

Baochun Huang

List of Publications by Year in descending order

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87
papers

5,857
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147801

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74163

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g-index

90
all docs

90
docs citations

90
times ranked

3129
citing authors

#	ARTICLE	IF	CITATIONS
1	China and Mongolia's Precambrian-Paleozoic. , 2021, , 494-508.		1
2	Remagnetization of Jutal dykes in Gilgit area of the Kohistan Island Arc: Perspectives from the India-Asia collision. <i>Geophysical Journal International</i> , 2021, 226, 33-46.	2.4	2
3	Comment on "Paleomagnetism of the Late Cretaceous Red Beds From the Far Western Lhasa Terrane: Inclination Discrepancy and Tectonic Implications" by Bian et al.. <i>Tectonics</i> , 2021, 40, e2020TC006520.	2.8	4
4	Quantifying the Extent of the Paleo-Asian Ocean During the Late Carboniferous to Early Permian. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094498.	4.0	14
5	Cenozoic deformation in the Tethyan Himalaya, SE Tibet: Insights from magnetic fabrics and structural analysis of Upper Triassic flysch. <i>Tectonophysics</i> , 2021, 814, 228967.	2.2	6
6	Micro-blocks in NE Asia Amalgamated Into the Unified Amuria Block by ~300 Ma: First Paleomagnetic Evidence From the Songliao Block, NE China. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022881.	3.4	7
7	High-Resolution Petrographic Evidence Confirming Detrital and Biogenic Magnetites as Remanence Carriers for Zongpu Carbonates in the Gamba Area, South Tibet. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	5
8	A palaeomagnetic study of the Middle Permian and Middle Triassic limestones from Shan State, Myanmar: Implications for collision of the Sibumasu Terrane and Indochina Terrane. <i>Geological Journal</i> , 2020, 55, 1179-1194.	1.3	7
9	Paleomagnetic Constraint on the Carboniferous Paleoposition of Indochina and Its Implications for the Evolution of Eastern Paleotethys Ocean. <i>Tectonics</i> , 2020, 39, e2020TC006168.	2.8	8
10	Paleomagnetic Constraints of the Lower Triassic Strata in South Qinling Belt: Evidence for a Discrete Terrane Between the North and South China Blocks. <i>Tectonics</i> , 2020, 39, e2019TC005698.	2.8	20
11	Detrital remanent magnetization of single-crystal silicates with magnetic inclusions: constraints from deposition experiments. <i>Geophysical Journal International</i> , 2020, 224, 2001-2015.	2.4	11
12	Neotectonic Deformation in the Southwestern Tian Shan, Western China: Evidence From Paleomagnetic Study of Quaternary Sediments From the Mingyaole Anticline. <i>Tectonics</i> , 2019, 38, 2540-2554.	2.8	1
13	Palaeomagnetism of Late Triassic volcanic rocks from the western margin of Khorat Basin, Thailand and its implication for ambiguous inclination shallowing in Mesozoic sediments of Indochina. <i>Geophysical Journal International</i> , 2019, 219, 897-910.	2.4	5
14	The Middle-Late Triassic Closure of the East Paleotethys Ocean: Paleomagnetic Evidence from the Baoshan Terrane, China. <i>Acta Geologica Sinica</i> , 2019, 93, 1978-1979.	1.4	1
15	New paleomagnetic results for Ordovician and Silurian rocks of the Tarim Block, Northwest China and their paleogeographic implications. <i>Tectonophysics</i> , 2019, 755, 91-108.	2.2	21
16	Direct Paleomagnetic Constraint on the Closure of Paleotethys and Its Implications for Linking the Tibetan and Southeast Asian Blocks. <i>Geophysical Research Letters</i> , 2019, 46, 14368-14376.	4.0	21
17	Magnetic fabric constraint on tectonic setting of Paleoproterozoic dyke swarms in the North China Craton, China. <i>Precambrian Research</i> , 2019, 329, 247-261.	2.7	5
18	New paleomagnetic positive proof of the rigid or quasi-rigid Greater Indian Plate during the Early Cretaceous. <i>Chinese Science Bulletin</i> , 2019, 64, 2225-2244.	0.7	10

