

Chenglong Deng

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178
papers

4,549
citations

35
h-index

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g-index

182
ext. papers

5,441
ext. citations

4.1
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5.47
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 178 | Temperature dependence of magnetic susceptibility in an argon environment: implications for pedogenesis of Chinese loess/palaeosols. <i>Geophysical Journal International</i> , 2005 , 161, 102-112 | 2.6 | 239 |
| 177 | Review of recent developments in mineral magnetism of the Chinese loess. <i>Quaternary Science Reviews</i> , 2007 , 26, 368-385 | 3.9 | 208 |
| 176 | Variability of the temperature-dependent susceptibility of the Holocene eolian deposits in the Chinese loess plateau: A pedogenesis indicator. <i>Physics and Chemistry of the Earth</i> , 2001 , 26, 873-878 | | 138 |
| 175 | Mineral magnetic properties of loess/paleosol couplets of the central loess plateau of China over the last 1.2 Myr. <i>Journal of Geophysical Research</i> , 2004 , 109, | | 134 |
| 174 | Mineral magnetic variation of the Jiaodao Chinese loess/paleosol sequence and its bearing on long-term climatic variability. <i>Journal of Geophysical Research</i> , 2005 , 110, | | 132 |
| 173 | Mineral magnetic variation of the Jingbian loess/paleosol sequence in the northern Loess Plateau of China: Implications for Quaternary development of Asian aridification and cooling. <i>Earth and Planetary Science Letters</i> , 2006 , 241, 248-259 | 5.3 | 130 |
| 172 | Quantifying grain size distribution of pedogenic magnetic particles in Chinese loess and its significance for pedogenesis. <i>Journal of Geophysical Research</i> , 2005 , 110, | | 117 |
| 171 | Paleoclimatic significance of the temperature-dependent susceptibility of Holocene Loess along a NW-SE transect in the Chinese Loess Plateau. <i>Geophysical Research Letters</i> , 2000 , 27, 3715-3718 | 4.9 | 116 |
| 170 | Evidence for enhanced aridity in the Tarim Basin of China since 5.3Ma. <i>Quaternary Science Reviews</i> , 2008 , 27, 1012-1023 | 3.9 | 98 |
| 169 | Chronology of the terrestrial Upper Cretaceous in the Songliao Basin, northeast Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013 , 385, 44-54 | 2.9 | 92 |
| 168 | Paleomagnetic constraints on the Mesozoic-Cenozoic paleolatitudinal and rotational history of Indochina and South China: Review and updated kinematic reconstruction. <i>Earth-Science Reviews</i> , 2017 , 171, 58-77 | 10.2 | 81 |
| 167 | Magnetic mineral dissolution in Pleistocene fluvio-lacustrine sediments, Nihewan Basin (North China). <i>Earth and Planetary Science Letters</i> , 2010 , 292, 191-200 | 5.3 | 78 |
| 166 | Timing of the Nihewan formation and faunas. <i>Quaternary Research</i> , 2008 , 69, 77-90 | 1.9 | 74 |
| 165 | Magnetostratigraphic dating of the Donggutuo and Maliang Paleolithic sites in the Nihewan Basin, North China. <i>Quaternary Research</i> , 2005 , 64, 1-11 | 1.9 | 71 |
| 164 | Uplift, climate and biotic changes at the Eocene-Oligocene transition in south-eastern Tibet. <i>National Science Review</i> , 2019 , 6, 495-504 | 10.8 | 69 |
| 163 | Mechanism of the magnetic susceptibility enhancements of the Chinese loess. <i>Journal of Geophysical Research</i> , 2004 , 109, | | 67 |
| 162 | Magnetostratigraphy of the Dali Basin in Yunnan and implications for late Neogene rotation of the southeast margin of the Tibetan Plateau. <i>Journal of Geophysical Research: Solid Earth</i> , 2013 , 118, 791-807 | 2.6 | 65 |

