Harald Stollhofen

List of Publications by Year
in descending order

95	2,655	186265	214800
papers	citations	28 h-index	47 g-index

100	100	100	1971
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Drainage and environmental evolution across the Permoâ€“Triassic boundary in the southâ€east Germanic Basin (northâ€east Bavaria). Sedimentology, 2022, 69, 501-536.	3.1	8
2	New Oldowan localities at high level within Kilombe Caldera, Kenya. Anthropologie, 2022, 126, 102976.	0.4	3
3	Variscan structures and their control on latest to post-Variscan basin architecture: insights from the westernmost Bohemian Massif and southeastern Germany. Solid Earth, 2022, 13, 393-416.	2.8	5
4	Alkenones in Pleistocene Upper Bed I (1.803â€“1.900ÂMa) sediments from Paleolake Olduvai, Tanzania. Organic Geochemistry, 2022, 170, 104437.	1.8	1
5	Syn-kinematic inversion in an intracontinental extensional field? A structural analysis of the Waterberg Thrust, northern Namibia. Journal of Structural Geology, 2022, 161, 104660.	2.3	3
6	Reconstructing post-Jurassic overburden in central Europe: new insights from mudstone compaction and thermal history analyses of the Franconian Alb, SE Germany. Solid Earth, 2022, 13, 1003-1026.	2.8	4
7	Scaling analysis, correlation length and compaction estimates of natural and simulated stylolites. Journal of Structural Geology, 2022, 161, 104670.	2.3	6
8	The Olduvai Gorge Coring Project: Drilling high resolution palaeoclimatic and palaeoenvironmental archives to constrain hominin evolution. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 561, 110059.	2.3	11
9	Biased preservation of Pleistocene climate variability proxies at Olduvai Gorge, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 562, 109940.	2.3	2
10	Olduvai's oldest Oldowan. Journal of Human Evolution, 2021, 150, 102910.	2.6	15
11	Chronostratigraphy and age modeling of Pleistocene drill cores from the Olduvai Basin, Tanzania (Olduvai Gorge Coring Project). Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 571, 109990.	2.3	29
12	Geochronology of a long Pleistocene sequence at Kilombe volcano, Kenya: from the Oldowan to Middle Stone Age. Journal of Archaeological Science, 2021, 125, 105273.	2.4	13
13	New excavations in the MNK Skull site, and the last appearance of the Oldowan and Homo habilis at Olduvai Gorge, Tanzania. Journal of Anthropological Archaeology, 2021, 61, 101255.	1.6	16
14	Reconstructing environmental signals across the Permian-Triassic boundary in the SE Germanic basin: Paleodrainage modelling and quantification of sediment flux. Global and Planetary Change, 2021, 206, 103632.	3.5	2
15	Reconstructing environmental signals across the Permian-Triassic boundary in the SE Germanic Basin: A Quantitative Provenance Analysis (QPA) approach. Global and Planetary Change, 2021, 206, 103631.	3.5	7
16	Late to post-Variscan basement segmentation and differential exhumation along the SW Bohemian Massif, central Europe. Solid Earth, 2021, 12, 2277-2301.	2.8	4
17	Biogeochemical evidence from OGCP Core 2A sediments for environmental changes preceding deposition of Tuff IB and climatic transitions in Upper Bed I of the Olduvai Basin. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 555, 109824.	2.3	8
18	Palaeovegetation changes recorded in Palaeolake Olduvai OGCP Core 2A (2.09â€“2.12â€¯Ma) Naibor Soit Formation Olduvai Gorge, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 557, 109928.	2.3	7