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19	53°–43°Ma Deformation of Eastern Tibet Revealed by Three Stages of Tectonic Rotation in the Gongjue Basin. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3320-3338.	3.4	26
20	Permian Paleogeography of the Eastern CAOB: Paleomagnetic Constraints From Volcanic Rocks in Central Eastern Inner Mongolia, NE China. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2559-2582.	3.4	29
21	Paleomagnetic constraints on the paleogeography of the East Asian blocks during Late Paleozoic and Early Mesozoic times. <i>Earth-Science Reviews</i> , 2018, 186, 8-36.	9.1	231
22	Geological reconstructions of the East Asian blocks: From the breakup of Rodinia to the assembly of Pangea. <i>Earth-Science Reviews</i> , 2018, 186, 262-286.	9.1	576
23	Paleomagnetic Study on the Permian Rocks of the Indochina Block and Its Implications for Paleogeographic Configuration and Northward Drifting of Cathaysia in the Paleogene. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 4523-4538.	3.4	22
24	Paleomagnetic results from Lower Devonian sandstones of the Niquihe Formation in the Duobaoshan area and its constraints on paleoposition of the Xing'an block. <i>Chinese Science Bulletin</i> , 2018, 63, 1502-1514.	0.7	10
25	Large southward motion and clockwise rotation of Indochina throughout the Mesozoic: Paleomagnetic and detrital zircon U–Pb geochronological constraints. <i>Earth and Planetary Science Letters</i> , 2017, 459, 264-278.	4.4	38
26	Late Cenozoic evolution in the Pamir-Tian Shan convergence: New chronological constraints from the magnetostratigraphic record of the southwestern Tianshan foreland basin (Ulugqat area). <i>Tectonophysics</i> , 2017, 717, 51-64.	2.2	21
27	Comment on "Remagnetization of the Paleogene Tibetan Himalayan carbonate rocks in the Gamba area: Implications for reconstructing the lower plate in the India-Asia collision" by Huang et al.. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 4852-4858.	3.4	16
28	New Early and Late Carboniferous paleomagnetic results from the Qaidam Block, NW China: Implications for the paleogeography of Central Asia. <i>Tectonophysics</i> , 2017, 717, 242-252.	2.2	5
29	The influence of Cretaceous paleolatitude variation of the Tethyan Himalaya on the India-Asia collision pattern. <i>Science China Earth Sciences</i> , 2017, 60, 1057-1066.	5.2	6
30	The characteristics of environmental particulate matter in the urban area of Beijing, China, during the 2008 Olympic Games. <i>Atmospheric Pollution Research</i> , 2017, 8, 141-148.	3.8	10
31	A REMAINING OPEN PALEOGEOGRAPHY OF PALEO-ASIAN OCEAN BY EARLY PERMIAN: PALEOMAGNETIC CONSTRAINTS FROM THE PERMIAN VOLCANIC ROCKS IN MIDDLE-EAST INNER MONGOLIA, NE CHINA. <i>Geodinamika I Tektonofizika</i> , 2017, 8, 603-604.	0.7	0
32	Comment on "Cenozoic tectonic deformation and uplift of the South Tian Shan: Implications from magnetostratigraphy and balanced cross-section restoration of the Kuqa depression" by Tao Zhang, Xiaomin Fang, Chunhui Song, Erwin Appel, and Yadong Wang [<i>Tectonophysics</i> , 2014, doi:10.1016/j.tecto.2014.04.044]. <i>Tectonophysics</i> , 2016, 690, 362-366.	2.2	1
33	Paleomagnetic Evidence for Tectonic Setting of Paleoproterozoic Dyke Swarms in the North China Craton, China. <i>Acta Geologica Sinica</i> , 2016, 90, 35-35.	1.4	4
34	Neogene magnetostratigraphy and rock magnetic study of the Kashi Depression, NW China: Implications to neotectonics in the SW Tianshan Mountains. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 1280-1296.	3.4	21
35	A high-resolution geochemical record from the Kuche depression: Constraints on early Miocene uplift of South Tian Shan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 446, 1-10.	2.3	18
36	A quasi-linear structure of the southern margin of Eurasia prior to the India-Asia collision: First paleomagnetic constraints from Upper Cretaceous volcanic rocks near the western syntaxis of Tibet. <i>Tectonics</i> , 2015, 34, 1431-1451.	2.8	39

