Ben Vosman

List of Publications by Year in descending order

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Version: 2024-02-01

133	9,081	52	89
papers	citations	h-index	g-index
135	135	135	8883 citing authors
all docs	docs citations	times ranked	

#	Article	IF	CITATIONS
1	WRKY Gene Family Drives Dormancy Release in Onion Bulbs. Cells, 2022, 11, 1100.	1.8	6
2	A novel non-trichome based whitefly resistance QTL in Solanum galapagense. Euphytica, 2021, 217, 1.	0.6	7
3	Fine mapping of a thrips resistance QTL in Capsicum and the role of diterpene glycosides in the underlying mechanism. Theoretical and Applied Genetics, 2021, 134, 1557-1573.	1.8	5
4	Insights from the first genome assembly of Onion (<i>Allium cepa</i>). G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	32
5	Aphid populations showing differential levels of virulence on Capsicum accessions. Insect Science, 2020, 27, 336-348.	1.5	10
6	Aphid resistance in Capsicum maps to a locus containing LRR-RLK gene analogues. Theoretical and Applied Genetics, 2020, 133, 227-237.	1.8	15
7	The effect of a thrips resistance QTL in different Capsicum backgrounds. Euphytica, 2020, 216, 1.	0.6	3
8	The ability to manipulate ROS metabolism in pepper may affect aphid virulence. Horticulture Research, 2020, 7, 6.	2.9	10
9	Genetic variation in phytochemicals in leaves of pepper (Capsicum) in relation to thrips resistance. Arthropod-Plant Interactions, 2019, 13, 1-9.	0.5	18
10	The effect of plant development on thrips resistance in Capsicum. Arthropod-Plant Interactions, 2019, 13, 11-18.	0.5	9
11	QTL mapping of insect resistance components of Solanum galapagense. Theoretical and Applied Genetics, 2019, 132, 531-541.	1.8	37
12	Broad spectrum insect resistance and metabolites in close relatives of the cultivated tomato. Euphytica, 2018, 214, 46.	0.6	40
13	Combining QTL mapping with transcriptome and metabolome profiling reveals a possible role for ABA signaling in resistance against the cabbage whitefly in cabbage. PLoS ONE, 2018, 13, e0206103.	1.1	13
14	Reduced phloem uptake of Myzus persicae on an aphid resistant pepper accession. BMC Plant Biology, 2018, 18, 138.	1.6	46
15	Genetic architecture of plant stress resistance: multiâ€trait genomeâ€wide association mapping. New Phytologist, 2017, 213, 1346-1362.	3.5	144
16	Antibiosis resistance against larval cabbage root fly, Delia radicum, in wild Brassica-species. Euphytica, 2016, 211, 139-155.	0.6	18
17	Quantitative resistance against <i>Bemisia tabaci</i> in <i>Solanum pennellii</i> : Genetics and metabolomics. Journal of Integrative Plant Biology, 2016, 58, 397-412.	4.1	19
18	Defence against vertebrate herbivores trades off into architectural and low nutrient strategies amongst savanna Fabaceae species. Oikos, 2016, 125, 126-136.	1.2	32