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| 161 | SIMS U-Pb zircon age of a tuff layer in the Meishucun section, Yunnan, southwest China: Constraint on the age of the Precambrian-Cambrian boundary. <i>Science in China Series D: Earth Sciences</i> , 2009 , 52, 1385-1392 | | 64 |
| 160 | Magnetostratigraphic age of the Xiantai Paleolithic site in the Nihewan Basin and implications for early human colonization of Northeast Asia. <i>Earth and Planetary Science Letters</i> , 2006 , 244, 336-348 | 5.3 | 61 |
| 159 | Grain size distribution of pedogenic magnetic particles in Chinese loess/paleosols. <i>Geophysical Research Letters</i> , 2004 , 31, | 4.9 | 61 |
| 158 | Toward age determination of the termination of the Cretaceous Normal Superchron. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a | 3.6 | 55 |
| 157 | Inter-profile correlation of the Chinese loess/paleosol sequences during Marine Oxygen Isotope Stage 5 and indications of pedogenesis. <i>Quaternary Science Reviews</i> , 2005 , 24, 195-210 | 3.9 | 55 |
| 156 | A newly discovered Gigantopithecus fauna from Sanhe Cave, Chongzuo, Guangxi, South China. <i>Science Bulletin</i> , 2009 , 54, 788-797 | 10.6 | 54 |
| 155 | The earliest evidence of hominid settlement in China: Combined electron spin resonance and uranium series (ESR/U-series) dating of mammalian fossil teeth from Longgupo cave. <i>Quaternary International</i> , 2017 , 434, 75-83 | 2 | 52 |
| 154 | Chronological sequence of the early Pleistocene Gigantopithecus faunas from cave sites in the Chongzuo, Zuojiang River area, South China. <i>Quaternary International</i> , 2014 , 354, 4-14 | 2 | 50 |
| 153 | New insights into partial oxidation model of magnetites and thermal alteration of magnetic mineralogy of the Chinese loess in air. <i>Geophysical Journal International</i> , 2004 , 158, 506-514 | 2.6 | 46 |
| 152 | Magnetism of intermediate hydromaghemite in the transformation of 2-line ferrihydrite into hematite and its paleoenvironmental implications. <i>Journal of Geophysical Research</i> , 2008 , 113, | | 43 |
| 151 | Palaeclimatic significance of the Xiantai fluvio-lacustrine sequence in the Nihewan Basin (North China), based on rock magnetic properties and clay mineralogy. <i>Geophysical Journal International</i> , 2009 , 177, 913-924 | 2.6 | 42 |
| 150 | Juvenile hominoid cranium from the terminal Miocene of Yunnan, China. <i>Science Bulletin</i> , 2013 , 58, 3771-3779 | | 41 |
| 149 | Grain sizes of susceptibility and anhysteretic remanent magnetization carriers in Chinese loess/paleosol sequences. <i>Journal of Geophysical Research</i> , 2004 , 109, | | 40 |
| 148 | Archaeointensity results spanning the past 6 kiloyears from eastern China and implications for extreme behaviors of the geomagnetic field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 39-44 | 11.5 | 39 |
| 147 | Magnetostratigraphy of the Xiaolongtan Formation bearing Lufengpithecus keiyuanensis in Yunnan, southwestern China: Constraint on the initiation time of the southern segment of the Xianshuihe-Xiaojiang fault. <i>Tectonophysics</i> , 2015 , 655, 213-226 | 3.1 | 38 |
| 146 | A reconstruction of late Pleistocene relative sea level in the south Bohai Sea, China, based on sediment grain-size analysis. <i>Sedimentary Geology</i> , 2012 , 281, 88-100 | 2.8 | 38 |
| 145 | Quaternary integrative stratigraphy and timescale of China. <i>Science China Earth Sciences</i> , 2019 , 62, 324-348 | | 37 |
| 144 | Reduced efficiency of magnetotaxis in magnetotactic coccoid bacteria in higher than geomagnetic fields. <i>Biophysical Journal</i> , 2009 , 97, 986-91 | 2.9 | 37 |