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19	Changing depocentre environments of Palaeolake Olduvai and carbonates as marker horizons for hiatuses and lake-level extremes. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 560, 110032.	2.3	11
20	New Olduvai Basin stratigraphy and stratigraphic concepts revealed by OGCP cores into the Palaeolake Olduvai depocentre, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 554, 109751.	2.3	31
21	Lake conditions and detrital sources of Paleolake Olduvai, Tanzania, reconstructed using X-ray Diffraction analysis of cores. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 556, 109855.	2.3	16
22	Tuff fingerprinting and correlations between OGCP cores and outcrops for Pre-Bed I and Beds I/II at Olduvai Gorge, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 548, 109630.	2.3	16
23	Palaeosalinity and palaeoclimatic geochemical proxies (elements Ti, Mg, Al) vary with Milankovitch cyclicity (1.3 to 2.0ÂMa), OGCP cores, Palaeolake Olduvai, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 546, 109656.	2.3	25
24	Core stratigraphy constrains Bed IV archaeological record at HEB site, Olduvai Gorge, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 552, 109773.	2.3	7
25	The Franconian Basin thermal anomaly, SE Germany revised: New thermal conductivity and uniformly corrected temperature data. Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften, 2020, 171, 21-44.	0.4	4
26	Predictability and controlling factors of overpressure in the North Alpine Foreland Basin, SE Germany: an interdisciplinary post-drill analysis of the Geretsried GEN-1 deep geothermal well. Geothermal Energy, 2020, 8, .	1.9	7
27	Biogeochemical evidence for environmental changes of Pleistocene Lake Olduvai during the transitional sequence of OGCP core 2A that encompasses Tuff IB (~1.848â€¯Ma). Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 532, 109267.	2.3	10
28	The Franconian Basin thermal anomaly: testing its origin by conceptual 2-D models of deep-seated heat sources covered by low thermal conductivity sediments. International Journal of Energy and Environmental Engineering, 2019, 10, 389-412.	2.5	1
29	Pore-fluid-dependent controls of matrix and bulk thermal conductivity of mineralogically heterogeneous sandstones. Geothermal Energy, 2019, 7, .	1.9	8
30	Seismic imaging of the Olduvai Basin, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 533, 109246.	2.3	14
31	Lithology-specific influence of particle size distribution and mineralogical composition on thermal conductivity measurements of rock fragments. Geothermics, 2019, 80, 119-128.	3.4	12
32	Aquatic biomarkers record Pleistocene environmental changes at Paleolake Olduvai, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 524, 250-261.	2.3	22
33	A normal-faulting stress regime in the Bavarian Foreland Molasse Basin? New evidence from detailed analysis of leak-off and formation integrity tests in the greater Munich area, SE-Germany. Tectonophysics, 2019, 755, 1-9.	2.2	11
34	PPFG Prediction in Complex Tectonic Settings: The North Alpine Thrust Front and Foreland Basin, SE Germany. , 2019, , .		2
35	The Southwest Indian Ocean Bathymetric Compilation (swIOBC). Geochemistry, Geophysics, Geosystems, 2018, 19, 968-976.	2.5	10
36	Bed II Sequence Stratigraphic context of EF-HR and HWK EE archaeological sites, and the Oldowan/Acheulean succession at Olduvai Gorge, Tanzania. Journal of Human Evolution, 2018, 120, 19-31.	2.6	39

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37	Disequilibrium compaction overpressure in shales of the Bavarian Foreland Molasse Basin: Results and geographical distribution from velocity-based analyses. Marine and Petroleum Geology, 2018, 92, 37-50.	3.3	30
38	Sub-Milankovitch paleoclimatic and paleoenvironmental variability in East Africa recorded by Pleistocene lacustrine sediments from Olduvai Gorge, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 495, 284-291.	2.3	31
39	Lahar inundated, modified, and preserved 1.88ÂMa early hominin (OH24 and OH56) Olduvai DK site. Journal of Human Evolution, 2018, 116, 27-42.	2.6	21
40	New excavations at the HWK EE site: Archaeology, paleoenvironment and site formation processes during late Oldowan times at Olduvai Gorge, Tanzania. Journal of Human Evolution, 2018, 120, 140-202.	2.6	38
41	The contexts and early Acheulean archaeology of the EF-HR paleo-landscape (Olduvai Gorge, Tanzania). Journal of Human Evolution, 2018, 120, 274-297.	2.6	34
42	River-fed wetland palaeovegetation and palaeoecology at the HWK W site, Bed I, Olduvai Gorge. Review of Palaeobotany and Palynology, 2018, 259, 223-241.	1.5	15
43	Fluvial-aeolian sedimentary facies, Sossusvlei, Namib Desert. Journal of Maps, 2018, 14, 630-643.	2.0	6
44	OH 83: A new early modern human fossil cranium from the Ndutu beds of Olduvai Gorge, Tanzania. American Journal of Physical Anthropology, 2017, 164, 533-545.	2.1	6
45	Reentering of an Overpressured Basin - The South German Molasse. , 2017, , .		0
46	Discrimination, correlation, and provenance of Bed I tephrostratigraphic markers, Olduvai Gorge, Tanzania, based on multivariate analyses of phenocryst compositions. Sedimentary Geology, 2016, 339, 115-133.	2.1	29
47	In situ â^¼2.0ÂMa trees discovered as fossil rooted stumps, lowermost Bed I, Olduvai Gorge, Tanzania. Journal of Human Evolution, 2016, 90, 74-87.	2.6	16
48	How to identify oceanic crustâ€"Evidence for a complex break-up in the Mozambique Channel, off East Africa. Tectonophysics, 2016, 693, 436-452.	2.2	33
49	The offshore East African Rift System: Structural framework at the toe of a juvenile rift. Tectonics, 2015, 34, 2086-2104.	2.8	72
50	Vegetation landscape at DK locality, Olduvai Gorge, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 426, 34-45.	2.3	26
51	Assessing accuracy of gas-driven permeability measurements: a comparative study of diverse Hassler-cell and probe permeameter devices. Solid Earth, 2014, 5, 1-11.	2.8	81
52	Segmentation and volcano-tectonic characteristics along the SW African continental margin, South Atlantic, as derived from multichannel seismic and potential field data. Marine and Petroleum Geology, 2014, 50, 22-39.	3.3	52
53	Plioceneâ€"Pleistocene climate change, sea level and uplift history recorded by the Horingbaai fan-delta, NW Namibia. Sedimentary Geology, 2014, 309, 15-32.	2.1	21
54	Salt kinematics and regional tectonics across a Permian gas field: a case study from East Frisia, NW Germany. International Journal of Earth Sciences, 2013, 102, 1701-1716.	1.8	11