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19	SNP-markers in Allium species to facilitate introgression breeding in onion. BMC Plant Biology, 2016, 16, 187.	1.6	40
20	Managing the Colorado potato beetle; the need for resistance breeding. Euphytica, 2015, 204, 487-501.	0.6	32
21	Host plant resistance towards the cabbage whitefly in Brassica oleracea and its wild relatives. Euphytica, 2015, 202, 297-306.	0.6	21
22	Parasitism overrides herbivore identity allowing hyperparasitoids to locate their parasitoid host using herbivoreâ€induced plant volatiles. Molecular Ecology, 2015, 24, 2886-2899.	2.0	40
23	QTL mapping of thrips resistance in pepper. Theoretical and Applied Genetics, 2015, 128, 1945-1956.	1.8	20
24	Novel Genes Affecting the Interaction between the Cabbage Whitefly and Arabidopsis Uncovered by Genome-Wide Association Mapping. PLoS ONE, 2015, 10, e0145124.	1.1	9
25	Response of <i>Solanum tuberosum</i> to <i>Myzus persicae</i> infestation at different stages of foliage maturity. Insect Science, 2014, 21, 727-740.	1.5	8
26	Normal adult survival but reduced Bemisia tabaci oviposition rate on tomato lines carrying an introgression from S. habrochaites. BMC Genetics, 2014, 15, 142.	2.7	17
27	Constitutive overexpression of the pollen specific gene SKS13 in leaves reduces aphid performance on Arabidopsis thaliana. BMC Plant Biology, 2014, 14, 217.	1.6	10
28	Mining the Genus Solanum for Increasing Disease Resistance. , 2014, , 27-46.		10
29	Comparative analysis of <i>Solanum stoloniferum</i> responses to probing by the green peach aphid <i>Myzus persicae</i> and the potato aphid <i>Macrosiphum euphorbiae</i> lnsect Science, 2013, 20, 207-227.	1.5	30
30	Tomato breeding in the genomics era: insights from a SNP array. BMC Genomics, 2013, 14, 354.	1.2	86
31	Identification and QTL mapping of whitefly resistance components in Solanum galapagense. Theoretical and Applied Genetics, 2013, 126, 1487-1501.	1.8	66
32	Differences in insect resistance between tomato species endemic to the Galapagos Islands. BMC Evolutionary Biology, 2013, 13, 175.	3.2	45
33	The <i>Bemisia tabaci</i> species complex: Additions from different parts of the world. Insect Science, 2013, 20, 723-733.	1.5	94
34	Large subclonal variation in <i><scp>P</scp>hytophthora infestans</i> populations associated with <scp>E</scp> cuadorian potato landraces. Plant Pathology, 2013, 62, 1081-1088.	1.2	31
35	QualitySNPng: a user-friendly SNP detection and visualization tool. Nucleic Acids Research, 2013, 41, W587-W590.	6.5	28
36	Overexpression of IRM1 Enhances Resistance to Aphids in Arabidopsis thaliana. PLoS ONE, 2013, 8, e70914.	1.1	24

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37	Nutrients, technological properties and genetic relationships among twenty cowpea landraces cultivated in West Africa. International Journal of Food Science and Technology, 2012, 47, 2636-2647.	1.3	12
38	Resistance to Bemisia tabaci in tomato wild relatives. Euphytica, 2012, 187, 31-45.	0.6	93
39	High throughput phenotyping for aphid resistance in large plant collections. Plant Methods, 2012, 8, 33.	1.9	23
40	Phloemâ€specific resistance in <i>Brassica oleracea</i> against the whitefly <i>Aleyrodes proletella</i> Entomologia Experimentalis Et Applicata, 2012, 142, 153-164.	0.7	23
41	Resistance factors in pepper inhibit larval development of thrips (<i><scp>F</scp>rankliniella) Tj ETQq1 1 0.7843</i>	14 rgBT /	Ovgrlock 10
42	Identification of silverleaf whitefly resistance in pepper. Plant Breeding, 2011, 130, 708-714.	1.0	34
43	Exploiting natural variation to identify insectâ€resistance genes. Plant Biotechnology Journal, 2011, 9, 819-825.	4.1	95
44	Transcriptional responses of Brassica nigra to feeding by specialist insects of different feeding guilds. Insect Science, 2011, 18, 259-272.	1.5	30
45	Screening of pepper accessions for resistance against two thrips species (Frankliniella occidentalis) Tj ETQq $1\ 1\ 0$.	784314 r	gBŢ/Overloc
46	In vitro screening and QTL analysis for drought tolerance in diploid potato. Euphytica, 2011, 181, 357-369.	0.6	51
47	Construction of an integrated microsatellite and key morphological characteristic database of potato varieties on the EU common catalogue. Euphytica, 2011, 182, 239.	0.6	53
48	SolRgene: an online database to explore disease resistance genes in tuber-bearing Solanum species. BMC Plant Biology, 2011, 11, 116.	1.6	38
49	Genotype calling in tetraploid species from bi-allelic marker data using mixture models. BMC Bioinformatics, 2011, 12, 172.	1,2	175
50	What's in a name; Genetic structure in Solanum section Petota studied using population-genetic tools. BMC Evolutionary Biology, 2011, 11, 42.	3.2	38
51	Diversity, Distribution, and Evolution of <i>Solanum bulbocastanum</i> Late Blight Resistance Genes. Molecular Plant-Microbe Interactions, 2010, 23, 1206-1216.	1.4	69
52	Development and evaluation of robust molecular markers linked to disease resistance in tomato for distinctness, uniformity and stability testing. Theoretical and Applied Genetics, 2010, 120, 655-664.	1.8	84
53	A novel approach to locate Phytophthora infestans resistance genes on the potato genetic map. Theoretical and Applied Genetics, 2010, 120, 785-796.	1.8	49
54	A pipeline for high throughput detection and mapping of SNPs from EST databases. Molecular Breeding, 2010, 26, 65-75.	1.0	51

