

# 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	genotype and genodive: two programs for the analysis of genetic diversity of asexual organisms. <i>Molecular Ecology Notes</i> , 2004, 4, 792-794.	1.7	1,732
2	Adaptive phenotypic plasticity: consensus and controversy. <i>Trends in Ecology and Evolution</i> , 1995, 10, 212-217.	8.7	1,193
3	EVOLUTION OF GENERALISTS AND SPECIALISTS IN SPATIALLY HETEROGENEOUS ENVIRONMENTS. <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 1317-1331.	2.3	327
4	Evolution of Generalists and Specialist in Spatially Heterogeneous Environments. <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 1317.	2.3	248
5	Predicting adaptation of phenology in response to climate change, an insect herbivore example. <i>Global Change Biology</i> , 2007, 13, 1596-1604.	9.5	182
6	Introgression of Crop Alleles into Wild or Weedy Populations. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2013, 44, 325-345.	8.3	169
7	The Analysis of Polyploid Genetic Data. <i>Journal of Heredity</i> , 2018, 109, 283-296.	2.4	155
8	ELASTICITIES AND THE LINK BETWEEN DEMOGRAPHIC AND EVOLUTIONARY DYNAMICS. <i>Ecology</i> , 2000, 81, 666-679.	3.2	153
9	Segregation Models for Disomic, Tetrasomic and Intermediate Inheritance in Tetraploids: A General Procedure Applied to <i>Rorippa</i> (Yellow Cress) Microsatellite Data. <i>Genetics</i> , 2008, 179, 2113-2123.	2.9	152
10	Biodiversity assessment using markers for ecologically important traits. <i>Trends in Ecology and Evolution</i> , 2002, 17, 577-582.	8.7	149
11	Ontoecogenophyloconstraints? The chaos of constraint terminology. <i>Trends in Ecology and Evolution</i> , 1991, 6, 166-168.	8.7	123
12	The Ecological implications of a Yakutian mammoth's last meal. <i>Quaternary Research</i> , 2008, 69, 361-376.	1.7	116
13	A decadal view of biodiversity informatics: challenges and priorities. <i>BMC Ecology</i> , 2013, 13, 16.	3.0	110
14	Life Cycle Trade-Offs in Matrix Population Models. <i>Ecology</i> , 1995, 76, 2482-2489.	3.2	107
15	GENERALISTS, SPECIALISTS, AND THE EVOLUTION OF PHENOTYPIC PLASTICITY IN SYMPATRIC POPULATIONS OF DISTINCT SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1372-1380.	2.3	99
16	Transcriptomes of eight <i>Arabidopsis thaliana</i> accessions reveal core conserved, genotype- and organ-specific responses to flooding stress. <i>Plant Physiology</i> , 2016, 172, pp.00472.2016.	4.8	92
17	The effects of inheritance in tetraploids on genetic diversity and population divergence. <i>Heredity</i> , 2013, 110, 131-137.	2.6	89
18	Genetic Differentiation Between Populations of <i>Plantago lanceolata</i> . I. Local Adaptation in Three Contrasting Habitats. <i>Journal of Ecology</i> , 1991, 79, 27.	4.0	85

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19	Generalists, Specialists, and the Evolution of Phenotypic Plasticity in Sympatric Populations of Distinct Species. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1372.	2.3	83
20	Impact of plant invasions on local arthropod communities: a meta-analysis. <i>Journal of Ecology</i> , 2014, 102, 4-11.	4.0	83
21	Selection on reaction norms, genetic correlations and constraints. <i>Genetical Research</i> , 1994, 64, 115-125.	0.9	78
22	A general model of the relation between phenotypic selection and genetic response. <i>Journal of Evolutionary Biology</i> , 1994, 7, 1-12.	1.7	71
23	Dispersal, kinship and inbreeding in an island population of the Great Tit. <i>Journal of Evolutionary Biology</i> , 1988, 1, 117-137.	1.7	70
24	Variation in growth form in relation to spectral light quality (red/far-red ratio) in <i>Plantago lanceolata</i> L. in sun and shade populations. <i>Oecologia</i> , 1997, 111, 452-459.	2.0	68
