Ming Dong

List of Publications by Year
in descending order

67 papers	2,597 citations	172457 29 h-index	206112 48 g-index
67 all docs	67 docs citations	67 times ranked	2887 citing authors

#	Article	IF	Citations
1	Climate, soil and plant functional types as drivers of global fineâ€root trait variation. Journal of Ecology, 2017, 105, 1182-1196.	4.0	234
2	Invasive alien plants in China: role of clonality and geographical origin. Biological Invasions, 2006, 8, 1461-1470.	2.4	217
3	Coordinated variation in leaf and root traits across multiple spatial scales in Chinese semiâ€arid and arid ecosystems. New Phytologist, 2010, 188, 543-553.	7.3	213
4	Clonal integration helps Psammochloa villosa survive sand burial in an inland dune. New Phytologist, 2004, 162, 697-704.	7.3	132
5	Global to community scale differences in the prevalence of convergent over divergent leaf trait distributions in plant assemblages. Global Ecology and Biogeography, 2011, 20, 755-765.	5.8	106
6	Invasive alien plant species in China: regional distribution patterns. Diversity and Distributions, 2005, 11, 341-347.	4.1	103
7	Clonal integration enhances survival and performance of Potentilla anserina, suffering from partial sand burial on Ordos plateau, China. Evolutionary Ecology, 2001, 15, 303-318.	1.2	96
8	How internode length, position and presence of leaves affect survival and growth of Alternanthera philoxeroides after fragmentation?. Evolutionary Ecology, 2010, 24, 1447-1461.	1.2	78
9	Title is missing!. Plant Ecology, 1999, 141, 53-58.	1.6	76
10	Plant traits and ecosystem effects of clonality: a new research agenda. Annals of Botany, 2014, 114, 369-376.	2.9	76
11	Reciprocal and coincident patchiness of multiple resources differentially affect benefits of clonal integration in two perennial plants. Journal of Ecology, 2011, 99, 1202-1210.	4.0	58
12	Specific leaf area predicts dryland litter decomposition via two mechanisms. Journal of Ecology, 2018, 106, 218-229.	4.0	52
13	Effects of amount and frequency of precipitation and sand burial on seed germination, seedling emergence and survival of the dune grass Leymus secalinus in semiarid China. Plant and Soil, 2014, 374, 399-409.	3.7	47
14	Differential belowground allelopathic effects of leaf and root of Mikania micrantha. Trees - Structure and Function, 2009, 23, 11-17.	1.9	46
15	Factors influencing seed dormancy and germination in sand, and seedling survival under desiccation, of Psammochloa villosa (Poaceae), inhabiting the moving sand dunes of Ordos, China. Plant and Soil, 2004, 259, 231-241.	3.7	44
16	Cuscuta australis restrains three exotic invasive plants and benefits native species. Biological Invasions, 2011, 13, 747-756.	2.4	44
17	Herbaceous plant species invading natural areas tend to have stronger adaptive root foraging than other naturalized species. Frontiers in Plant Science, 2015, 6, 273.	3.6	43
18	Importance of clonal plants and plant species diversity in the Northeast China Transect. Ecological Research, 2002, 17, 705-716.	1.5	40