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55	Characterisation of sugar beet (Beta vulgaris L. ssp. vulgaris) varieties using microsatellite markers. BMC Genetics, 2010, 11, 41.	2.7	51
56	Development of microsatellite markers for identifying Brazilian Coffea arabica varieties. Genetics and Molecular Biology, 2010, 33, 507-514.	0.6	20
57	Intraspecific variation in herbivore community composition and transcriptional profiles in field-grown Brassica oleracea cultivars. Journal of Experimental Botany, 2010, 61, 807-819.	2.4	29
58	Microsatellite Markers in and around Rice Genes: Applications in Variety Identification and DUS Testing. Crop Science, 2009, 49, 880-886.	0.8	23
59	Genetic mapping and annotation of genomic microsatellites isolated from globe artichoke. Theoretical and Applied Genetics, 2009, 118, 1573-1587.	1.8	38
60	Darwin's wind hypothesis: does it work for plant dispersal in fragmented habitats?. New Phytologist, 2009, 183, 667-677.	3.5	59
61	Potato Cultivar Genome Analysis. Methods in Molecular Biology, 2009, 508, 295-308.	0.4	14
62	FISH mapping and molecular organization of the major repetitive sequences of tomato. Chromosome Research, 2008, 16, 919-933.	1.0	69
63	Natural hybridisation between Populus nigra L. and P. x canadensis Moench. Hybrid offspring competes for niches along the Rhine river in the Netherlands. Tree Genetics and Genomes, 2008, 4, 663-675.	0.6	62
64	Allele mining in Solanum: conserved homologues of Rpi-blb1 are identified in Solanum stoloniferum. Theoretical and Applied Genetics, 2008, 116, 933-943.	1.8	117
65	The utility of NBS profiling for plant systematics: a first study in tuber-bearing Solanum species. Plant Systematics and Evolution, 2008, 276, 137-148.	0.3	12
66	HaploSNPer: a web-based allele and SNP detection tool. BMC Genetics, 2008, 9, 23.	2.7	37
67	Responses of <i>Brassica oleracea</i> cultivars to infestation by the aphid <i>Brevicoryne brassicae</i> : an ecological and molecular approach. Plant, Cell and Environment, 2008, 31, 1592-1605.	2.8	63
68	Large-scale identification of polymorphic microsatellites using an in silico approach. BMC Bioinformatics, 2008, 9, 374.	1.2	65
69	AFLP analysis reveals a lack of phylogenetic structure within Solanum section Petota. BMC Evolutionary Biology, 2008, 8, 145.	3.2	52
70	Effector Genomics Accelerates Discovery and Functional Profiling of Potato Disease Resistance and Phytophthora Infestans Avirulence Genes. PLoS ONE, 2008, 3, e2875.	1.1	361
71	AFLP markers as a tool to reconstruct complex relationships: A case study in <i>Rosa</i> (Rosaceae). American Journal of Botany, 2008, 95, 353-366.	0.8	143
72	Structure of the genetic diversity in black poplar (Populus nigra L.) populations across European river systems: Consequences for conservation and restoration. Forest Ecology and Management, 2008, 255, 1388-1399.	1.4	116

