amplification. <i>Journal of the American Society for Horticultural Science</i> , 2005, 130, 543-549.	1.0	83
90	Propagation of Hazelnut Stem Cuttings Using <i>Agrobacterium rhizogenes</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1991, 26, 1058-1060.	1.0	31

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91	MICROPROPAGATION OF THE HAZELNUT, CORYLUS AVELLANA. Hortscience: A Publication of the American Society for Horticultural Science, 1990, 25, 1100d-1100.	1.0	2