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55	Use of single-grain geochemistry of cryptic tuffs and volcaniclastic sandstones improves the tephrostratigraphic framework of Olduvai Gorge, Tanzania. Quaternary Research, 2013, 80, 235-249.	1.7	8
56	Controls on reservoir compartmentalization of an Upper Permian tight gas field in Germany and links to a modern analogue in the Western US. Petroleum Geoscience, 2012, 18, 289-304.	1.5	4
57	Landscape distribution of Oldowan stone artifact assemblages across the fault compartments of the eastern Olduvai Lake Basin during early lowermost Bed II times. Journal of Human Evolution, 2012, 63, 384-394.	2.6	63
58	Environments and hominin activities across the FLK Peninsula during Zinjanthropus times (1.84ÂMa), Olduvai Gorge, Tanzania. Journal of Human Evolution, 2012, 63, 364-383.	2.6	99
59	Plio-Pleistocene synsedimentary fault compartments, foundation for the eastern Olduvai Basin paleoenvironmental mosaic, Tanzania. Journal of Human Evolution, 2012, 63, 309-327.	2.6	36
60	High-resolution ultrasonic measurements as proxies to resolve clastic reservoir heterogeneity in a salt-cemented gas reservoir. AAPG Bulletin, 2012, 96, 1197-1209.	1.5	2
61	Impact of arid surface megacracks on hydrocarbon reservoir properties. AAPG Bulletin, 2012, 96, 1279-1299.	1.5	5
62	SYNDEPOSITIONAL TECTONIC CONTROLS AND PALAEOâ€TOPOGRAPHY OF A PERMIAN TIGHT GAS RESERVOIR IN NW GERMANY. Journal of Petroleum Geology, 2011, 34, 411-428.	1.5	14
63	Ultrasonic logging across unconformities â€" outcrop and core logger sonic patterns of the Early Triassic Middle Buntsandstein Hardegsen unconformity, southern Germany. Sedimentary Geology, 2011, 236, 185-196.	2.1	11
64	Pleistocene to Recent rejuvenation of the Hebron Fault, SW Namibia. Geological Society Special Publication, 2009, 316, 293-317.	1.3	12
65	Late Pliocene grassland from Olduvai Gorge, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 257, 280-293.	2.3	46
66	Late Carboniferous hydrocarbon-seep carbonates from the glaciomarine Dwyka Group, southern Namibia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 257, 185-197.	2.3	55
67	Fingerprinting facies of the Tuff IF marker, with implications for early hominin palaeoecology, Olduvai Gorge, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 259, 382-409.	2.3	46
68	Single-zircon U-Pb dating of Carboniferous-Permian tuffs, Namibia, and the intercontinental deglaciation cycle framework. , 2008, , 83-96.		31
69	Basin Fill. , 2008, , 156-245.		7
70	Facies Discrimination in a Mixed Fluvio-Eolian Setting Using Elemental Whole-Rock Geochemistry--Applications for Reservoir Characterization. Journal of Sedimentary Research, 2007, 77, 23-33.	1.6	26
71	Postvulkanische Rotliegend-SchwemmfÃchersysteme am HunsrÃ¼ck-SÃ¼drand, Saar-Nahe-Becken, SW-Deutschland (Exkursion K am 13. April 2007). Jahresbericht Und Mitteilungen Des Oberrheinischen Geologischen Vereins, 2007, 89, 285-306.	0.2	6
72	Synsedimentary faults and amalgamated unconformities: Insights from 3D-seismic and core analysis of the Lower Triassic Middle Buntsandstein, Ems Trough, north-western Germany. International Journal of Earth Sciences, 2005, 94, 863-875.	1.8	12

