

Helmut BrÃ¼ckner

List of Publications by Year in descending order

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69
papers

1,341
citations

361413

20
h-index

414414

32
g-index

73
all docs

73
docs citations

73
times ranked

1145
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Feldspar Contamination on Equivalent dose and the Shape of Growth Curve for OSL of Silt-Sized Quartz Extracted from Chinese Loess. <i>Geochronometria</i> , 2008, 30, 49-53.	0.8	106
2	Luminescence-dated aeolian deposits of late Quaternary age in the southern Tibetan Plateau and their implications for landscape history. <i>Quaternary Research</i> , 2009, 72, 421-430.	1.7	75
3	In search of the harbours: New evidence of Late Roman and Byzantine harbours of Ephesus. <i>Quaternary International</i> , 2013, 312, 57-69.	1.5	65
4	OSL dating of tsunami deposits from Phra Thong Island, Thailand. <i>Quaternary Geochronology</i> , 2012, 10, 224-229.	1.4	54
5	Progradation deltaïque holocène en Méditerranée: À l'étude de cas. <i>Mediterranee</i> , 2005, , 95-106.	0.1	54
6	Human induced landscape changes around Bafa Gölü (western Turkey). <i>Vegetation History and Archaeobotany</i> , 2008, 17, 365-380.	2.1	41
7	The Late Holocene evolution of the Black Sea – a critical view on the so-called Phanagorian regression. <i>Quaternary International</i> , 2012, 266, 162-174.	1.5	40
8	Traces of historical tropical cyclones and tsunamis in the Ashburton Delta (northwest Australia). <i>Sedimentology</i> , 2015, 62, 1546-1572.	3.1	36
9	Holocene palaeogeographies of the central Acheloos River delta (NW Greece) in the vicinity of the ancient seaport Oniadai. <i>Geodinamica Acta</i> , 2007, 20, 241-256.	2.2	35
10	Human impact on Holocene sediment dynamics in the Eastern Mediterranean – the example of the Roman harbour of Ephesus. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 980-996.	2.5	35
11	Successful combination of electron spin resonance, luminescence and palaeomagnetic dating methods allows reconstruction of the Pleistocene evolution of the lower Moulouya river (NE Tunisia). <i>Journal of Quaternary Science</i> , 2017, 32, 107-117.	0.7843143	10
12	Taken from the sea, reclaimed by the sea: The fate of the closed harbour of Elaia, the maritime satellite city of Pergamum (Turkey). <i>Quaternary International</i> , 2013, 312, 70-83.	1.5	33
13	The harbour of Elaia: A palynological archive for human environmental interactions during the last 7500 years. <i>Quaternary Science Reviews</i> , 2016, 149, 167-187.	3.0	33
14	Demise of a harbor: a geochemical chronicle from Ephesus. <i>Journal of Archaeological Science</i> , 2015, 53, 202-213.	2.4	32
15	Palaeogeographies of the Magra Valley coastal plain to constrain the location of the Roman harbour of Luna (NW Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 337-338, 37-51.	2.3	31
16	Life cycle of estuarine islands – From the formation to the landlocking of former islands in the environs of Miletos and Ephesos in western Asia Minor (Turkey). <i>Journal of Archaeological Science: Reports</i> , 2017, 12, 876-894.	0.5	28
17	The environs of Elaia's ancient open harbour – a reconstruction based on microfaunal evidence. <i>Journal of Archaeological Science</i> , 2015, 54, 340-355.	2.4	27
18	Gradients in climate, geology, and topography affecting coastal alluvial fan morphodynamics in hyperarid regions – The Atacama perspective. <i>Global and Planetary Change</i> , 2020, 185, 102994.	3.5	27

