Maarten van Zonneveld

List of Publications by Year
in descending order

29 papers	1,129 citations	471509 17 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	1926 citing authors

#	Article	IF	Citations
1	Exome sequencing of geographically diverse barley landraces and wild relatives gives insights into environmental adaptation. Nature Genetics, 2016, 48, 1024-1030.	21.4	259
2	Present Spatial Diversity Patterns of Theobroma cacao L. in the Neotropics Reflect Genetic Differentiation in Pleistocene Refugia Followed by Human-Influenced Dispersal. PLoS ONE, 2012, 7, e47676.	2.5	107
3	Mapping Genetic Diversity of Cherimoya (Annona cherimola Mill.): Application of Spatial Analysis for Conservation and Use of Plant Genetic Resources. PLoS ONE, 2012, 7, e29845.	2.5	105
4	The future of coffee and cocoa agroforestry in a warmer Mesoamerica. Scientific Reports, 2019, 9, 8828.	3.3	65
5	Peach palm (Bactris gasipaes) in tropical Latin America: implications for biodiversity conservation, natural resource management and human nutrition. Biodiversity and Conservation, 2013, 22, 269-300.	2.6	54
6	Screening Genetic Resources of Capsicum Peppers in Their Primary Center of Diversity in Bolivia and Peru. PLoS ONE, 2015, 10, e0134663.	2.5	53
7	Decision-Making to Diversify Farm Systems for Climate Change Adaptation. Frontiers in Sustainable Food Systems, 2020, 4, .	3.9	52
8	Climate change impact predictions on Pinus patula and Pinus tecunumanii populations in Mexico and Central America. Forest Ecology and Management, 2009, 257, 1566-1576.	3.2	48
9	Genetic Diversity and Ecological Niche Modelling of Wild Barley: Refugia, Large-Scale Post-LGM Range Expansion and Limited Mid-Future Climate Threats?. PLoS ONE, 2014, 9, e86021.	2.5	46
10	Modelled distributions and conservation status of the wild relatives of chile peppers (<i>Capsicum</i>L.). Diversity and Distributions, 2020, 26, 209-225.	4.1	41
11	Human diets drive range expansion of megafauna-dispersed fruit species. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3326-3331.	7.1	37
12	Mapping patterns of abiotic and biotic stress resilience uncovers conservation gaps and breeding potential of Vigna wild relatives. Scientific Reports, 2020, 10, 2111.	3.3	37
13	An assessment of the genetic diversity of Cedrela balansae C. DC. (Meliaceae) in Northwestern Argentina by means of combined use of SSR and AFLP molecular markers. Biochemical Systematics and Ecology, 2013, 47, 45-55.	1.3	27
14	Distributions, conservation status, and abiotic stress tolerance potential of wild cucurbits (<i>Cucurbita</i> L.). Plants People Planet, 2020, 2, 269-283.	3.3	26
15	Holocene land and seaâ€trade routes explain complex patterns of preâ€Columbian crop dispersion. New Phytologist, 2021, 229, 1768-1781.	7.3	25
16	Selection of Provenances to Adapt Tropical Pine Forestry to Climate Change on the Basis of Climate Analogs. Forests, 2013, 4, 155-178.	2.1	20
17	An Integrated Hypothesis on the Domestication of Bactris gasipaes. PLoS ONE, 2015, 10, e0144644.	2.5	18
18	Endemic wild potato (Solanum spp.) biodiversity status in Bolivia: Reasons for conservation concerns. Journal for Nature Conservation, 2014, 22, 113-131.	1.8	17

#	Article	IF	Citations
19	Diversity and conservation of traditional African vegetables: Priorities for action. Diversity and Distributions, 2021, 27, 216-232.	4.1	15
20	Adaptation of tropical and subtropical pine plantation forestry to climate change: Realignment of <i>Pinus patula</i> and <i>Pinus tecunumanii</i> genotypes to 2020 planting site climates. Scandinavian Journal of Forest Research, 2009, 24, 483-493.	1.4	13
21	Application of Molecular Markers in Spatial Analysis to Optimize In Situ Conservation of Plant Genetic Resources. , 2014, , 67-91.		12
22	Tree genetic resources at risk in South America: A spatial threat assessment to prioritize populations for conservation. Diversity and Distributions, 2018, 24, 718-729.	4.1	11
23	Development of a cost-effective diversity-maximising decision-support tool for in situ crop genetic resources conservation: The case of cacao. Ecological Economics, 2013, 96, 155-164.	5.7	8
24	Application of consensus theory to formalize expert evaluations of plant species distribution models. Applied Vegetation Science, 2014, 17, 528-542.	1.9	8
25	Bridging molecular genetics and participatory research: how access and benefitâ€sharing stimulate interdisciplinary research for tropical biology and conservation. Biotropica, 2018, 50, 178-186.	1.6	7
26	De novo SNP calling reveals the genetic differentiation and morphological divergence in genus <i>Amaranthus</i>. Plant Genome, 2022, 15, e20206.	2.8	7
27	Fruit and vegetable biodiversity for nutritionally diverse diets: Challenges, opportunities, and knowledge gaps. Global Food Security, 2022, 33, 100618.	8.1	6
28	Growing Environment and Heat Treatment Effects on Intra- and Interspecific Pollination in Chile Pepper (Capsicum spp.). Agronomy, 2021, 11, 1275.	3.0	2
29	A meta-analysis of molecular marker genetic datasets for eastern Africa trees supports the utility of potential natural vegetation maps for planning climate-smart restoration initiatives. Tree Genetics and Genomes, 2017, 13, 1.	1.6	1