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37	A Tale of Amalgamation of Three Permo-Triassic Collage Systems in Central Asia: Oroclines, Sutures, and Terminal Accretion. <i>Annual Review of Earth and Planetary Sciences</i> , 2015, 43, 477-507.	11.0	931
38	Late Triassic paleomagnetic result from the Baoshan Terrane, West Yunnan of China: Implication for orientation of the East Paleotethys suture zone and timing of the Sibumasu-Indochina collision. <i>Journal of Asian Earth Sciences</i> , 2015, 111, 350-364.	2.3	34
39	Paleomagnetic study of Late Paleozoic rocks in the Tacheng Basin of West Junggar (NW China): Implications for the tectonic evolution of the western Altaids. <i>Gondwana Research</i> , 2015, 27, 862-877.	6.0	72
40	Paleomagnetic and $^{40}\text{Ar}/^{39}\text{Ar}$ geochronological results from the Linzizong Group, Linzhou Basin, Lhasa Terrane, Tibet: Implications to Paleogene paleolatitude and onset of the India-Asia collision. <i>Journal of Asian Earth Sciences</i> , 2014, 96, 162-177.	2.3	35
41	Anisotropy of magnetic susceptibility of Eocene and Miocene sediments in the Qaidam Basin, Northwest China: Implication for Cenozoic tectonic transition and depocenter migration. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2095-2108.	2.5	56
42	Paleomagnetism of Eocene and Miocene sediments from the Qaidam basin: Implication for no integral rotation since the Eocene and a rigid Qaidam block. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2109-2127.	2.5	47
43	“ Fe^{2+} and Fe^{3+} concentrations in dustfall in northern China from integrated chemical and magnetic investigation. <i>Atmospheric Environment</i> , 2013, 74, 182-193.”	4.1	36
44	Assessment of heavy metal contamination of dustfall in northern China from integrated chemical and magnetic investigation. <i>Atmospheric Environment</i> , 2013, 74, 182-193.	4.1	36
45	Paleomagnetism of ca. 1.35Ga sills in northern North China Craton and implications for paleogeographic reconstruction of the Mesoproterozoic supercontinent. <i>Precambrian Research</i> , 2013, 228, 36-47.	2.7	49
46	Anisotropy of magnetic susceptibility of the Jingou River section: Implications for late Cenozoic uplift of the Tian Shan. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	36
47	Discriminating sources of anthropogenic heavy metals in urban street dusts using magnetic and chemical methods. <i>Journal of Geochemical Exploration</i> , 2012, 119-120, 60-75.	3.2	121
48	Paleomagnetism of early Paleogene marine sediments in southern Tibet, China: Implications to onset of the India-Asia collision and size of Greater India. <i>Earth and Planetary Science Letters</i> , 2011, , .	4.4	25
49	Palaeomagnetic study of the Kepezdağ and Yamadağ volcanic complexes, central Turkey: Neogene tectonic escape and block definition in the central-east Anatolides. <i>Journal of Geodynamics</i> , 2011, 51, 308-326.	1.6	29
50	Palaeomagnetism of Precambrian dyke swarms in the North China Shield: The $\sim 1.8\text{Ga}$ LIP event and crustal consolidation in late Palaeoproterozoic times. <i>Journal of Asian Earth Sciences</i> , 2011, 41, 504-524.	2.3	41
51	Evaluating the environmental quality impact of the 2008 Beijing Olympic Games: magnetic monitoring of street dust in Beijing Olympic Park. <i>Geophysical Journal International</i> , 2011, 187, 1222-1236.	2.4	37
52	Assessment of heavy metal pollution from a Fe-smelting plant in urban river sediments using environmental magnetic and geochemical methods. <i>Environmental Pollution</i> , 2011, 159, 3057-3070.	7.5	214
53	A review of the western part of the Altaids: A key to understanding the architecture of accretionary orogens. <i>Gondwana Research</i> , 2010, 18, 253-273.	6.0	814
54	Magnetic enhancement upon heating of environmentally polluted samples containing haematite and iron. <i>Geophysical Journal International</i> , 2010, , no-no.	2.4	5