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19	The Purpose and Age of Underwater Walls in the Bay of Elaia of Western Turkey: A Multidisciplinary Approach. <i>Geoarchaeology - an International Journal</i> , 2014, 29, 138-155.	1.5	24
20	Holocene paleogeographies of the Palairos coastal plain (Akarnania, northwest Greece) and their geoarchaeological implications. <i>Geoarchaeology - an International Journal</i> , 2006, 21, 649-664.	1.5	23
21	Digital mapping of coastal boulders – high-resolution data acquisition to infer past and recent transport dynamics. <i>Sedimentology</i> , 2020, 67, 1393-1410.	3.1	20
22	Foraminifera as markers of Holocene sea-level fluctuations and water depths of ancient harbours – A case study from the Bay of Elaia (W Turkey). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 482, 17-29.	2.3	19
23	Prograded foredunes of Western Australia's macro-tidal coast – implications for Holocene sea-level change and high-energy wave impacts. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 726-740.	2.5	18
24	Testing the potential of K-feldspar pIR-IRSL and quartz ESR for dating coastal alluvial fan complexes in arid environments. <i>Quaternary International</i> , 2020, 556, 124-143.	1.5	18
25	Impacts des tsunamis le long des côtes du golfe Ambracien (Grèce nord-occidentale). <i>Mediterranee</i> , 2007, , 43-57.	0.1	18
26	The palaeogeographies of Ephesos (Turkey), its harbours, and the Artemision – a geoarchaeological reconstruction for the timespan 1500 – 300 BC. <i>Zeitschrift für Geomorphologie</i> , 2014, 58, 33-66.	0.8	17
27	Late Pleistocene alluvial fan evolution along the coastal Atacama Desert (N Chile). <i>Global and Planetary Change</i> , 2020, 190, 103091.	3.5	17
28	Palaeogeographic Changes at Lake Chokрак on the Kerkennin Peninsula, Ukraine, during the Mid- and Late-Holocene. <i>Geoarchaeology - an International Journal</i> , 2012, 27, 206-219.	1.5	16
29	Historical Nankai-Suruga megathrust earthquakes recorded by tsunami and terrestrial mass movement deposits on the Shirasuka coastal lowlands, Shizuoka Prefecture, Japan. <i>Holocene</i> , 2018, 28, 968-983.	1.7	16
30	Chronology and formation processes of the Middle to Upper Palaeolithic deposits of Ifri n'Ammar using multi-method luminescence dating and micromorphology. <i>Quaternary International</i> , 2018, 485, 89-102.	1.5	15
31	Sediment sequences and paleosols in the Kyichu Valley, southern Tibet (China), indicating Late Quaternary environmental changes. <i>Island Arc</i> , 2009, 18, 404-427.	1.1	14
32	Neolithic settlement sites in Western Turkey – palaeogeographic studies at Çukuriçi Höyük and Arvalya Höyük. <i>Journal of Archaeological Science: Reports</i> , 2015, 4, 565-577.	0.5	14
33	Modern and historical tropical cyclone and tsunami deposits at the coast of Myanmar: Implications for their identification and preservation in the geological record. <i>Sedimentology</i> , 2020, 67, 1431-1459.	3.1	14
34	Luminescence dating of ephemeral stream deposits around the Palaeolithic site of Ifri n'Ammar (Morocco). <i>Quaternary Geochronology</i> , 2015, 30, 460-465.	1.4	13
35	Migration of Barchan Dunes in Qatar – Controls of the Shamal, Teleconnections, Sea-Level Changes and Human Impact. <i>Geosciences (Switzerland)</i> , 2018, 8, 240.	2.2	13
36	The sedimentological and environmental footprint of extreme wave events in Boca do Rio, Algarve coast, Portugal. <i>Sedimentary Geology</i> , 2019, 389, 147-160.	2.1	13