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| 143 | Paleomagnetic dating of the Cenjiawan Paleolithic site in the Nihewan Basin, northern China. <i>Science in China Series D: Earth Sciences</i> , 2006 , 49, 295-303 | | 35 |
| 142 | Magnetostratigraphy and luminescence dating on a sedimentary sequence from northern East China Sea: Constraints on evolutionary history of eastern marginal seas of China since the Early Pleistocene. <i>Quaternary International</i> , 2014 , 349, 316-326 | 2 | 34 |
| 141 | Magnetostratigraphy of the Feiliang Paleolithic site in the Nihewan Basin and implications for early human adaptability to high northern latitudes in East Asia. <i>Geophysical Research Letters</i> , 2007 , 34, | 4.9 | 34 |
| 140 | Magnetostratigraphic dating of the Xiashagou Fauna and implication for sequencing the mammalian faunas in the Nihewan Basin, North China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012 , 315-316, 75-85 | 2.9 | 33 |
| 139 | Are Chinese loess deposits essentially continuous?. <i>Geophysical Research Letters</i> , 2007 , 34, | 4.9 | 33 |
| 138 | Magnetostratigraphic sequence of the Early Pleistocene Gigantopithecus faunas in Chongzuo, Guangxi, southern China. <i>Quaternary International</i> , 2014 , 354, 15-23 | 2 | 32 |
| 137 | Geomagnetic intensity variations for the past 8 kyr: New archaeointensity results from Eastern China. <i>Earth and Planetary Science Letters</i> , 2014 , 392, 217-229 | 5.3 | 30 |
| 136 | Does pulsed Tibetan deformation correlate with Indian plate motion changes?. <i>Earth and Planetary Science Letters</i> , 2020 , 536, 116144 | 5.3 | 29 |
| 135 | Magnetostratigraphy of the Xihe loess-soil sequence and implication for late Neogene deformation of the West Qinling Mountains. <i>Geophysical Journal International</i> , 2012 , 189, 1399-1408 | 2.6 | 29 |
| 134 | Magnetostratigraphic dating of the Huojiadi Paleolithic site in the Nihewan Basin, North China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010 , 298, 399-408 | 2.9 | 29 |
| 133 | Mineral magnetic studies of the vermiculated red soils in southeast China and their paleoclimatic significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012 , 329-330, 173-183 | 2.9 | 28 |
| 132 | Paleomagnetic and mineral magnetic investigation of the Baicaoyuan loess-paleosol sequence of the western Chinese Loess Plateau over the last glacial-interglacial cycle and its geological implications. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a | 3.6 | 28 |
| 131 | The different climatic response of pedogenic hematite and ferrimagnetic minerals: Evidence from particle-sized modern soils over the Chinese Loess Plateau. <i>Quaternary Science Reviews</i> , 2018 , 179, 69-86 | 3.9 | 28 |
| 130 | Insolation driven biomagnetic response to the Holocene Warm Period in semi-arid East Asia. <i>Scientific Reports</i> , 2015 , 5, 8001 | 4.9 | 27 |
| 129 | Paleo-megalake termination in the Quaternary: Paleomagnetic and water-level evidence from south Bohai Sea, China. <i>Sedimentary Geology</i> , 2015 , 319, 1-12 | 2.8 | 27 |
| 128 | Evolution of vegetation and climate variability on the Tibetan Plateau over the past 1.74 million years. <i>Science Advances</i> , 2020 , 6, eaay6193 | 14.3 | 26 |
| 127 | Lake geochemistry reveals marked environmental change in Southwest China during the Mid Miocene Climatic Optimum. <i>Science Bulletin</i> , 2016 , 61, 897-910 | 10.6 | 26 |
| 126 | ESR, U-series and paleomagnetic dating of Gigantopithecus fauna from Chuifeng Cave, Guangxi, southern China. <i>Quaternary Research</i> , 2014 , 82, 270-280 | 1.9 | 26 |