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55	New constraints to the onset of the India-Asia collision: Paleomagnetic reconnaissance on the Linzong Group in the Lhasa Block, China. <i>Tectonophysics</i> , 2010, 489, 189-209.	2.2	131
56	Magnetostratigraphic and rock magnetic study of the Neogene upper Yaha section, Kuche Depression (Tarim Basin): Implications to formation of the Xiyu conglomerate formation, NW China. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	32
57	Paleomagnetic constraints on neotectonic deformation in the Kashi depression of the western Tarim Basin, NW China. <i>International Journal of Earth Sciences</i> , 2009, 98, 1469-1488.	1.8	17
58	End-Permian to mid-Triassic termination of the accretionary processes of the southern Altaids: implications for the geodynamic evolution, Phanerozoic continental growth, and metallogeny of Central Asia. <i>International Journal of Earth Sciences</i> , 2009, 98, 1189-1217.	1.8	794
59	Biomonitoring of atmospheric particulate matter using magnetic properties of <i>Salix matsudana</i> tree ring cores. <i>Science of the Total Environment</i> , 2008, 393, 177-190.	8.0	54
60	Addendum to "Late Cenozoic magnetochronology and paleoenvironmental changes in the northern foreland basin of the Tian Shan Mountains" by Jimin Sun, Qinghai Xu, and Baochun Huang. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	6
61	Reply to the comment by J. Charreau et al. on "Magnetostratigraphic study of the Kuche Depression, Tarim Basin, and Cenozoic uplift of the Tian Shan Range, Western China" [Earth Planet. Sci. Lett., 2008, doi:10.1016/j.epsl.2008.01.025]. <i>Earth and Planetary Science Letters</i> , 2008, 275, 404-406.	4.4	6
62	Paleomagnetism of Cretaceous rocks in the Jiaodong Peninsula, eastern China: Insight into block rotations and neotectonic deformation in eastern Asia. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	20
63	Late Cenozoic magnetochronology and paleoenvironmental changes in the northern foreland basin of the Tian Shan Mountains. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	50
64	Paleomagnetic and geochronological study of the Halaqiaola basalts, southern margin of the Altai Mountains, northern Xinjiang: Constraints on neotectonic convergent patterns north of Tibet. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	10
65	Magnetostratigraphic study of the Kuche Depression, Tarim Basin, and Cenozoic uplift of the Tian Shan Range, Western China. <i>Earth and Planetary Science Letters</i> , 2006, 251, 346-364.	4.4	183
66	Origin of the Red Earth sequence on the northeastern Tibetan Plateau and its implications for regional aridity since the middle Miocene. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 505-517.	0.9	15
67	Magnetostratigraphic study of Cretaceous depositional succession in the northern Kuqa Depression, Northwest China. <i>Science Bulletin</i> , 2006, 51, 97-107.	1.7	12
68	Magnetic properties of high-road-side pine tree leaves in Beijing and their environmental significance. <i>Science Bulletin</i> , 2006, 51, 3041-3052.	1.7	55
69	Paleomagnetism of the Baiyisi volcanic rocks (ca. 740Ma) of Tarim, Northwest China: A continental fragment of Neoproterozoic Western Australia?. <i>Precambrian Research</i> , 2005, 142, 83-92.	2.7	107
70	Paleomagnetic and geochronological constraints on the post-collisional northward convergence of the southwest Tian Shan, NW China. <i>Tectonophysics</i> , 2005, 409, 107-124.	2.2	50
71	Palaeomagnetic investigation on Early-Middle Triassic sediments of the North China block: a new Early Triassic palaeopole and its tectonic implications. <i>Geophysical Journal International</i> , 2004, 160, 101-113.	2.4	23
72	Paleomagnetic study on the Early Triassic red beds from Jiaocheng, Shanxi Province. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 108.	0.9	7

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73	Paleomagnetic result of the Cenozoic volcanic rocks from the Tuoyun Basin, southwest Tien Shan of China and its tectonic implications. <i>Science Bulletin</i> , 2004, 49, 1288.	1.7	4
74	Paleomagnetism of Miocene sediments from the Turfan Basin, Northwest China: no significant vertical-axis rotation during Neotectonic compression within the Tian Shan Range, Central Asia. <i>Tectonophysics</i> , 2004, 384, 1-21.	2.2	26
75	New paleomagnetic and magnetic fabric results for Early Cretaceous rocks from the Turpan intramontane basin, east Tianshan, northwest China. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 540-550.	0.9	8
76	Paleomagnetic study on orogenic belt: An example from Early Cretaceous volcanic rocks, Inner Mongolia, China. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 1127-1133.	0.9	8
77	Constraints on the Jurassic swing of the apparent polar wander path for the North China Block. <i>Geophysical Journal International</i> , 2003, 154, 801-810.	2.4	23
78	Magnetostratigraphic constraints on the Gondwanan origin of North China: Cambrian/Ordovician boundary results. <i>Geophysical Journal International</i> , 2002, 151, 1-10.	2.4	109
79	Paleomagnetism of early Paleozoic volcanic rocks from the Beishan area, Gansu of northwest China: Preliminary insight into early Paleozoic kinemics of the Beishan terrane. <i>Science Bulletin</i> , 2002, 47, 1561.	1.7	2
80	Paleomagnetism of Carboniferous sediments in the Hexi corridor: its origin and tectonic implications. <i>Earth and Planetary Science Letters</i> , 2001, 194, 135-149.	4.4	42
81	New Silurian and Devonian palaeomagnetic results from the Hexi Corridor terrane, northwest China, and their tectonic implications. <i>Geophysical Journal International</i> , 2000, 140, 132-146.	2.4	34
82	Distribution of apparent magnetization for Asia. <i>Science in China Series D: Earth Sciences</i> , 2000, 43, 654-660.	0.9	3
83	The Early Paleozoic paleogeography of the North China block and the other major blocks of China. <i>Science Bulletin</i> , 2000, 45, 1057-1065.	1.7	61
84	Early Paleozoic paleomagnetic poles from the western part of the North China Block and their implications. <i>Tectonophysics</i> , 1999, 308, 377-402.	2.2	76
85	Paleomagnetic constraints on the tectonic relationship between the Alashan/Hexi Corridor Terrane and the North China Block. <i>Geophysical Research Letters</i> , 1999, 26, 787-790.	4.0	17
86	Details of Magnetic Polarity Transition Recorded in Chinese Loess.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1993, 45, 289-299.	0.9	23
87	Multi-stage India-Asia collision: Paleomagnetic constraints from Hazara-Kashmir syntaxis in the western Himalaya. <i>Bulletin of the Geological Society of America</i> , 0, , .	3.3	5