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Abbreviations

CIA: Chemical Index of Alteration

CLP: Chinese Loess Plateau

EQM: Eastern Qinling Mountains

LYR: Lower Yangtze River region

MAP: Mean Annual Precipitation

MAT: Mean Annual Temperature

NEC: Northeast China

OSL: Optically Stimulated Luminescence

PAR: Pollen Accumulation Rate

PCA: Principal Components Analysis

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