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73	Reconstruction of fig wasp mating structure: how many mothers share a fig?. Ecological Entomology, 2007, 32, 485-491.	1.1	14
74	A Mixed-Model Approach to Association Mapping Using Pedigree Information With an Illustration of Resistance to Phytophthora infestans in Potato. Genetics, 2007, 175, 879-889.	1.2	205
75	Assignment Tests for Variety Identification Compared to Genetic Similarityâ€Based Methods Using Experimental Datasets from Different Marker Systems in Sugar Beet. Crop Science, 2007, 47, 1964-1974.	0.8	14
76	Infection of potato plants with potato leafroll virus changes attraction and feeding behaviour of <i>MyzusÂpersicae</i> . Entomologia Experimentalis Et Applicata, 2007, 125, 135-144.	0.7	97
77	Genotypic variation in genome-wide transcription profiles induced by insect feeding: Brassica oleracea – Pieris rapae interactions. BMC Genomics, 2007, 8, 239.	1.2	75
78	QTL identification for early blight resistance (Alternaria solani) in a Solanum lycopersicumÂ×ÂS. arcanum cross. Theoretical and Applied Genetics, 2007, 114, 439-450.	1.8	42
79	The distribution of genetic diversity in a Brassica oleracea gene bank collection related to the effects on diversity of regeneration, as measured with AFLPs. Theoretical and Applied Genetics, 2007, 114, 777-786.	1.8	46
80	Genetic population differentiation and connectivity among fragmented Moor frog (Rana arvalis) populations in The Netherlands. Landscape Ecology, 2007, 22, 1489-1500.	1.9	84
81	Plant translational genomics: from model species to crops. Molecular Breeding, 2007, 20, 1-13.	1.0	39
82	Unique genomic configuration revealed by microsatellite DNA in polyploid dogroses, Rosa sect. Caninae. Journal of Evolutionary Biology, 2006, 19, 635-648.	0.8	59
83	Location of resistance factors in the leaves of potato and wild tuber-bearing Solanum species to the aphid Myzus persicae. Entomologia Experimentalis Et Applicata, 2006, 121, 145-157.	0.7	171
84	Linked vs. unlinked markers: multilocus microsatellite haplotype-sharing as a tool to estimate gene flow and introgression. Molecular Ecology, 2006, 16, 243-256.	2.0	40
85	QualitySNP: a pipeline for detecting single nucleotide polymorphisms and insertions/deletions in EST data from diploid and polyploid species. BMC Bioinformatics, 2006, 7, 438.	1.2	127
86	Alpha-gliadin genes from the A, B, and D genomes of wheat contain different sets of celiac disease epitopes. BMC Genomics, 2006, 7, 1 .	1.2	445
87	Genetic Structure in Populations of an Ancient Woodland Sedge, Carex sylvatica Hudson, at a Regional and Local Scale. Plant Biology, 2005, 7, 387-396.	1.8	15
88	Development and characterization of microsatellite markers for two dioecious Ficus species. Molecular Ecology Notes, 2005, 5, 355-357.	1.7	34
89	Development and mapping of a public reference set of SSR markers in Lolium perenne L Molecular Ecology Notes, 2005, 5, 951-957.	1.7	52
90	Pollinating fig waSPS: genetic consequences of island recolonization. Journal of Evolutionary Biology, 2005, 18, 1234-1243.	0.8	40

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91	Microsatellite analysis of Rosa damascena Mill. accessions reveals genetic similarity between genotypes used for rose oil production and old Damask rose varieties. Theoretical and Applied Genetics, 2005, 111, 804-809.	1.8	91
92	Past and current gene flow in the selfing, wind-dispersed species Mycelis muralis in western Europe. Molecular Ecology, 2004, 13, 1391-1407.	2.0	26
93	Microsatellite DNA marker inheritance indicates preferential pairing between two highly homologous genomes in polyploid and hemisexual dog-roses, Rosa L. Sect. Caninae DC Heredity, 2004, 92, 139-150.	1.2	85
94	Genetic differentiation and trade among populations of peach palm (Bactris gasipaes Kunth) in the Peruvian Amazonâ€"implications for genetic resource management. Theoretical and Applied Genetics, 2004, 108, 1564-1573.	1.8	46
95	Efficient targeting of plant disease resistance loci using NBS profiling. Theoretical and Applied Genetics, 2004, 109, 384-393.	1.8	129
96	Assignment of allelic configuration in polyploids using the MAC-PR (microsatellite DNA allele) Tj ETQq0 0 0 rgBT	/Oyerlock	10 ₂₀₈ 50 542
97	The establishment of â€~essential derivation' among rose varieties, using AFLP. Theoretical and Applied Genetics, 2004, 109, 1718-1725.	1.8	37
98	Ex-situ conservation of Black poplar in Europe: genetic diversity in nine gene bank collections and their value for nature development. Theoretical and Applied Genetics, 2004, 108, 969-981.	1.8	65
99	Title is missing!. Conservation Genetics, 2003, 4, 441-451.	0.8	54
100	Assessment of the uniformity of wheat and tomato varieties at DNA microsatellite loci. Euphytica, 2003, 132, 331-341.	0.6	43
101	Identification of cut rose (Rosa hybrida) and rootstock varieties using robust sequence tagged microsatellite site markers. Theoretical and Applied Genetics, 2003, 106, 277-286.	1.8	133
102	Microsatellite genotyping of carnation varieties. Theoretical and Applied Genetics, 2003, 106, 1191-1195.	1.8	26
103	Characterization of microsatellite markers inFagus sylvaticaL. andFagus orientalisLipsky. Molecular Ecology Notes, 2003, 3, 76-78.	1.7	81
104	Cloning and characterization of four apple MADS box genes isolated from vegetative tissue. Journal of Experimental Botany, 2002, 53, 1025-1036.	2.4	61
105	Biodiversity assessment using markers for ecologically important traits. Trends in Ecology and Evolution, 2002, 17, 577-582.	4.2	149
106	Construction and testing of a microsatellite database containing more than 500 tomato varieties. Theoretical and Applied Genetics, 2002, 105, 1019-1026.	1.8	112
107	Construction and analysis of a microsatellite-based database of European wheat varieties. Theoretical and Applied Genetics, 2002, 106, 67-73.	1.8	134
108	Use of microsatellites to evaluate genetic diversity and species relationships in the genus Lycopersicon. Theoretical and Applied Genetics, 2001, 103, 1283-1292.	1.8	96