25	Wait or escape? Contrasting submergence tolerance strategies of <i>Rorippa amphibia</i> , <i>Rorippa sylvestris</i> and their hybrid. <i>Annals of Botany</i> , 2012, 109, 1263-1276.	2.9	66
26	Root Transcript Profiling of Two <i>Rorippa</i> Species Reveals Gene Clusters Associated with Extreme Submergence Tolerance. <i>Plant Physiology</i> , 2013, 163, 1277-1292.	4.8	62
27	Sex ratio under the haystack model: Polymorphism may occur. <i>Journal of Theoretical Biology</i> , 1986, 122, 69-81.	1.7	61
28	Group VII Ethylene Response Factor diversification and regulation in four species from flood-prone environments. <i>Plant, Cell and Environment</i> , 2014, 37, 2421-2432.	5.7	58
29	Plasticity of growth characteristics in wild barley ( <i>Hordeum spontaneum</i> ) in response to nutrient limitation. <i>Journal of Ecology</i> , 2003, 91, 371-382.	4.0	49
30	Primers for 22 candidate genes for ecological adaptations in Brassicaceae. <i>Molecular Ecology Notes</i> , 2002, 2, 258-262.	1.7	48
31	Genetic diversity in diploid vs. tetraploid <i>Rorippa amphibia</i> (Brassicaceae). <i>Molecular Ecology</i> , 2007, 16, 3544-3553.	3.9	46
32	Genetic Differentiation Between Populations of <i>Plantago lanceolata</i> . II. Phenotypic Selection in a Transplant Experiment in Three Contrasting Habitats. <i>Journal of Ecology</i> , 1991, 79, 43.	4.0	44
33	Regional Consequences of Local Population Demography and Genetics in Relation to Habitat Management in <i>Gentiana pneumonanthe</i> . <i>Conservation Biology</i> , 2005, 19, 357-367.	4.7	43
34	Human-induced hybridization among congeneric endemic plants on Tenerife, Canary Islands. <i>Plant Systematics and Evolution</i> , 2012, 298, 1119-1131.	0.9	41
35	Microsatellites in the bromeliads <i>Tillandsia fasciculata</i> and <i>Guzmania monostachya</i> . <i>Molecular Ecology Notes</i> , 2003, 3, 302-303.	1.7	40
36	A rapid quantitative measurement of root length and root branching by microcomputer image analysis. <i>Plant and Soil</i> , 1990, 126, 301-308.	3.7	37

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37	Pleiotropic effects of flowering time genes in the annual crucifer <i>Arabidopsis thaliana</i> (Brassicaceae). <i>American Journal of Botany</i> , 1996, 83, 169-174.	1.7	36
38	Male sterility in triploid dandelions: asexual females vs asexual hermaphrodites. <i>Heredity</i> , 2006, 96, 45-52.	2.6	36
39	Variation in a Population of <i>Plantago lanceolata</i> along a Topographical Gradient. <i>Oikos</i> , 1992, 64, 560.	2.7	33
40	Genetic variation and plasticity of <i>Plantago coronopus</i> under saline conditions. <i>Acta Oecologica</i> , 2001, 22, 187-200.	1.1	31
41	Phenotypic Plasticity in Growth Habit in <i>Plantago lanceolata</i> : How Tight is a Suite of Correlated Characters?. <i>Plant Species Biology</i> , 1996, 11, 87-96.	1.0	28
42	QTL analysis reveals the genetic architecture of domestication traits in Crisphead lettuce. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1487-1500.	1.6	28
43	Abiotic stress QTL in lettuce crop-wild hybrids: comparing greenhouse and field experiments. <i>Ecology and Evolution</i> , 2014, 4, 2395-2409.	1.9	28
44	Quantitative trait loci affecting growth-related traits in wild barley ( <i>Hordeum spontaneum</i> ) grown under different levels of nutrient supply. <i>Heredity</i> , 2004, 93, 22-33.	2.6	25
45	Pleiotropic Effects of Flowering Time Genes in the Annual Crucifer <i>Arabidopsis thaliana</i> (Brassicaceae). <i>American Journal of Botany</i> , 1996, 83, 169.	1.7	25
46	Genomic regions in crop-wild hybrids of lettuce are affected differently in different environments: implications for crop breeding. <i>Evolutionary Applications</i> , 2012, 5, 629-640.	3.1	24
