Peter H Van Tienderen

List of Publications by Year
in descending order

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68 papers	6,878 citations	109321 35 h-index	98798 67 g-index
69 all docs	69 docs citations	69 times ranked	8706 citing authors

#	Article	IF	Citations
1	The Analysis of Polyploid Genetic Data. Journal of Heredity, 2018, 109, 283-296.	2.4	155
2	Cloning and Functional Analysis of three Cold Regulated CBF Genes in the Overwintering Crucifer Boechera stricta. International Journal of Agriculture and Biology, 2018, 20, 594-600.	0.4	3
3	Identification of the Submergence Tolerance QTL Come Quick Drowning1 (CQD1) in Arabidopsis thaliana. Journal of Heredity, 2017, 108, 308-317.	2.4	9
4	Transcriptomes of eight Arabidopsis thaliana accessions reveal core conserved, genotype- and organ-specific responses to flooding stress. Plant Physiology, 2016, 172, pp.00472.2016.	4.8	92
5	Abiotic stress QTL in lettuce cropâ€“wild hybrids: comparing greenhouse and field experiments. Ecology and Evolution, 2014, 4, 2395-2409.	1.9	28
6	Group <scp>VII E</scp>thylene <scp>R</scp>esponse <scp>F</scp>actor diversification and regulation in four species from floodâ€prone environments. Plant, Cell and Environment, 2014, 37, 2421-2432.	5.7	58
7	Identification of quantitative trait loci and a candidate locus for freezing tolerance in controlled and outdoor environments in the overwintering crucifer <scp>B</scp>oechera stricta. Plant, Cell and Environment, 2014, 37, 2459-2469.	5.7	10
8	Impact of plant invasions on local arthropod communities: a metaâ€analysis. Journal of Ecology, 2014, 102, 4-11.	4.0	83
9	A mixed-model QTL analysis for salt tolerance in seedlings of crop-wild hybrids of lettuce. Molecular Breeding, 2014, 34, 1389-1400.	2.1	10
10	A decadal view of biodiversity informatics: challenges and priorities. BMC Ecology, 2013, 13, 16.	3.0	110
11	Introgression of Crop Alleles into Wild or Weedy Populations. Annual Review of Ecology, Evolution, and Systematics, 2013, 44, 325-345.	8.3	169
12	The effects of inheritance in tetraploids on genetic diversity and population divergence. Heredity, 2013, 110, 131-137.	2.6	89
13	QTL analysis reveals the genetic architecture of domestication traits in Crisphead lettuce. Genetic Resources and Crop Evolution, 2013, 60, 1487-1500.	1.6	28
14	Root Transcript Profiling of Two Rorippa Species Reveals Gene Clusters Associated with Extreme Submergence Tolerance. Plant Physiology, 2013, 163, 1277-1292.	4.8	62
15	Genomic and environmental selection patterns in two distinct lettuce cropâ€“wild hybrid crosses. Evolutionary Applications, 2013, 6, 569-584.	3.1	23
16	Wait or escape? Contrasting submergence tolerance strategies of Rorippa amphibia, Rorippa sylvestris and their hybrid. Annals of Botany, 2012, 109, 1263-1276.	2.9	66
17	Hybridization between crops and wild relatives: the contribution of cultivated lettuce to the vigour of cropâ€“wild hybrids under drought, salinity and nutrient deficiency conditions. Theoretical and Applied Genetics, 2012, 125, 1097-1111.	3.6	23
18	Crop to wild introgression in lettuce: following the fate of crop genome segments in backcross populations. BMC Plant Biology, 2012, 12, 43.	3.6	20

