

Fang Tian

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Pollen-Based Quantitative Reconstruction of Holocene Climate Changes in the Daihai Lake Area, Inner Mongolia, China. <i>Journal of Climate</i> , 2010, 23, 2856-2868. | 3.2 | 185 |
| 2 | Position and orientation of the westerly jet determined Holocene rainfall patterns in China. <i>Nature Communications</i> , 2019, 10, 2376. | 12.8 | 112 |
| 3 | Pollen source areas of lakes with inflowing rivers: modern pollen influx data from Lake Baiyangdian, China. <i>Quaternary Science Reviews</i> , 2012, 37, 81-91. | 3.0 | 61 |
| 4 | Impacts of the spatial extent of pollen-climate calibration-set on the absolute values, range and trends of reconstructed Holocene precipitation. <i>Quaternary Science Reviews</i> , 2017, 178, 37-53. | 3.0 | 60 |
| 5 | Environmental variability in the monsoon-westerlies transition zone during the last 1200 years: lake sediment analyses from central Mongolia and supra-regional synthesis. <i>Quaternary Science Reviews</i> , 2013, 73, 31-47. | 3.0 | 56 |
| 6 | Relative pollen productivities of typical steppe species in northern China and their potential in past vegetation reconstruction. <i>Science China Earth Sciences</i> , 2014, 57, 1254-1266. | 5.2 | 56 |
| 7 | Holocene climate change and human impacts implied from the pollen records in Anyang, central China. <i>Quaternary International</i> , 2010, 227, 3-9. | 1.5 | 47 |
| 8 | Pollen-based quantitative land-cover reconstruction for northern Asia covering the last 40 ka BP. <i>Climate of the Past</i> , 2019, 15, 1503-1536. | 3.4 | 46 |
| 9 | Pollen assemblages of tauber traps and surface soil samples in steppe areas of China and their relationships with vegetation and climate. <i>Review of Palaeobotany and Palynology</i> , 2009, 153, 86-101. | 1.5 | 45 |
| 10 | A modern pollen-climate calibration set from central-western Mongolia and its application to a late glacial-Holocene record. <i>Journal of Biogeography</i> , 2014, 41, 1909-1922. | 3.0 | 45 |
| 11 | Quantitative woody cover reconstructions from eastern continental Asia of the last 22 kyr reveal strong regional peculiarities. <i>Quaternary Science Reviews</i> , 2016, 137, 33-44. | 3.0 | 39 |
| 12 | Human activities have reduced plant diversity in eastern China over the last two millennia. <i>Global Change Biology</i> , 2022, 28, 4962-4976. | 9.5 | 36 |
| 13 | Lake surface sediment pollen dataset for the alpine meadow vegetation type from the eastern Tibetan Plateau and its potential in past climate reconstructions. <i>Earth System Science Data</i> , 2021, 13, 3525-3537. | 9.9 | 32 |
| 14 | What drives the recent intensified vegetation degradation in Mongolia - Climate change or human activity?. <i>Holocene</i> , 2014, 24, 1206-1215. | 1.7 | 30 |
| 15 | Biome changes and their inferred climatic drivers in northern and eastern continental Asia at selected times since 40 ka bp. <i>Vegetation History and Archaeobotany</i> , 2018, 27, 365-379. | 2.1 | 28 |
| 16 | Pollen assemblages from different agricultural units and their spatial distribution in Anyang area. <i>Science Bulletin</i> , 2010, 55, 544-554. | 1.7 | 17 |
| 17 | A taxonomically harmonized and temporally standardized fossil pollen dataset from Siberia covering the last 40 kyr. <i>Earth System Science Data</i> , 2020, 12, 119-135. | 9.9 | 15 |
| 18 | Improving the quality of pollen-climate calibration-sets is the primary step for ensuring reliable climate reconstructions. <i>Science Bulletin</i> , 2018, 63, 1317-1318. | 9.0 | 14 |

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|----|--|-----|-----------|
| 19 | Pollen assemblage characteristics of lakes in the monsoon fringe area of China. <i>Science Bulletin</i> , 2008, 53, 3354-3363. | 9.0 | 13 |
| 20 | Wet mid- to late Holocene in central Asia supported prehistoric intercontinental cultural communication: Clues from pollen data. <i>Catena</i> , 2022, 209, 105852. | 5.0 | 13 |
| 21 | Representation of modern pollen assemblage to vertical variations of vegetation and climate in the Yadong area, eastern Himalaya. <i>Quaternary International</i> , 2020, 536, 45-51. | 1.5 | 10 |
| 22 | Spatial homogenization of soil-surface pollen assemblages improves the reliability of pollen-climate calibration-set. <i>Science China Earth Sciences</i> , 2020, 63, 1758-1766. | 5.2 | 6 |
| 23 | Palynological evidence for the temporal stability of the plant community in the Yellow River Source Area over the last 7,400 years. <i>Vegetation History and Archaeobotany</i> , 2022, 31, 549-558. | 2.1 | 6 |
| 24 | Influence of plant coverage and environmental variables on pollen productivities: evidence from northern China. <i>Frontiers of Earth Science</i> , 2020, 14, 789-802. | 2.1 | 0 |