47	Hybridization between crops and wild relatives: the contribution of cultivated lettuce to the vigour of crop-wild hybrids under drought, salinity and nutrient deficiency conditions. <i>Theoretical and Applied Genetics</i> , 2012, 125, 1097-1111.	3.6	23
48	Genomic and environmental selection patterns in two distinct lettuce crop-wild hybrid crosses. <i>Evolutionary Applications</i> , 2013, 6, 569-584.	3.1	23
49	Different flooding responses in <i>Rorippa amphibia</i> and <i>Rorippa sylvestris</i> , and their modes of expression in F <sub>1</sub> hybrids. <i>New Phytologist</i> , 2008, 180, 229-239.	7.3	21
50	Inheritance in tetraploid yeast revisited: segregation patterns and statistical power under different inheritance models. <i>Journal of Evolutionary Biology</i> , 2010, 23, 1570-1578.	1.7	20
51	Crop to wild introgression in lettuce: following the fate of crop genome segments in backcross populations. <i>BMC Plant Biology</i> , 2012, 12, 43.	3.6	20
52	Comparative demography of <i>Plantago</i> . I. Observations on eight populations of <i>Plantago lanceolata</i> . <i>Acta Botanica Neerlandica</i> , 1989, 38, 67-78.	0.9	17
53	Nuclear-Cytoplasmic male-sterility in diploid dandelions. <i>Heredity</i> , 2004, 93, 43-50.	2.6	17
54	Genealogical evidence for random mating in a natural population of the great tit ( <i>Parus major</i> L.). <i>Die Naturwissenschaften</i> , 1985, 72, 104-106.	1.6	15

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55	Within-population variability in morphology and life history of <i>Plantago major</i> L. ssp. <i>pleiosperma</i> Pilger in relation to environmental heterogeneity. <i>Oecologia</i> , 1990, 84, 404-410.	2.0	13
56	Other tetraploid species and conspecific diploids as sources of genetic variation for an autotetraploid. <i>American Journal of Botany</i> , 2010, 97, 1858-1866.	1.7	13
57	Morphological systematics of <i>Serapias</i> L. (Orchidaceae) in Southwest Europe. <i>Plant Systematics and Evolution</i> , 2007, 265, 165-177.	0.9	12
58	Identification of quantitative trait loci and a candidate locus for freezing tolerance in controlled and outdoor environments in the overwintering crucifer <i>Boechera stricta</i> . <i>Plant, Cell and Environment</i> , 2014, 37, 2459-2469.	5.7	10
59	A mixed-model QTL analysis for salt tolerance in seedlings of crop-wild hybrids of lettuce. <i>Molecular Breeding</i> , 2014, 34, 1389-1400.	2.1	10
60	Identification of the Submergence Tolerance QTL Come Quick Drowning1 (CQD1) in <i>Arabidopsis thaliana</i> . <i>Journal of Heredity</i> , 2017, 108, 308-317.	2.4	9
61	Challenges for biodiversity research in Europe. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 13, 83-100.	0.5	8
62	Natural Variation in Flowering Time among Populations of the Annual Crucifer <i>Arabidopsis thaliana</i> . <i>Plant Species Biology</i> , 1997, 12, 15-23.	1.0	5
63	Development of highly conserved primers for 12 new polymorphic microsatellite loci for the genus <i>Rorippa</i> Scop. (Brassicaceae), yellow-cress. <i>Molecular Ecology Notes</i> , 2006, 6, 1129-1131.	1.7	5
64	Does insect netting affect the containment of airborne pollen from (GM-) plants in greenhouses?. <i>Aerobiologia</i> , 2012, 28, 325-335.	1.7	5
65	The relationship between relative growth rate and susceptibility to aphids in wild barley under different nutrient levels. <i>Oecologia</i> , 2003, 137, 564-571.	2.0	4
66	Cloning and Functional Analysis of three Cold Regulated CBF Genes in the Overwintering Crucifer <i>Boechera stricta</i> . <i>International Journal of Agriculture and Biology</i> , 2018, 20, 594-600.	0.4	3
67	Phenotypes: Their epigenetics, ecology and evolution. <i>Trends in Ecology and Evolution</i> , 1995, 10, 509-510.	8.7	2
68	Reply from P.H. Van Tienderen. <i>Trends in Ecology and Evolution</i> , 1996, 11, 219-220.	8.7	0