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| 125 | The site of Shuitangba (Yunnan, China) preserves a unique, terminal Miocene fauna. <i>Journal of Vertebrate Paleontology</i> , 2014 , 34, 1251-1257 | 1.7 | 25 |
| 124 | The use of fire at Zhoukoudian: evidence from magnetic susceptibility and color measurements. <i>Science Bulletin</i> , 2014 , 59, 1013-1020 | | 25 |
| 123 | Pleistocene environmental evolution in the Nihewan Basin and implication for early human colonization of North China. <i>Quaternary International</i> , 2010 , 223-224, 472-478 | 2 | 25 |
| 122 | Mineral magnetic investigation of the Taledo loess-palaeosol sequence since the last interglacial in the Yili Basin in the Asian interior. <i>Geophysical Journal International</i> , 2012 , 190, 267-277 | 2.6 | 24 |
| 121 | No apparent lock-in depth of the Laschamp geomagnetic excursion: Evidence from the Malan loess. <i>Science in China Series D: Earth Sciences</i> , 2006 , 49, 960-967 | | 24 |
| 120 | Identifying the origin of the magnetic directional anomalies recorded in the Datong loess profile, northeastern Chinese loess plateau. <i>Geophysical Journal International</i> , 2006 , 164, 312-318 | 2.6 | 24 |
| 119 | ????????????????????U-Pb?: ??????????????. <i>Chinese Science Bulletin</i> , 2013 , 58, 1346-1353 | 2.9 | 24 |
| 118 | Plio-Pleistocene evolution of Bohai Basin (East Asia): demise of Bohai Paleolake and transition to marine environment. <i>Scientific Reports</i> , 2016 , 6, 29403 | 4.9 | 24 |
| 117 | Nature of remagnetization of Lower Triassic red beds in southwestern China. <i>Geophysical Journal International</i> , 2011 , 187, 1237-1249 | 2.6 | 23 |
| 116 | Magnetostratigraphic dating of hominoid-bearing sediments at Zhupeng, Yuanmou Basin, southwestern China. <i>Earth and Planetary Science Letters</i> , 2005 , 236, 559-568 | 5.3 | 23 |
| 115 | The first Sinomastodon (Gomphotheriidae, Proboscidea) skull from the Quaternary in China. <i>Science Bulletin</i> , 2012 , 57, 4726-4734 | | 22 |
| 114 | Paleomagnetic Constraints From the Baoshan Area on the Deformation of the Qiangtang-Sibumasu Terrane Around the Eastern Himalayan Syntaxis. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 977-997 | 3.6 | 22 |
| 113 | Holocene paleomagnetic secular variation from East China Sea and a PSV stack of East Asia. <i>Physics of the Earth and Planetary Interiors</i> , 2014 , 236, 69-78 | 2.3 | 21 |
| 112 | Magnetostratigraphy of the Qiliting section (SE China) and its implication for geochronology of the red soil sequences in southern China. <i>Geophysical Journal International</i> , 2008 , 174, 107-117 | 2.6 | 21 |
| 111 | $^{40}\text{Ar}/^{39}\text{Ar}$ age of the onset of high-Ti phase of the Emeishan volcanism strengthens the link with the end-Guadalupian mass extinction. <i>International Geology Review</i> , 2018 , 60, 1906-1917 | 2.3 | 21 |
| 110 | Pollen evidence of the palaeoenvironments of <i>Lufengpithecus lufengensis</i> in the Zhaotong Basin, southeastern margin of the Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 435, 95-104 | 2.9 | 20 |
| 109 | New $^{40}\text{Ar}/^{39}\text{Ar}$ dating results from the Shanwang Basin, eastern China: Constraints on the age of the Shanwang Formation and associated biota. <i>Physics of the Earth and Planetary Interiors</i> , 2011 , 187, 66-75 | 2.3 | 20 |
| 108 | Astronomical dating of the Xiantai, Donggutuo and Maliang Paleolithic sites in the Nihewan Basin (North China) and implications for early human evolution in East Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010 , 297, 129-137 | 2.9 | 20 |