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19	Human-induced hybridization among congeneric endemic plants on Tenerife, Canary Islands. Plant Systematics and Evolution, 2012, 298, 1119-1131.	0.9	41
20	Does insect netting affect the containment of airborne pollen from (GM-) plants in greenhouses?. Aerobiologia, 2012, 28, 325-335.	1.7	5
21	Genomic regions in cropâ€“wild hybrids of lettuce are affected differently in different environments: implications for crop breeding. Evolutionary Applications, 2012, 5, 629-640.	3.1	24
22	Challenges for biodiversity research in Europe. Procedia, Social and Behavioral Sciences, 2011, 13, 83-100.	0.5	8
23	Inheritance in tetraploid yeast revisited: segregation patterns and statistical power under different inheritance models. Journal of Evolutionary Biology, 2010, 23, 1570-1578.	1.7	20
24	Other tetraploid species and conspecific diploids as sources of genetic variation for an autotetraploid. American Journal of Botany, 2010, 97, 1858-1866.	1.7	13
25	Different flooding responses inRorippa amphibiaandRorippa sylvestris, and their modes of expression in F₁hybrids. New Phytologist, 2008, 180, 229-239.	7.3	21
26	The Ecological implications of a Yakutian mammoth's last meal. Quaternary Research, 2008, 69, 361-376.	1.7	116
27	Segregation Models for Disomic, Tetrasomic and Intermediate Inheritance in Tetraploids: A General Procedure Applied to Rorippa (Yellow Cress) Microsatellite Data. Genetics, 2008, 179, 2113-2123.	2.9	152
28	Predicting adaptation of phenology in response to climate change, an insect herbivore example. Global Change Biology, 2007, 13, 1596-1604.	9.5	182
29	Genetic diversity in diploid vs. tetraploid Rorippa amphibia (Brassicaceae). Molecular Ecology, 2007, 16, 3544-3553.	3.9	46
30	Morphological systematics of Serapias L. (Orchidaceae) in Southwest Europe. Plant Systematics and Evolution, 2007, 265, 165-177.	0.9	12
31	Development of highly conserved primers for 12 new polymorphic microsatellite loci for the genus Rorippa Scop. (Brassicaceae), yellow-cress. Molecular Ecology Notes, 2006, 6, 1129-1131.	1.7	5
32	Male sterility in triploid dandelions: asexual females vs asexual hermaphrodites. Heredity, 2006, 96, 45-52.	2.6	36
33	Regional Consequences of Local Population Demography and Genetics in Relation to Habitat Management in Gentiana pneumonanthe. Conservation Biology, 2005, 19, 357-367.	4.7	43
34	genotype and genodive: two programs for the analysis of genetic diversity of asexual organisms. Molecular Ecology Notes, 2004, 4, 792-794.	1.7	1,732
35	Quantitative trait loci affecting growth-related traits in wild barley (Hordeum spontaneum) grown under different levels of nutrient supply. Heredity, 2004, 93, 22-33.	2.6	25
36	Nuclearâ€“Cytoplasmic male-sterility in diploid dandelions. Heredity, 2004, 93, 43-50.	2.6	17

