

Theo J L Van Hintum

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,198
citations

516561

16
h-index

395590

33
g-index

37
all docs

37
docs citations

37
times ranked

1606
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic erosion in crops: concept, research results and challenges. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2010, 8, 1-15.	0.4	287
2	Genetic diversity trends in twentieth century crop cultivars: a meta analysis. <i>Theoretical and Applied Genetics</i> , 2010, 120, 1241-1252.	1.8	207
3	EURISCO: The European search catalogue for plant genetic resources. <i>Nucleic Acids Research</i> , 2017, 45, D1003-D1008.	6.5	81
4	Whole-genome resequencing of 445 <i>Lactuca</i> accessions reveals the domestication history of cultivated lettuce. <i>Nature Genetics</i> , 2021, 53, 752-760.	9.4	64
5	Empirical evaluation of DArT, SNP, and SSR marker-systems for genotyping, clustering, and assigning sugar beet hybrid varieties into populations. <i>Plant Science</i> , 2012, 184, 54-62.	1.7	54
6	Population structure revealed by different marker types (SSR or DArT) has an impact on the results of genome-wide association mapping in European barley cultivars. <i>Molecular Breeding</i> , 2012, 30, 951-966.	1.0	49
7	Duplication within and between germplasm collections. <i>Genetic Resources and Crop Evolution</i> , 1995, 42, 135-145.	0.8	48
8	Next-generation genebanking: plant genetic resources management and utilization in the sequencing era. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2014, 12, 298-307.	0.4	38
9	GERMINATE. A Generic Database for Integrating Genotypic and Phenotypic Information for Plant Genetic Resource Collections. <i>Plant Physiology</i> , 2005, 139, 619-631.	2.3	35
10	Duplication within and between germplasm collections. <i>Genetic Resources and Crop Evolution</i> , 1995, 42, 127-133.	0.8	30
11	Summarised diversity – the Barley Core Collection. <i>Developments in Plant Genetics and Breeding</i> , 2003, 7, 259-267.	0.6	28
12	Genetic and economic aspects of marker-assisted reduction of redundancy from a wild potato germplasm collection. <i>Genetic Resources and Crop Evolution</i> , 2004, 51, 277-290.	0.8	27
13	The Dynamics of on-farm Management of Sorghum in Ethiopia: Implication for the Conservation and Improvement of Plant Genetic Resources. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 1385-1403.	0.8	23
14	Sampling Strategies for Composing a Core Collection of Cultivated Barley (<i>Hordeum vulgare</i> s. lat.) Collected in China. <i>Hereditas</i> , 2004, 122, 7-17.	0.5	19
15	Authenticity of Old Cultivars in Genebank Collections: A Case Study on Lettuce. <i>Crop Science</i> , 2011, 51, 736-746.	0.8	19
16	Genebank Operation in the Arena of Access and Benefit-Sharing Policies. <i>Frontiers in Plant Science</i> , 2019, 10, 1712.	1.7	19
17	Generation Challenge Programme (GCP): Standards for Crop Data. <i>OMICS A Journal of Integrative Biology</i> , 2006, 10, 215-219.	1.0	18
18	Barley diversity – an introduction. <i>Developments in Plant Genetics and Breeding</i> , 2003, 7, 3-8.	0.6	13

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19	The Generation Challenge Programme comparative plant stress-responsive gene catalogue. <i>Nucleic Acids Research</i> , 2008, 36, D943-D946.	6.5	13
20	Diversity in ex situ genebank collections of barley. <i>Developments in Plant Genetics and Breeding</i> , 2003, , 247-257.	0.6	12
21	Homoplasmy corrected estimation of genetic similarity from AFLP bands, and the effect of the number of bands on the precision of estimation. <i>Theoretical and Applied Genetics</i> , 2009, 119, 397-416.	1.8	11
22	Comparison of selection methods for the establishment of a core collection using SSR markers for hazelnut (<i>Corylus avellana</i> L.) accessions from European germplasm repositories. <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	0.6	11
23	Classification of landraces and improved cultivars of hexaploid wheats (<i>Triticum aestivum</i> , T.) Tj ETQq1 1 0.784314,rgBT /Overlock 10	0.6	9
24	Quality indicators for passport data in ex situ genebanks. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2011, 9, 478-485.	0.4	9
25	Reliability of germination testing of ex situ conserved seeds: a genebank case study on outsourced analyses. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2012, 10, 134-136.	0.4	9
26	Effects of climate change on the distribution of crop wild relatives in the Netherlands in relation to conservation status and ecotope variation. <i>Global Ecology and Conservation</i> , 2020, 23, e01054.	1.0	9
27	Practical consequences of digital sequence information (DSI) definitions and access and benefit-sharing scenarios from a plant genebank's perspective. <i>Plants People Planet</i> , 2022, 4, 23-32.	1.6	9
28	Current taxonomic composition of European genebank material documented in EURISCO. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2010, 8, 182-188.	0.4	7
29	Reliable genomic strategies for species classification of plant genetic resources. <i>BMC Bioinformatics</i> , 2021, 22, 173.	1.2	7
30	Analysis of wild <i>Lactuca</i> accessions: conservation and identification of redundancy. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2008, 6, 153-163.	0.4	6
31	Climate change and crop wild relatives: can species track their suitable environment, and what do they lose in the process?. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2013, 11, 234-237.	0.4	6
32	A historical analysis of diversity trends in French and Dutch lettuce cultivars. <i>Euphytica</i> , 2013, 190, 229-239.	0.6	6
33	Genebanks and genomics: how to interconnect data from both communities?. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2015, 13, 90-93.	0.4	5
34	The Generation Challenge Programme Platform: Semantic Standards and Workbench for Crop Science. <i>International Journal of Plant Genomics</i> , 2008, 2008, 1-6.	2.2	5
35	Barley diversity – an outlook. <i>Developments in Plant Genetics and Breeding</i> , 2003, , 269-278.	0.6	3
36	AEGIS, the Virtual European Genebank: Why It Is Such a Good Idea, Why It Is Not Working and How It Could Be Improved. <i>Plants</i> , 2021, 10, 2165.	1.6	2