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| 107 | A comparative study of magnetic properties between whole cells and isolated magnetosomes of <i>Magnetospirillum magneticum</i> AMB-1. <i>Science Bulletin</i> , 2010 , 55, 38-44 | | 20 |
| 106 | Chemical overprint on the natural remanent magnetization of a subtropical red soil sequence in the Bose Basin, southern China. <i>Geophysical Research Letters</i> , 2007 , 34, | 4.9 | 20 |
| 105 | Mechanism of the parasitic remanence of aluminous goethite [Fe, Al]OOH]. <i>Journal of Geophysical Research</i> , 2004 , 109, | | 19 |
| 104 | A magnetic investigation along a NW-SE transect of the Chinese loess plateau and its implications. <i>Physics and Chemistry of the Earth</i> , 2001 , 26, 867-872 | | 19 |
| 103 | High-precision U-Pb geochronology of the Jurassic Yanliao Biota from Jianchang (western Liaoning Province, China): Age constraints on the rise of feathered dinosaurs and eutherian mammals. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 3983-3992 | 3.6 | 18 |
| 102 | ESR dating of the Majuangou and Banshan Paleolithic sites in the Nihewan Basin, North China. <i>Journal of Human Evolution</i> , 2014 , 73, 58-63 | 3.1 | 18 |
| 101 | Spatial variations in paleowind direction during the last glacial period in north China reconstructed from variations in the anisotropy of magnetic susceptibility of loess deposits. <i>Tectonophysics</i> , 2014 , 629, 353-361 | 3.1 | 18 |
| 100 | Contrasting behavior of hematite and goethite within paleosol S5 of the Luochuan profile, Chinese Loess Plateau. <i>Geophysical Research Letters</i> , 2006 , 33, | 4.9 | 18 |
| 99 | Rapid drift of the Tethyan Himalaya terrane before two-stage India-Asia collision. <i>National Science Review</i> , 2021 , 8, nwa173 | 10.8 | 17 |
| 98 | The appearance and duration of the Jehol Biota: Constraint from SIMS U-Pb zircon dating for the Huajiyang Formation in northern China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 14299-14305 | 11.5 | 16 |
| 97 | The effect of weathering on the grain-size distribution of red soils in south-eastern China and its climatic implications. <i>Journal of Asian Earth Sciences</i> , 2014 , 94, 94-104 | 2.8 | 16 |
| 96 | ESR dating of the Donggutuo Palaeolithic site in the Nihewan Basin, northern China. <i>Geochronometria</i> , 2013 , 40, 348-354 | 1 | 16 |
| 95 | Habitat, climate and potential plant food resources for the late Miocene Shuitangba hominoid in Southwest China: Insights from carpological remains. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 470, 63-71 | 2.9 | 15 |
| 94 | Oligocene Deformation of the Chuandian Terrane in the SE Margin of the Tibetan Plateau Related to the Extrusion of Indochina. <i>Tectonics</i> , 2020 , 39, e2019TC005974 | 4.3 | 15 |
| 93 | Clay mineralogy indicates a mildly warm and humid living environment for the Miocene hominoid from the Zhaotong Basin, Yunnan, China. <i>Scientific Reports</i> , 2016 , 6, 20012 | 4.9 | 15 |
| 92 | Fossil seeds of Euryale (Nymphaeaceae) indicate a lake or swamp environment in the late Miocene Zhaotong Basin of southwestern China. <i>Science Bulletin</i> , 2015 , 60, 1768-1777 | 10.6 | 15 |
| 91 | Clay mineral assemblages in the Zhaotong Basin of southwestern China: Implications for the late Miocene and Pliocene evolution of the South Asian monsoon. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 516, 90-100 | 2.9 | 15 |
| 90 | New geochronological constraints for the Upper Cretaceous Nenjiang Formation in the Songliao Basin, NE China. <i>Cretaceous Research</i> , 2019 , 102, 160-169 | 1.8 | 14 |