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109	Trinucleotide repeat microsatellite markers for black poplar (Populus nigra L.). Molecular Ecology Notes, 2001, 1, 188-190.	1.7	137
110	Microsatellite markers for the European tree frog Hyla arborea. Molecular Ecology, 2000, 9, 1944-1946.	2.0	45
111	Heterogeneity of the internal transcribed spacer 1 (ITS1) inTulipa (Liliaceae). Plant Systematics and Evolution, 2000, 225, 29-41.	0.3	16
112	Genetic Diversity and the Survival of Populations. Plant Biology, 2000, 2, 379-395.	1.8	335
113	Genetic Diversity and the Reintroduction of Meadow Species. Plant Biology, 2000, 2, 447-454.	1.8	34
114	Development and characterization of microsatellite markers in black poplar (Populus nigra L.). Theoretical and Applied Genetics, 2000, 101, 317-322.	1.8	170
115	Microsatellite markers useful throughout the genus <i>Dianthus</i> . Genome, 2000, 43, 208-210.	0.9	13
116	Microsatellite retrieval in lettuce (<i>Lactuca sativa</i> L.). Genome, 1999, 42, 139-149.	0.9	92
117	Microsatellite retrieval in lettuce (<i>Lactuca sativa</i> L). Genome, 1999, 42, 139-149.	0.9	14
118	The use of semi-automated fluorescent microsatellite analysis for tomato cultivar identification. Theoretical and Applied Genetics, 1998, 97, 584-590.	1.8	70
119	Molecular genetic analysis of black poplar (Populus nigra L.) along Dutch rivers. Molecular Ecology, 1998, 7, 11-18.	2.0	160
120	Phylogenetic relationships amongLactuca(Asteraceae) species and related genera based on ITS-1 DNA sequences. American Journal of Botany, 1998, 85, 1517-1530.	0.8	80
121	Molecular characterization of GATA/GACA microsatellite repeats in tomato. Genome, 1997, 40, 25-33.	0.9	43
122	Molecular technologies for biodiversity evaluation: Opportunities and challenges. Nature Biotechnology, 1997, 15, 625-628.	9.4	147
123	Title is missing!. Molecular Breeding, 1997, 3, 381-390.	1.0	619
124	Use of short microsatellites from database sequences to generate polymorphisms among Lycopersicon esculentum cultivars and accessions of other Lycopersicon species. Theoretical and Applied Genetics, 1997, 94, 264-272.	1.8	251
125	Characterization of the extracellular lipase, LipA, of Acinetobacter calcoaceticus BD413 and sequence analysis of the cloned structural gene. Molecular Microbiology, 1995, 15, 803-818.	1.2	72
126	A gene of Acinetobacter calcoaceticus BD413 encodes a periplasmic peptidyl-prolyl cis-trans isomerase of the cyclophilin sub-class that is not essential for growth. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1994, 1219, 601-606.	2.4	15

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127	Direct comparison of levels of genetic variation in tomato detected by a GACA-containing microsatellite probe and by random amplified polymorphic DNA. Genome, 1994, 37, 375-381.	0.9	64
128	Regulation of the expression of the Pseudomonas stutzeri recA gene. Antonie Van Leeuwenhoek, 1993, 63, 55-62.	0.7	2
129	Increased stability of recombinant plasmids by Tn1000 insertion in chemostat cultures of recombinantEscherichia coli GT123. Current Microbiology, 1993, 26, 281-286.	1.0	2
130	Characterization of transformation-deficient mutants of Acinetobacter calcoaceticus. Molecular Microbiology, 1992, 6, 1747-1754.	1.2	33
131	Molecular cloning and functional characterization of a recA analog from Pseudomonas stutzeri and construction of a P. stutzeri recA mutant. Antonie Van Leeuwenhoek, 1991, 59, 115-123.	0.7	21
132	Cloning in Escherichia coli of the gene specifying the DNA-entry nuclease of Bacillus subtilis. Gene, 1987, 52, 175-183.	1.0	31
133	Integration of vector-containing Bacillus subtilis chromosomal DNA by a Campbell-like mechanism. Molecular Genetics and Genomics, 1986, 204, 524-531.	2.4	25