

Dong-Mei Jie

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

248
citations

1040056

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docs citations

25
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Records of East Asian monsoon activities in Northeastern China since 15.6 ka, based on grain size analysis of peaty sediments in the Changbai Mountains. <i>Quaternary International</i> , 2017, 447, 158-169.	1.5	51
2	Reliability of phytoliths for reconstructing vegetation dynamics in northern temperate forest regions: A case study in northeast China. <i>Quaternary Science Reviews</i> , 2018, 201, 1-12.	3.0	29
3	Do soil phytoliths accurately represent plant communities in a temperate region? A case study of Northeast China. <i>Vegetation History and Archaeobotany</i> , 2018, 27, 753-765.	2.1	21
4	Phytolith characteristics and preservation in trees from coniferous and broad-leaved mixed forest in an eastern mountainous area of Northeast China. <i>Review of Palaeobotany and Palynology</i> , 2018, 255, 43-56.	1.5	18
5	Phytolith reference study for identifying vegetation changes in the forest-grassland region of northeast China. <i>Boreas</i> , 2018, 47, 481-497.	2.4	15
6	Linking Holocene East Asian monsoon variability to solar forcing and ENSO activity: Multi-proxy evidence from a peatland in Northeastern China. <i>Holocene</i> , 2021, 31, 966-982.	1.7	15
7	Translocation of Phytoliths Within Natural Soil Profiles in Northeast China. <i>Frontiers in Plant Science</i> , 2019, 10, 1254.	3.6	14
8	Assessment and calibration of representational bias in soil phytolith assemblages in Northeast China and its implications for paleovegetation reconstruction. <i>Quaternary Research</i> , 2018, 90, 38-49.	1.7	11
9	Diatom evidence for mid-Holocene peatland water-table variations and their possible link to solar forcing. <i>Science of the Total Environment</i> , 2020, 725, 138272.	8.0	10
10	Phytolith evidence for early agriculture in the East Liao River Basin, Northeast China. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	1.8	9
11	Quantifying the carbon content of aeolian sediments: Which method should we use?. <i>Catena</i> , 2020, 185, 104276.	5.0	8
12	Application of soil phytoliths to the quantitative characterization of temperate grassland ecosystems: a case study in Northeast China. <i>Plant and Soil</i> , 2021, 459, 329-342.	3.7	8
13	Fire history and its drivers based on peatland charcoal analysis in the Changbai Mountains, north-east China, during the last 13,000 years. <i>International Journal of Wildland Fire</i> , 2020, 29, 841.	2.4	5
14	Assessing modern arboreal phytolith sensitivity to vegetation variations in temperate forest regions. <i>Boreas</i> , 2019, 48, 731-745.	2.4	4
15	Translocation and preservation of soil phytoliths in temperate regions and its implications for palaeoenvironment reconstruction. <i>Catena</i> , 2020, 195, 104868.	5.0	4
16	An evaluation of soil phytoliths for reconstructing plant communities and palaeoclimate in the northern temperate region. <i>European Journal of Soil Science</i> , 2021, 72, 900-917.	3.9	4
17	Aeolian soils on the eastern side of the Horqin Sandy Land, China: A provenance and sedimentary environment reconstruction perspective. <i>Catena</i> , 2022, 210, 105945.	5.0	4
18	Application of a topsoil phytolith dataset to quantitative paleoclimate reconstruction in Northeast China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 601, 111108.	2.3	4

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19	Responses of phytolith in guinea grass (<i>Leymus chinensis</i>) leaves to simulated warming, nitrogen deposition and elevated CO ₂ concentration in Songnen grassland, Northeast China. <i>Chinese Geographical Science</i> , 2015, 25, 404-413.	3.0	3
20	An orthogonal experimental study of phytolith size of <i>Phragmites communis</i> in northeast China. <i>Boreas</i> , 2016, 45, 122-132.	2.4	3
21	Spatial and Temporal Distribution Differences Among Phytoliths of <i>Phragmites Communis</i> in Northeast China. <i>Silicon</i> , 2017, 9, 593-602.	3.3	3
22	Preservation of common soil phytoliths in the northern temperate region: a case study from northeast China. <i>Boreas</i> , 2020, 49, 751-768.	2.4	3
23	Phytolith and simulation evidence for precipitation-modulated vegetation dynamics along the East Asian monsoon margin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 590, 110842.	2.3	2
24	Phytolith transport and its influence factor in different soil types in northern temperate region. <i>Quaternary International</i> , 2021, 599-600, 170-183.	1.5	0
25	Responses of phytoliths in topsoil samples to temperature variation in temperate region. <i>Chinese Journal of Applied Ecology</i> , 2021, 32, 467-476.	0.3	0