#	Article	IF	Citations
19	Clonal plants and plant species diversity in wetland ecosystems in China. Journal of Vegetation Science, 2002, 13, 237-244.	2.2	40
20	Effects of denudation and burial on growth and reproduction of Artemisia ordosica in Mu Us sandland. Ecological Research, 2010, 25, 655-661.	1.5	39
21	Termites amplify the effects of wood traits on decomposition rates among multiple bamboo and dicot woody species. Journal of Ecology, 2015, 103, 1214-1223.	4.0	38
22	Seedlings of the semi-shrub Artemisia ordosica are resistant to moderate wind denudation and sand burial in Mu Us sandland, China. Trees - Structure and Function, 2010, 24, 515-521.	1.9	37
23	Understanding the effects of a new grazing policy: the impact of seasonal grazing on shrub demography in the <scp>I</scp>nner <scp>M</scp>ongolian steppe. Journal of Applied Ecology, 2013, 50, 1377-1386.	4.0	37
24	Effects of biological soil crusts on profile distribution of soil water, organic carbon and total nitrogen in Mu Us Sandland, China. Journal of Plant Ecology, 2010, 3, 279-284.	2.3	35
25	Clonality-Climate Relationships along Latitudinal Gradient across China: Adaptation of Clonality to Environments. PLoS ONE, 2014, 9, e94009.	2.5	35
26	Native Cuscuta campestris restrains exotic Mikania micrantha and enhances soil resources beneficial to natives in the invaded communities. Biological Invasions, 2009, 11, 835-844.	2.4	34
27	Novel evidence for within-species leaf economics spectrum at multiple spatial scales. Frontiers in Plant Science, 2015, 6, 901.	3.6	34
28	Scale-dependent spatial heterogeneity of vegetation in Mu Us sandy land, a semi-arid area of China. Plant Ecology, 2002, 162, 135-142.	1.6	32
29	Are clonal plants more tolerant to grazing than co-occurring non-clonal plants in inland dunes?. Ecological Research, 2007, 22, 502-506.	1.5	31
30	Habitatâ€specific demography across dune fixation stages in a semiâ€arid sandland: understanding the expansion, stabilization and decline of a dominant shrub. Journal of Ecology, 2011, 99, 610-620.	4.0	28
31	Decomposition of 51 semidesert species from wide-ranging phylogeny is faster in standing and sand-buried than in surface leaf litters: implications for carbon and nutrient dynamics. Plant and Soil, 2015, 396, 175-187.	3.7	27
32	Phylogenetic Meta-Analysis of the Functional Traits of Clonal Plants Foraging in Changing Environments. PLoS ONE, 2014, 9, e107114.	2.5	27
33	Response of photosynthesis of different plant functional types to environmental changes along Northeast China Transect. Trees - Structure and Function, 1999, 14, 72.	1.9	26
34	Intraspecific variation of a desert shrub species in phenotypic plasticity in response to sand burial. New Phytologist, 2013, 199, 991-1000.	7.3	24
35	Clonal Plasticity in Response to Reciprocal Patchiness of Light and Nutrients in the Stoloniferous Herb Glechoma longituba L.. Journal of Integrative Plant Biology, 2006, 48, 400-408.	8.5	23
36	Functional traits drive the contribution of solar radiation to leaf litter decomposition among multiple arid-zone species. Scientific Reports, 2015, 5, 13217.	3.3	21

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37	Plant invasiveness is not linked to the capacity of regeneration from small fragments: an experimental test with 39 stoloniferous species. Biological Invasions, 2013, 15, 1367-1376.	2.4	19
38	Leaf and root nutrient concentrations and stoichiometry along aridity and soil fertility gradients. Journal of Vegetation Science, 2019, 30, 291-300.	2.2	18
39	Understanding the ecosystem implications of the angiosperm rise to dominance: leaf litter decomposability among magnoliids and other basal angiosperms. Journal of Ecology, 2014, 102, 337-344.	4.0	17
40	Ecological consequences of plant clonality. Annals of Botany, 2014, 114, 367-367.	2.9	17
41	Responses of caryopsis germination, early seedling growth and ramet clonal growth of Bromus inermis to soil salinity. Plant and Soil, 2009, 316, 265-275.	3.7	16
42	Larger phylogenetic distances in litter mixtures: lower microbial biomass and higher C/N ratios but equal mass loss. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150103.	2.6	16
43	Experimental evidence that the O rnsteinâ€•U hlenbeck model best describes the evolution of leaf litter decomposability. Ecology and Evolution, 2014, 4, 3339-3349.	1.9	15
44	Is there coordination of leaf and fine root traits at local scales? A test in temperate forest swamps. Ecology and Evolution, 2019, 9, 8714-8723.	1.9	15
45	Plasticity in fitness and fitness-related traits at ramet and genet levels in a tillering grass Panicum miliaceum under patchy soil nutrients. Plant Ecology, 2004, 172, 1-10.	1.6	14
46	Differential effects of clonal integration on performance in the stoloniferous herb Duchesnea indica, as growing at two sites with different altitude. Plant Ecology, 2006, 183, 147-156.	1.6	14
47	Fine-scale clonal structure and diversity of invasive plant Mikania micrantha H.B.K. and its plant parasite Cuscuta campestris Yunker. Biological Invasions, 2009, 11, 687-695.	2.4	13
48	How interacting fungal species and mineral nitrogen inputs affect transfer of nitrogen from litter via arbuscular mycorrhizal mycelium. Environmental Science and Pollution Research, 2017, 24, 9791-9801.	5.3	13
49	Inter-ramet water translocation in natural clones of the rhizomatous shrub, Hedysarum laeve, in a semi-arid area of China. Trees - Structure and Function, 2003, 17, 109-116.	1.9	12
50	Mobile dune fixation by a fast-growing clonal plant: a full life-cycle analysis. Scientific Reports, 2015, 5, 8935.	3.3	12
51	Intraspecific Variation of Samara Dispersal Traits in the Endangered Tropical Tree Hopea hainanensis (Dipterocarpaceae). Frontiers in Plant Science, 2020, 11, 599764.	3.6	12
52	Potential distribution of the extremely endangered species Ostrya rehderiana (Betulaceae) in China under future climate change. Environmental Science and Pollution Research, 2022, 29, 7782-7792.	5.3	10
53	Variation in plant diversity and dominance across dune fixation stages in the Chinese steppe zone. Journal of Plant Ecology, 2012, 5, 313-319.	2.3	9
54	Plant Interactions with Changes in Coverage of Biological Soil Crusts and Water Regime in Mu Us Sandland, China. PLoS ONE, 2014, 9, e87713.	2.5	8

