

# Filip Vandeloos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9379598/publications.pdf>

Version: 2024-02-01

37  
papers

891  
citations

516710

16  
h-index

501196

28  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary dynamics and biogeography of <i>Musaceae</i> reveal a correlation between the diversification of the banana family and the geological and climatic history of Southeast Asia. <i>New Phytologist</i> , 2016, 210, 1453-1465.	7.3	103
2	Seed Dormancy and Germination of the European <i>Chaerophyllum temulum</i> (Apiaceae), a Member of a Trans-Atlantic Genus. <i>Annals of Botany</i> , 2007, 100, 233-239.	2.9	71
3	The seed germination spectrum of alpine plants: a global meta-analysis. <i>New Phytologist</i> , 2021, 229, 3573-3586.	7.3	66
4	Temperature Requirements for Seed Germination and Seedling Development Determine Timing of Seedling Emergence of Three Monocotyledonous Temperate Forest Spring Geophytes. <i>Annals of Botany</i> , 2008, 102, 865-875.	2.9	63
5	The use of open-top chambers in forests for evaluating warming effects on herbaceous understorey plants. <i>Ecological Research</i> , 2010, 25, 163-171.	1.5	61
6	Photoinhibition of seed germination: occurrence, ecology and phylogeny. <i>Seed Science Research</i> , 2017, 27, 131-153.	1.7	53
7	Relative embryo length as an adaptation to habitat and life cycle in Apiaceae. <i>New Phytologist</i> , 2012, 195, 479-487.	7.3	49
8	A large-scale species level dated angiosperm phylogeny for evolutionary and ecological analyses. <i>Biodiversity Data Journal</i> , 2020, 8, e39677.	0.8	47
9	Multiple environmental signals required for embryo growth and germination of seeds of <i>Selinum carvifolia</i> (L.) L. and <i>Angelica sylvestris</i> L. (Apiaceae). <i>Seed Science Research</i> , 2007, 17, 283-291.	1.7	30
10	Morphological and physiological dormancy in seeds of <i>Aegopodium podagraria</i> (Apiaceae) broken successively during cold stratification. <i>Seed Science Research</i> , 2009, 19, 115-123.	1.7	30
11	The role of temperature in post-dispersal embryo growth and dormancy break in seeds of <i>Aconitum lycoctonum</i> L. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2009, 204, 536-542.	1.2	29
12	Evolutionary ecology of fast seed germination—A case study in Amaranthaceae/Chenopodiaceae. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2017, 29, 1-11.	2.7	26
13	Climate shapes the seed germination niche of temperate flowering plants: a meta-analysis of European seed conservation data. <i>Annals of Botany</i> , 2022, 129, 775-786.	2.9	23
14	Century-long apparent decrease in intrinsic water-use efficiency with no evidence of progressive nutrient limitation in African tropical forests. <i>Global Change Biology</i> , 2020, 26, 4449-4461.	9.5	20
15	Conservation status assessment of banana crop wild relatives using species distribution modelling. <i>Diversity and Distributions</i> , 2021, 27, 729-746.	4.1	20
16	Seasonal dormancy cycles in the biennial <i>Torilis japonica</i> (Apiaceae), a species with morphophysiological dormancy. <i>Seed Science Research</i> , 2008, 18, 161-171.	1.7	19
17	Very fast germination: additional records and relationship to embryo size and phylogeny. <i>Seed Science Research</i> , 2014, 24, 159-163.	1.7	18
18	Ecological niche and phylogeny explain distribution of seed mass in the central European flora. <i>Oikos</i> , 2018, 127, 1410-1421.	2.7	17

#	ARTICLE	IF	CITATIONS
19	Challenges for Ex Situ Conservation of Wild Bananas: Seeds Collected in Papua New Guinea Have Variable Levels of Desiccation Tolerance. <i>Plants</i> , 2020, 9, 1243.	3.5	17
20	The role of seed traits in determining the phylogenetic structure of temperate plant communities. <i>Annals of Botany</i> , 2012, 110, 629-636.	2.9	16
21	Seed germination, hydrothermal time models and the effects of global warming on a threatened high Andean tree species. <i>Seed Science Research</i> , 2012, 22, 287-298.	1.7	14
22	Genetic diversity of wild and cultivated <i>Coffea canephora</i> in northeastern DR Congo and the implications for conservation. <i>American Journal of Botany</i> , 2021, 108, 2425-2434.	1.7	14
23	Correlated evolution of seed mass and genome size varies among life forms in flowering plants. <i>Seed Science Research</i> , 2022, 32, 46-52.	1.7	12
24	Photophobia in Lilioid monocots: photoinhibition of seed germination explained by seed traits, habitat adaptation and phylogenetic inertia. <i>Annals of Botany</i> , 2018, 121, 405-413.	2.9	11
25	Historical Aerial Surveys Map Long-Term Changes of Forest Cover and Structure in the Central Congo Basin. <i>Remote Sensing</i> , 2020, 12, 638.	4.0	11
26	Genetic diversity and structure of <i>Musa balbisiana</i> populations in Vietnam and its implications for the conservation of banana crop wild relatives. <i>PLoS ONE</i> , 2021, 16, e0253255.	2.5	11
27	Regulation of seed germination by diurnally alternating temperatures in disturbance-adapted banana crop wild relatives ( <i>Musa acuminata</i> ). <i>Seed Science Research</i> , 2020, 30, 238-248.	1.7	8
28	Evolution and ecology of seed internal morphology in relation to germination characteristics in <i>Amaranthaceae</i> . <i>Annals of Botany</i> , 2021, 127, 799-811.	2.9	7
29	Three phylogenetically distant shade-tolerant temperate forest herbs have similar seed germination syndromes. <i>Folia Geobotanica</i> , 2019, 54, 73-84.	0.9	6
30	Banana seed genetic resources for food security: Status, constraints, and future priorities. <i>Food and Energy Security</i> , 2022, 11, e345.	4.3	6
31	Diversity of <i>Fusarium</i> associated banana wilt in northern Viet Nam. <i>MycKeys</i> , 2022, 87, 53-76.	1.9	4
32	OUP accepted manuscript. , 2022, 10, coab099.		2
33	Phylogeography and conservation gaps of <i>Musa balbisiana</i> Colla genetic diversity revealed by microsatellite markers. <i>Genetic Resources and Crop Evolution</i> , 2022, 69, 2515-2534.	1.6	2
34	Germination ecology of <i>Sison amomum</i> ( <i>Apiaceae</i> ) at the northern edge of its distribution range on the European mainland. <i>Plant Ecology and Evolution</i> , 2011, 144, 321-326.	0.7	1
35	Using seminatural and simulated habitats for seed germination ecology of banana wild relatives. <i>Ecology and Evolution</i> , 2021, 11, 14644-14657.	1.9	1
36	<i>Hypseocharis</i> reveals early history of physical dormancy in <i>Geraniaceae</i> . <i>Seed Science Research</i> , 2017, 27, 39-42.	1.7	0

#	ARTICLE	IF	CITATIONS
37	Evidence of spontaneous selfing and disomic inheritance in <i>Geranium robertianum</i> . <i>Ecology and Evolution</i> , 2021, 11, 8640-8653.	1.9	0