John B Dickie

List of Publications by Year
in descending order

35	5,019	361413	377865
papers	citations	20 h-index	34 g-index

35	35	35	7541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The global spectrum of plant form and function. Nature, 2016, 529, 167-171.	27.8	2,022
2	A Brief History of Seed Size. Science, 2005, 307, 576-580.	12.6	513
3	Global patterns in seed size. Global Ecology and Biogeography, 2007, 16, 109-116.	5.8	334
4	Which is a better predictor of plant traits: temperature or precipitation?. Journal of Vegetation Science, 2014, 25, 1167-1180.	2.2	323
5	Ecological aspects of seed desiccation sensitivity. Journal of Ecology, 2003, 91, 294-304.	4.0	320
6	Factors that shape seed mass evolution. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10540-10544.	7.1	280
7	A research agenda for seedâ€trait functional ecology. New Phytologist, 2019, 221, 1764-1775.	7.3	218
8	Correlated evolution of genome size and seed mass. New Phytologist, 2007, 173, 422-437.	7.3	189
9	<scp>BHPMF</scp> â€“ a hierarchical <scp>B</scp>ayesian approach to gapâ€filling and trait prediction for macroecology and functional biogeography. Global Ecology and Biogeography, 2015, 24, 1510-1521.	5.8	132
10	Predicting the global incidence of seed desiccation sensitivity. Journal of Ecology, 2017, 105, 1082-1093.	4.0	119
11	Seed storage: maintaining seed viability and vigor for restoration use. Restoration Ecology, 2020, 28, S249.	2.9	71
12	Seed banking not an option for many threatened plants. Nature Plants, 2018, 4, 848-850.	9.3	62
13	SEEDLING SURVIVORSHIP IN NATURAL POPULATIONS OF NINE PERENNIAL CHALK GRASSLAND PLANTS. New Phytologist, 1981, 88, 555-558.	7.3	50
14	Estimating themissing species bias in plant trait measurements. Journal of Vegetation Science, 2015, 26, 828-838.	2.2	49
15	Tradeâ€off between seed dispersal in space and time. Ecology Letters, 2020, 23, 1635-1642.	6.4	46
16	Conserving orthodox seeds of globally threatened plants ex situ in the Millennium Seed Bank, Royal Botanic Gardens, Kew, UK: the status of seed collections. Biodiversity and Conservation, 2020, 29, 2901-2949.	2.6	39
17	Plant and fungal collections: Current status, future perspectives. Plants People Planet, 2020, 2, 499-514.	3.3	38
18	Taxonomic affinity, habitat and seed mass strongly predict seed desiccation response: a boosted regression trees analysis based on 17 539 species. Annals of Botany, 2018, 121, 71-83.	2.9	35

#	Article	IF	Citations
19	Making the case for plant diversity. Seed Science Research, 2011, 21, 1-4.	1.7	26
20	Plant Diversity Conservation Challenges and Prospectsâ€"The Perspective of Botanic Gardens and the Millennium Seed Bank. Plants, 2021, 10, 2371.	3.5	26
21	Challenges for Ex Situ Conservation of Wild Bananas: Seeds Collected in Papua New Guinea Have Variable Levels of Desiccation Tolerance. Plants, 2020, 9, 1243.	3.5	17
22	Maximizing the phylogenetic diversity of seed banks. Conservation Biology, 2015, 29, 370-381.	4.7	14
23	Seed Banks as Incidental Fungi Banks: Fungal Endophyte Diversity in Stored Seeds of Banana Wild Relatives. Frontiers in Microbiology, 2021, 12, 643731.	3.5	12
24	Correlated evolution of seed mass and genome size varies among life forms in flowering plants. Seed Science Research, 2022, 32, 46-52.	1.7	12
25	Karyosystematics of the Australasian stipoid grass Austrostipa and related genera: chromosome sizes, ploidy, chromosome base numbers and phylogeny. Australian Systematic Botany, 2015, 28, 145.	0.9	11
26	Ecological correlates of seed dormancy differ among dormancy types: a case study in the legumes. New Phytologist, 2018, 217, 477-479.	7.3	11
27	More on seed longevity phenotyping. Seed Science Research, 2022, 32, 144-149.	1.7	11
28	The ecology of seeds.â€¨ Fenner M, Thompson K. 2005. Cambridge: Cambridge University Press. Â£26 (softback) Â£55 (hardback) 260 pp.. Annals of Botany, 2006, 97, 151-152.	2.9	8
29	Regulation of seed germination by diurnally alternating temperatures in disturbance-adapted banana crop wild relatives (Musa acuminata). Seed Science Research, 2020, 30, 238-248.	1.7	8
30	Macroevolutionary patterns in seed component mass and different evolutionary trajectories across seed desiccation responses. New Phytologist, 2020, 228, 770-777.	7.3	7
31	Exploring seed longevity of UK native trees: implications for ex situ conservation. Seed Science Research, 2020, 30, 101-111.	1.7	6
32	Banana seed genetic resources for food security: Status, constraints, and future priorities. Food and Energy Security, 2022, 11, e345.	4.3	6
33	Managing Ex SituÂCollections of Wild Species' Seeds: Use ofÂBiodiversity Informatics in the Millennium Seed Bank to Address Challenges. Biodiversity Information Science and Standards, 0, 1, e20197.	0.0	2
34	The soil seed banks of North West Europe: methodology, density and longevityKen Thompson, Jan Bakker, RenÃ©e Bekker. 276 pp. Cambridge University PressCambridge, UK. 1997. ISBN 0-521-495-19-9 (hardback) Â£65. Seed Science Research, 1997, 7, 319-319.	1.7	1
35	Using seminatural and simulated habitats for seed germination ecology of banana wild relatives. Ecology and Evolution, 2021, 11, 14644-14657.	1.9	1