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73	Mass and hyperconcentrated flow deposits record dune damming and catastrophic breakthrough of ephemeral rivers, Skeleton Coast Erg, Namibia. Sedimentary Geology, 2003, 160, 7-31.	2.1	87
74	Contrasting styles of ephemeral river systems and their interaction with dunes of the Skeleton Coast erg (Namibia). Quaternary International, 2003, 104, 41-52.	1.5	76
75	Lavaâ€“sediment interaction in desert settings; are all peperite-like textures the result of magmaâ€“water interaction?. Journal of Volcanology and Geothermal Research, 2002, 114, 231-249.	2.1	80
76	Origin, age and stratigraphic significance of distal fallout ash tuffs from the Carboniferous-Permian continental Saar-Nahe Basin (SW Germany). International Journal of Earth Sciences, 2002, 91, 341-356.	1.8	46
77	Hoanib River flood deposits of Namib Desert interdunes asanalogues for thin permeability barrier mudstone layers inaeolianite reservoirs. Sedimentology, 2002, 49, 719-736.	3.1	68
78	Oldest known stereospondylous amphibian from the Early Permian of Namibia. Journal of Vertebrate Paleontology, 2001, 21, 34-39.	1.0	11
79	Death of a sand sea: an active aeolian erg systematically buried by the Etendeka flood basalts of NW Namibia. Journal of the Geological Society, 2000, 157, 513-516.	2.1	102
80	Tuffs, tectonism and glacially related sea-level changes, Carboniferousâ€“Permian, southern Namibia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 161, 127-150.	2.3	97
81	Onshore equivalents of the main Kudu gas reservoir in Namibia. Geological Society Special Publication, 1999, 153, 345-365.	1.3	14
82	Facies architecture of the Etjo Sandstone Formation and its interaction with the Basal Etendeka Flood Basalts of northwest Namibia: implications for offshore prospectivity. Geological Society Special Publication, 1999, 153, 367-380.	1.3	23
83	The geochronology and significance of ash-fall tuffs in the glaciogenic Carboniferous-Permian Dwyka Group of Namibia and South Africa. Journal of African Earth Sciences, 1999, 29, 33-49.	2.0	190
84	Lithostratigraphy and depositional environments in the Waterberg-Erongo area, central Namibia, and correlation with the main Karoo Basin, South Africa. Journal of African Earth Sciences, 1999, 29, 105-123.	2.0	39
85	A sequence stratigraphic model for the Lower Coal Measures (Upper Carboniferous) of the Ruhr district, north-west Germany. Sedimentology, 1999, 46, 1199-1231.	3.1	75
86	Internal stratigraphic relationships in the Etendeka group in the Huab Basin, NW Namibia: understanding the onset of flood volcanism. Journal of Geodynamics, 1999, 28, 393-418.	1.6	124
87	Volcanic rocks as discriminants in evaluating tectonic versus climatic control on depositional sequences, Permo-Carboniferous continental Saar-Nahe Basin. Journal of the Geological Society, 1999, 156, 801-808.	2.1	14
88	Incised valley fill sandstone bodies in Upper Carboniferous fluvioâ€“deltaic strata: recognition and reservoir characterization of Southern North Sea analogues. Petroleum Geology Conference Proceedings, 1999, 5, 771-788.	0.7	23
89	Karoo synrift-deposition and its tectonic control at the evolving continental margin of Namibia. Zeitschrift Der Deutschen Geologischen Gesellschaft, 1999, 149, 519-632.	0.1	21
90	Facies architecture variations and seismogenic structures in the Carboniferousâ€“Permian Saarâ€“Nahe Basin (SW Germany): evidence for extension-related transfer fault activity. Sedimentary Geology, 1998, 119, 47-83.	2.1	51

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91	Tectonic and volcanic controls on Early Jurassic rift-valley lake deposition during emplacement of Karoo flood basalts, southern Namibia. Palaeogeography, Palaeoclimatology, Palaeoecology, 1998, 140, 185-215.	2.3	27
92	Interaction between bimodal volcanism, fluvial sedimentation and basin development in the Permoâ€Carboniferous Saarâ€Nahe Basin (southâ€west Germany). Basin Research, 1994, 6, 245-267.	2.7	43
93	Synvolcanic Sedimentation in a Fluvial Depositional Environment: The Basal "Upper Rotliegend" of the Permo-carboniferous Saar-Nahe-Basin. Zeitschrift Der Deutschen Geologischen Gesellschaft, 1994, 145, 343-378.	0.1	7
94	Morphology and Fluvio-Aeolian Interaction of the Tropical Latitude, Ephemeral Braided-River Dominated Koigab Fan, North-West Namibia. , 0, , 99-120.		7
95	Permian. , 0, , 531-597.		15