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| 89 | Pronounced changes in atmospheric circulation and dust source area during the mid-Pleistocene as indicated by the Caotan loess-soil sequence in North China. <i>Quaternary International</i> , 2015 , 372, 97-107 | 2 | 14 |
| 88 | New High-Temperature Dependence of Magnetic Susceptibility-Based Climofunction for Quantifying Paleoprecipitation From Chinese Loess. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 4273-4291 | 3.6 | 14 |
| 87 | The Lithic Assemblages of Xiaochangliang, Nihewan Basin: Implications for Early Pleistocene Hominin Behaviour in North China. <i>PLoS ONE</i> , 2016 , 11, e0155793 | 3.7 | 14 |
| 86 | Orbital-scale Asian summer monsoon variations: Paradox and exploration. <i>Science China Earth Sciences</i> , 2021 , 64, 529-544 | 4.6 | 14 |
| 85 | Magnetic stratigraphy of the Danube loess: A composite Titel-Stari Slankamen loess section over the last one million years in Vojvodina, Serbia. <i>Journal of Asian Earth Sciences</i> , 2018 , 155, 68-80 | 2.8 | 14 |
| 84 | Astronomical tuning and magnetostratigraphy of Neogene biogenic reefs in Xisha Islands, South China Sea. <i>Science Bulletin</i> , 2018 , 63, 564-573 | 10.6 | 13 |
| 83 | Tectonic and sedimentary evolution of the late Miocene-Pleistocene Dali Basin in the southeast margin of the Tibetan Plateau: Evidences from anisotropy of magnetic susceptibility and rock magnetic data. <i>Tectonophysics</i> , 2014 , 629, 362-377 | 3.1 | 13 |
| 82 | 1500-year cycle dominated Holocene dynamics of the Yellow River delta, China. <i>Holocene</i> , 2016 , 26, 222-234 | 3.4 | 12 |
| 81 | SIMS zircon U-Pb dating of the Late Cretaceous dinosaur egg-bearing red deposits in the Tiantai Basin, southeastern China. <i>Journal of Asian Earth Sciences</i> , 2013 , 62, 654-661 | 2.8 | 12 |
| 80 | Magnetostratigraphic dating of the Hougou Paleolithic site in the Nihewan Basin, North China. <i>Science China Earth Sciences</i> , 2011 , 54, 1643-1650 | 4.6 | 12 |
| 79 | Enhancing weak magnetic fabrics using field-impressed anisotropy: application to the Chinese loess. <i>Geophysical Journal International</i> , 2005 , 162, 381-389 | 2.6 | 12 |
| 78 | Magnetic Susceptibility of Holocene Loess-Black Loam Sequence from Jiaodao Profile of China Before and after Citrate-Bicarbonate-Dithionite Extraction. <i>Chinese Journal of Geophysics</i> , 2000 , 43, 540-548 | | 12 |
| 77 | Early Pleistocene archaeological occurrences at the Feiliang site, and the archaeology of human origins in the Nihewan Basin, North China. <i>PLoS ONE</i> , 2017 , 12, e0187251 | 3.7 | 12 |
| 76 | The Paleolithic in the Nihewan Basin, China: Evolutionary history of an Early to Late Pleistocene record in Eastern Asia. <i>Evolutionary Anthropology</i> , 2020 , 29, 125-142 | 4.7 | 12 |
| 75 | Magnetostratigraphic dating of the Shanshenmiaozui mammalian fauna in the Nihewan Basin, North China. <i>Quaternary International</i> , 2016 , 400, 202-211 | 2 | 11 |
| 74 | Magnetostratigraphy of two deep boreholes in southwestern Bohai Bay: Tectonic implications and constraints on the ages of volcanic layers. <i>Quaternary Geochronology</i> , 2018 , 43, 102-114 | 2.7 | 11 |
| 73 | Magnetostratigraphic dating of the Shixia red sediments and implications for formation of Nihewan paleo-lake, North China. <i>Quaternary Science Reviews</i> , 2018 , 193, 118-128 | 3.9 | 11 |
| 72 | New constraints on the variation of the geomagnetic field during the late Neolithic period: Archaeointensity results from Sichuan, southwestern China. <i>Journal of Geophysical Research: Solid Earth</i> , 2015 , 120, 2056-2069 | 3.6 | 11 |

