Masae Shiyomi

List of Publications by Year
in descending order

20 papers	365 citations	933447 10 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	346 citing authors

#	Article	IF	Citations
1	Spatial heterogeneity of vegetation under different grazing intensities in the Northwest Heilongjiang Steppe of China. Agriculture, Ecosystems and Environment, 2002, 90, 217-229.	5.3	51
2	Frequency distribution models for spatial patterns of vegetation abundance. Ecological Modelling, 2008, 211, 403-410.	2.5	46
3	Small-scale species richness and its spatial variation in an alpine meadow on the Qinghai-Tibet Plateau. Ecological Research, 2008, 23, 657-663.	1.5	34
4	Grazing enhances species diversity in grassland communities. Scientific Reports, 2019, 9, 11201.	3.3	34
5	Spatial pattern changes in aboveground plant biomass in a grazing pasture. Ecological Research, 1998, 13, 313-322.	1.5	31
6	A measure for spatial heterogeneity of a grassland vegetation based on the beta-binomial distribution. Journal of Vegetation Science, 2000, 11, 627-632.	2.2	29
7	Spatial heterogeneity in a grassland community: Use of power law. Ecological Research, 2001, 16, 487-495.	1.5	28
8	Distribution model and spatial variation of cover in grassland vegetation. Grassland Science, 2006, 52, 167-173.	1.1	27
9	Analysis of Grassland Vegetation of the Southwest Heilongjiang Steppe (China) Using the Power Law. Journal of Integrative Plant Biology, 2005, 47, 917-926.	8.5	16
10	Forty-eight-year climatology of air temperature and precipitation changes in Xilinhot, Xilingol steppe (Inner Mongolia), China. Grassland Science, 2011, 57, 168-172.	1.1	15
11	Long-term prediction of grassland production for five temporal patterns of precipitation during the growing season of plants based on a system model in Xilingol, Inner Mongolia, China. Ecological Modelling, 2014, 291, 183-192.	2.5	10
12	Vegetation and its spatial pattern analysis on salinized grasslands in the semiarid Inner Mongolia steppe. Grassland Science, 2015, 61, 121-130.	1.1	9
13	Spatial pattern model of herbaceous plant mass at species level. Ecological Informatics, 2014, 24, 124-131.	5.2	8
14	A power law model for analyzing spatial patterns of vegetation abundance in terms of cover, biomass, density, and occurrence: derivation of a common rule. Journal of Plant Research, 2019, 132, 481-497.	2.4	8
15	Livestock-exclusion duration required for restoring grassland in semiarid, loess region in China: Estimate based on species composition measured from small-scale vegetation patterns. Ecological Research, 2021, 36, 161-176.	1.5	6
16	Spatial heterogeneity in species richness and species composition. Grassland Science, 2010, 56, 153-159.	1.1	5
17	Quantitative evaluation of species composition dissimilarity within a community and among communities. Ecological Research, 2021, 36, 152-160.	1.5	4
18	Evaluating the adaptability of herbage species to environmental variation through a long-term grazing experiment. Grassland Science, 2005, 51, 287-295.	1.1	3

#	Article	IF	Citations
19	A Similarity Measure for Comparing Different Classifications by Using Information Theory. Japanese Journal of Applied Entomology and Zoology, 1977, 21, 123-129.	0.1	1
20	Seasonal differences in the adaptability of herbage species to environmental variations in a long-term grazing experiment. Grassland Science, 2007, 53, 19-25.	1.1	0