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37	Elaia, Pergamon's maritime satellite: the rise and fall of an ancient harbour city shaped by shoreline migration. <i>Journal of Quaternary Science</i> , 2019, 34, 228-244.	2.1	13
38	Characterization of silty to fine-sandy sediments with SH waves: full waveform inversion in comparison with other geophysical methods. <i>Near Surface Geophysics</i> , 2020, 18, 217-248.	1.2	13
39	Vertical and lateral distribution of Foraminifera and Ostracoda in the East Frisian Wadden Sea – developing a transfer function for relative sea-level change. <i>Geologica Belgica</i> , 2019, 22, 99-110.	1.1	13
40	Identification of humid periods in the Atacama Desert through hillslope activity established by infrared stimulated luminescence (IRSL) dating. <i>Global and Planetary Change</i> , 2020, 185, 103086.	3.5	12
41	Unravelling fluvial deposition and pedogenesis in ephemeral stream deposits in the vicinity of the prehistoric rock shelter of Ifri n'Ammar (NE Morocco) during the last 100 ka. <i>Catena</i> , 2017, 152, 115-134.	5.0	10
42	Intestinal parasites from public and private latrines and the harbour canal in Roman Period Ephesus, Turkey (1st c. BCE to 6th c. CE). <i>Journal of Archaeological Science: Reports</i> , 2018, 21, 289-297.	0.5	10
43	Geomorphology of the coastal alluvial fan complex Guanillos, northern Chile. <i>Journal of Maps</i> , 2019, 15, 436-447.	2.0	10
44	New Sediment Cores Reveal Environmental Changes Driven by Tectonic Processes at Ancient Helike, Greece. <i>Geoarchaeology - an International Journal</i> , 2016, 31, 140-155.	1.5	9
45	Assessing tectonic subsidence from estimates of Holocene relative sea-level change: An example from the NW Mediterranean (Magra Plain, Italy). <i>Holocene</i> , 2017, 27, 1988-1999.	1.7	9
46	Molecular organic indicators for human activities in the Roman harbor of Ephesus, Turkey. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 498-509.	1.5	9
47	Using a Multi-Proxy Approach to Detect and Date a Buried part of the Hellenistic City Wall of Ainos (NW Turkey). <i>Geosciences (Switzerland)</i> , 2018, 8, 357.	2.2	9
48	Survey on the metal contamination of agricultural soils in Georgia. <i>Land Degradation and Development</i> , 1999, 10, 467-488.	3.9	8
49	Contrasting terrace systems of the lower Moulouya river as indicator of crustal deformation in NE Morocco. <i>Journal of African Earth Sciences</i> , 2017, 126, 45-57.	2.0	8
50	Human-environment interaction in the hinterland of Ephesos – As deduced from an in-depth study of Lake Belevi, west Anatolia. <i>Quaternary Science Reviews</i> , 2020, 244, 106418.	3.0	8
51	Evolution of Taman Peninsula's ancient Bosphorus channels, south-west Russia: Deltaic progradation and Greek colonisation. <i>Journal of Archaeological Science: Reports</i> , 2016, 5, 327-335.	0.5	7
52	Mid- to Late Holocene landscape changes in the Rioni delta area (Kolkheti lowlands, W Georgia). <i>Quaternary International</i> , 2018, 465, 85-98.	1.5	7
53	Sedimentary Facies Patterns and the Interpretation of Paleogeographies of Ancient Troia. <i>Natural Science in Archaeology</i> , 2003, , 361-377.	1.7	7
54	Weathering under coastal hyperaridity – Late Quaternary development of spectral, textural, and gravelometric alluvial fan surface characteristics. <i>Quaternary Science Reviews</i> , 2022, 277, 107339.	3.0	7

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55	The unexpectedly short Holocene Humid Period in Northern Arabia. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	7
56	First experimental evaluation of the alpha efficiency in coarse-grained quartz for ESR dating purposes: implications for dose rate evaluation. <i>Scientific Reports</i> , 2019, 9, 19769.	3.3	6
57	Late Holocene coastline and landscape changes to the west of Ephesus, Turkey. <i>Quaternary International</i> , 2019, 501, 349-363.	1.5	6
58	On the geoarchaeology of Limyra (SW Anatolia) – new insights into the famous Lycian city and its environs. <i>Geoarchaeology - an International Journal</i> , 2020, 35, 487-502.	1.5	6
59	Mid- to late Holocene environmental changes and human-environment interactions in the surroundings of La Silla del Papa, SW Spain. <i>Geoarchaeology - an International Journal</i> , 2021, 36, 573-600.	1.5	6
60	High-resolution facies analysis of a coastal sabkha in the eastern Gulf of Salwa (Qatar): A spatio-temporal reconstruction. <i>Sedimentology</i> , 2022, 69, 1119-1150.	3.1	6
61	Sediment-filled karst depressions and <i>riyad</i> – key archaeological environments of south Qatar. <i>E&G Quaternary Science Journal</i> , 2020, 68, 215-236.	0.7	5
62	Fossil bog soils (dwog horizons™) and their relation to Holocene coastal changes in the Jade Weser region, southern North Sea, Germany. <i>Journal of Coastal Conservation</i> , 2018, 22, 51-69.	1.6	4
63	Rapid Delta Growth in Historical Times at Ephesus and Miletus – The Examples of the K</i> and the B</i> Menderes Rivers. <i>World Geomorphological Landscapes</i> , 2019, , 293-306.	0.3	4
64	Mid- to late-Holocene sea-level evolution of the northeastern Aegean sea. <i>Holocene</i> , 2021, 31, 1621-1634.	1.7	4
65	Bronze Age settlement mounds on the Colchian plain at the Black Sea coast of Georgia: A geoarchaeological perspective. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 453-469.	1.5	3
66	Insights into Holocene relative sea-level changes in the southern North Sea using an improved microfauna-based transfer function. <i>Journal of Quaternary Science</i> , 2022, 37, 71.	2.1	3
67	Methodological approach for dating harbor sediments by using luminescence dating – a case study in Ephesus, Western Turkey. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 3143-3153.	1.8	2
68	Coastal lowland and floodplain evolution along the lower reaches of the Supsa River (western) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 222	0.7	2
69	The Excavation at Limyra/Lycia 2018: Preliminary Report. <i>Anatolia Antiqua Eski Anadolu</i> , 2019, , 233-254.	0.1	0