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| 71 | High-resolution enviromagnetic records of the last deglaciation from Dali Lake, Inner Mongolia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 454, 1-11 | 2.9 | 11 |
| 70 | Paleomagnetism of the Late Cretaceous Red Beds From the Far Western Lhasa Terrane: Inclusion Discrepancy and Tectonic Implications. <i>Tectonics</i> , 2020 , 39, e2020TC006280 | 4.3 | 10 |
| 69 | Magnetic properties of loess deposits on the northeastern Qinghai-Tibetan Plateau: palaeoclimatic implications for the Late Pleistocene. <i>Geophysical Journal International</i> , 2006 , 167, 1138-1147 | 2.6 | 10 |
| 68 | Fossil leaves of <i>Berhamniphyllum</i> (Rhamnaceae) from Markam, Tibet and their biogeographic implications. <i>Science China Earth Sciences</i> , 2020 , 63, 224-234 | 4.6 | 10 |
| 67 | New archaeomagnetic direction results from China and their constraints on palaeosecular variation of the geomagnetic field in Eastern Asia. <i>Geophysical Journal International</i> , 2016 , 207, 1332-1342 | 2.6 | 10 |
| 66 | The Early Pleistocene Gigantopithecus-Sinomastodon fauna from Juyuan karst cave in Boyue Mountain, Guangxi, South China. <i>Quaternary International</i> , 2017 , 434, 4-16 | 2 | 9 |
| 65 | New SIMS U-Pb geochronology for the Shahezi Formation from CCSD-SK-11e borehole in the Songliao Basin, NE China. <i>Science Bulletin</i> , 2020 , 65, 1049-1051 | 10.6 | 9 |
| 64 | The lithic assemblages of Donggutuo, Nihewan basin: Knapping skills of early pleistocene hominins in North China. <i>PLoS ONE</i> , 2017 , 12, e0185101 | 3.7 | 9 |
| 63 | Magnetostratigraphic evidence for deep-sea erosion on the Pacific Plate, south of Mariana Trench, since the middle Pleistocene: potential constraints for Antarctic bottom water circulation. <i>International Geology Review</i> , 2016 , 58, 49-57 | 2.3 | 9 |
| 62 | Clockwise rotations recorded in redbeds from the Jinggu Basin of northwestern Indochina. <i>Bulletin of the Geological Society of America</i> , 2017 , B31637.1 | 3.9 | 8 |
| 61 | Anisotropy of Magnetic Susceptibility (AMS) Analysis of the Gonjo Basin as an Independent Constraint to Date Tibetan Shortening Pulses. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL087531 | 4.9 | 8 |
| 60 | ⁴⁰ Ar/ ³⁹ Ar dating results from the Shijiatusun Formation, Jiaolai Basin: New age constraints on the Cretaceous terrestrial volcanic-sedimentary sequence of China. <i>Cretaceous Research</i> , 2018 , 86, 251-260 | 1.8 | 8 |
| 59 | Magnetostratigraphy of Pliopleistocene fossiliferous cave sediments in the Bubing Basin, southern China. <i>Quaternary Geochronology</i> , 2017 , 37, 68-81 | 2.7 | 8 |
| 58 | Magnetostratigraphic and archaeological records at the Early Pleistocene site complex of Madigou (Nihewan Basin): Implications for human adaptations in North China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 530, 176-189 | 2.9 | 7 |
| 57 | Magma flow pattern of the 1.78 Ga dyke swarm of the North China Craton during the initial assembly of the Supercontinent Nuna/Columbia: Constraints from rock magnetic and anisotropy of magnetic susceptibility studies. <i>Precambrian Research</i> , 2020 , 345, 105773 | 3.9 | 7 |
| 56 | Uplift of the Hengduan Mountains on the southeastern margin of the Tibetan Plateau in the late Miocene and its paleoenvironmental impact on hominoid diversity. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 553, 109794 | 2.9 | 7 |
| 55 | The Potential of Marine Ferromanganese Nodules From Eastern Pacific as Recorders of Earth's Magnetic Field Changes During the Past 4.7 Myr: A Geochronological Study by Magnetic Scanning and Authigenic ¹⁰ Be/ ⁹ Be Dating. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2019JB018639 | 3.6 | 7 |
| 54 | Magnetostratigraphy and Authigenic ¹⁰ Be/ ⁹ Be Dating of Plio-Pleistocene Abyssal Surficial Sediments on the Southern Slope of Mariana Trench and Sedimentary Processes During the Mid-Pleistocene Transition. <i>Journal of Geophysical Research: Oceans</i> , 2020 , 125, e2020JC016250 | 3.3 | 7 |

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| 53 | Orbital-scale nonlinear response of East Asian summer monsoon to its potential driving forces in the late Quaternary. <i>Climate Dynamics</i> , 2018 , 50, 2183-2197 | 4.2 | 7 |
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