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55	Impact of land-use on carbon storage as dependent on soil texture: Evidence from a desertified dryland using repeated paired sampling design. Journal of Environmental Management, 2015, 150, 489-498.	7.8	8
56	Differential plant species responses to interactions of sand burial, precipitation enhancement and climatic variation promote coâ€existence in Chinese steppe vegetation. Journal of Vegetation Science, 2017, 28, 139-148.	2.2	8
57	Responses of community structure and diversity to nitrogen deposition and rainfall addition in contrasting steppes are ecosystem-dependent and dwarfed by year-to-year community dynamics. Annals of Botany, 2019, 124, 461-469.	2.9	8
58	Restraints onMikania micranthabyCuscuta campestrisfacilitates restoration of the disturbed ecosystems. Biodiversity, 2009, 10, 72-78.	1.1	7
59	Nutrient enhancement of allelopathic effects of exotic invasive on native plant species. PLoS ONE, 2019, 14, e0206165.	2.5	7
60	Abundance-weighted plant functional trait variation differs between terrestrial and wetland habitats along wide climatic gradients. Science China Life Sciences, 2021, 64, 593-605.	4.9	7
61	Nutrient effects on aquatic litter decomposition of free-floating plants are species dependent. Global Ecology and Conservation, 2021, 30, e01748.	2.1	6
62	Responses of Caryopsis Germination, Seedling Emergence, and Development to Sand Water Content of Agropyron cristatum (L.) Gaertn. and Bromus inermis Leyss. Journal of Integrative Plant Biology, 2005, 47, 1450-1458.	8.5	5
63	Riparian leaf litter decomposition on pond bottom after a retention on floating vegetation. Ecology and Evolution, 2019, 9, 9376-9384.	1.9	5
64	Association of leaf silicon content with chronic wind exposure across and within herbaceous plant species. Global Ecology and Biogeography, 2020, 29, 711-721.	5.8	5
65	Pond-bottom decomposition of leaf litters canopied by free-floating vegetation. Environmental Science and Pollution Research, 2019, 26, 8248-8256.	5.3	3
66	Contrasting nitrogen cycling between herbaceous wetland and terrestrial ecosystems inferred from plant and soil nitrogen isotopes across China. Journal of Ecology, 2022, 110, 1259-1270.	4.0	3
67	Responses of Hedysarum Laeve, a guerrilla clonal semi-shrub in the Mu Us sandland, to local sand burial. Frontiers of Biology in China: Selected Publications From Chinese Universities, 2007, 2, 431-436.	0.2	2