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37	The relationship between relative growth rate and susceptibility to aphids in wild barley under different nutrient levels. Oecologia, 2003, 137, 564-571.	2.0	4
38	Plasticity of growth characteristics in wild barley (Hordeum spontaneum) in response to nutrient limitation. Journal of Ecology, 2003, 91, 371-382.	4.0	49
39	Microsatellites in the bromeliads Tillandsia fasciculata and Guzmania monostachya. Molecular Ecology Notes, 2003, 3, 302-303.	1.7	40
40	Biodiversity assessment using markers for ecologically important traits. Trends in Ecology and Evolution, 2002, 17, 577-582.	8.7	149
41	Primers for 22 candidate genes for ecological adaptations in Brassicaceae. Molecular Ecology Notes, 2002, 2, 258-262.	1.7	48
42	Genetic variation and plasticity of Plantago coronopus under saline conditions. Acta Oecologica, 2001, 22, 187-200.	1.1	31
43	ELASTICITIES AND THE LINK BETWEEN DEMOGRAPHIC AND EVOLUTIONARY DYNAMICS. Ecology, 2000, 81, 666-679.	3.2	153
44	GENERALISTS, SPECIALISTS, AND THE EVOLUTION OF PHENOTYPIC PLASTICITY IN SYMPATRIC POPULATIONS OF DISTINCT SPECIES. Evolution; International Journal of Organic Evolution, 1997, 51, 1372-1380.	2.3	99
45	Generalists, Specialists, and the Evolution of Phenotypic Plasticity in Sympatric Populations of Distinct Species. Evolution; International Journal of Organic Evolution, 1997, 51, 1372.	2.3	83
46	Natural Variation in Flowering Time among Populations of the Annual CruciferArabidopsis thaliana. Plant Species Biology, 1997, 12, 15-23.	1.0	5
47	Variation in growth form in relation to spectral light quality (red/far-red ratio) in Plantago lanceolata L. in sun and shade populations. Oecologia, 1997, 111, 452-459.	2.0	68
48	Reply from P.H. Van Tienderen. Trends in Ecology and Evolution, 1996, 11, 219-220.	8.7	0
49	Pleiotropic effects of flowering time genes in the annual crucifer Arabidopsis thaliana (Brassicaceae). American Journal of Botany, 1996, 83, 169-174.	1.7	36
50	Phenotypic Plasticity in Growth Habit in Plantago lanceolata: How Tight is a Suite of Correlated Characters?. Plant Species Biology, 1996, 11, 87-96.	1.0	28
51	Pleiotropic Effects of Flowering Time Genes in the Annual Crucifer Arabidopsis thaliana (Brassicaceae). American Journal of Botany, 1996, 83, 169.	1.7	25
52	Adaptive phenotypic plasticity: consensus and controversy. Trends in Ecology and Evolution, 1995, 10, 212-217.	8.7	1,193
53	Phenotypes: Their epigenetics, ecology and evolution. Trends in Ecology and Evolution, 1995, 10, 509-510.	8.7	2
54	Life Cycle Trade-Offs in Matrix Population Models. Ecology, 1995, 76, 2482-2489.	3.2	107

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55	Selection on reaction norms, genetic correlations and constraints. Genetical Research, 1994, 64, 115-125.	0.9	78
56	A general model of the relation between phenotypic selection and genetic response. Journal of Evolutionary Biology, 1994, 7, 1-12.	1.7	71
57	Variation in a Population of Plantago lanceolata along a Topographical Gradient. Oikos, 1992, 64, 560.	2.7	33
58	Ontoecogenophyloconstraints? The chaos of constraint terminology. Trends in Ecology and Evolution, 1991, 6, 166-168.	8.7	123
59	Evolution of Generalists and Specialist in Spatially Heterogeneous Environments. Evolution; International Journal of Organic Evolution, 1991, 45, 1317.	2.3	248
60	EVOLUTION OF GENERALISTS AND SPECIALISTS IN SPATIALLY HETEROGENEOUS ENVIRONMENTS. Evolution; International Journal of Organic Evolution, 1991, 45, 1317-1331.	2.3	327
61	Genetic Differentiation Between Populations of Plantago Lanceolata. II. Phenotypic Selection in a Transplant Experiment in Three Contrasting Habitats. Journal of Ecology, 1991, 79, 43.	4.0	44
62	Genetic Differentiation Between Populations of Plantago Lanceolata. I. Local Adaptation in Three Contrasting Habitats. Journal of Ecology, 1991, 79, 27.	4.0	85
63	A rapid quantitative measurement of root length and root branching by microcomputer image analysis. Plant and Soil, 1990, 126, 301-308.	3.7	37
64	Within-population variability in morphology and life history of Plantago major L. ssp. pleiosperma Pilger in relation to environmental heterogeneity. Oecologia, 1990, 84, 404-410.	2.0	13
65	Comparative demography ofPlantago. I. Observations on eight populations ofPlantago lanceolata. Acta Botanica Neerlandica, 1989, 38, 67-78.	0.9	17
66	Dispersal, kinship and inbreeding in an island population of the Great Tit. Journal of Evolutionary Biology, 1988, 1, 117-137.	1.7	70
67	Sex ratio under the haystack model: Polymorphism may occur. Journal of Theoretical Biology, 1986, 122, 69-81.	1.7	61
68	Genealogical evidence for random mating in a natural population of the great tit (Parus major L.). Die Naturwissenschaften, 1985, 72, 104-106.	1.6	15