

# Harald Stollhofen

## List of Publications by Year in descending order

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95  
papers

2,655  
citations

186265

28  
h-index

214800

47  
g-index

100  
all docs

100  
docs citations

100  
times ranked

1971  
citing authors

#	ARTICLE	IF	CITATIONS
1	The geochronology and significance of ash-fall tuffs in the glaciogenic Carboniferous-Permian Dwyka Group of Namibia and South Africa. <i>Journal of African Earth Sciences</i> , 1999, 29, 33-49.	2.0	190
2	Internal stratigraphic relationships in the Etendeka group in the Huab Basin, NW Namibia: understanding the onset of flood volcanism. <i>Journal of Geodynamics</i> , 1999, 28, 393-418.	1.6	124
3	Death of a sand sea: an active aeolian erg systematically buried by the Etendeka flood basalts of NW Namibia. <i>Journal of the Geological Society</i> , 2000, 157, 513-516.	2.1	102
4	Environments and hominin activities across the FLK Peninsula during Zinjanthropus times (1.84 Ma), Olduvai Gorge, Tanzania. <i>Journal of Human Evolution</i> , 2012, 63, 364-383.	2.6	99
5	Tuffs, tectonism and glacially related sea-level changes, Carboniferous-Permian, southern Namibia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 161, 127-150.	2.3	97
6	Mass and hyperconcentrated flow deposits record dune damming and catastrophic breakthrough of ephemeral rivers, Skeleton Coast Erg, Namibia. <i>Sedimentary Geology</i> , 2003, 160, 7-31.	2.1	87
7	Assessing accuracy of gas-driven permeability measurements: a comparative study of diverse Hassler-cell and probe permeameter devices. <i>Solid Earth</i> , 2014, 5, 1-11.	2.8	81
8	Lava-sediment interaction in desert settings; are all peperite-like textures the result of magma-water interaction?. <i>Journal of Volcanology and Geothermal Research</i> , 2002, 114, 231-249.	2.1	80
9	Contrasting styles of ephemeral river systems and their interaction with dunes of the Skeleton Coast erg (Namibia). <i>Quaternary International</i> , 2003, 104, 41-52.	1.5	76
10	A sequence stratigraphic model for the Lower Coal Measures (Upper Carboniferous) of the Ruhr district, north-west Germany. <i>Sedimentology</i> , 1999, 46, 1199-1231.	3.1	75
11	The offshore East African Rift System: Structural framework at the toe of a juvenile rift. <i>Tectonics</i> , 2015, 34, 2086-2104.	2.8	72
12	Hoanib River flood deposits of Namib Desert interdunes as analogues for thin permeability barrier mudstone layers in aeolianite reservoirs. <i>Sedimentology</i> , 2002, 49, 719-736.	3.1	68
13	Landscape distribution of Oldowan stone artifact assemblages across the fault compartments of the eastern Olduvai Lake Basin during early lowermost Bed II times. <i>Journal of Human Evolution</i> , 2012, 63, 384-394.	2.6	63
14	Late Carboniferous hydrocarbon-seep carbonates from the glaciomarine Dwyka Group, southern Namibia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 257, 185-197.	2.3	55
15	Segmentation and volcano-tectonic characteristics along the SW African continental margin, South Atlantic, as derived from multichannel seismic and potential field data. <i>Marine and Petroleum Geology</i> , 2014, 50, 22-39.	3.3	52
16	Facies architecture variations and seismogenic structures in the Carboniferous-Permian Saar-Nahe Basin (SW Germany): evidence for extension-related transfer fault activity. <i>Sedimentary Geology</i> , 1998, 119, 47-83.	2.1	51
17	Origin, age and stratigraphic significance of distal fallout ash tuffs from the Carboniferous-Permian continental Saar-Nahe Basin (SW Germany). <i>International Journal of Earth Sciences</i> , 2002, 91, 341-356.	1.8	46
18	Late Pliocene grassland from Olduvai Gorge, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 257, 280-293.	2.3	46

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19	Fingerprinting facies of the Tuff IF marker, with implications for early hominin palaeoecology, Olduvai Gorge, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 259, 382-409.	2.3	46
20	Interaction between bimodal volcanism, fluvial sedimentation and basin development in the Permo-Carboniferous Saar-Nahe Basin (south-west Germany). <i>Basin Research</i> , 1994, 6, 245-267.	2.7	43
21	Lithostratigraphy and depositional environments in the Waterberg-Erongo area, central Namibia, and correlation with the main Karoo Basin, South Africa. <i>Journal of African Earth Sciences</i> , 1999, 29, 105-123.	2.0	39
22	Bed II Sequence Stratigraphic context of EF-HR and HWK EE archaeological sites, and the Oldowan/Acheulean succession at Olduvai Gorge, Tanzania. <i>Journal of Human Evolution</i> , 2018, 120, 19-31.	2.6	39
23	New excavations at the HWK EE site: Archaeology, paleoenvironment and site formation processes during late Oldowan times at Olduvai Gorge, Tanzania. <i>Journal of Human Evolution</i> , 2018, 120, 140-202.	2.6	38
24	Plio-Pleistocene synsedimentary fault compartments, foundation for the eastern Olduvai Basin paleoenvironmental mosaic, Tanzania. <i>Journal of Human Evolution</i> , 2012, 63, 309-327.	2.6	36
25	The contexts and early Acheulean archaeology of the EF-HR paleo-landscape (Olduvai Gorge, Tanzania). <i>Journal of Human Evolution</i> , 2018, 120, 274-297.	2.6	34
26	How to identify oceanic crust—Evidence for a complex break-up in the Mozambique Channel, off East Africa. <i>Tectonophysics</i> , 2016, 693, 436-452.	2.2	33
27	Single-zircon U-Pb dating of Carboniferous-Permian tuffs, Namibia, and the intercontinental deglaciation cycle framework. , 2008, , 83-96.		31
28	Sub-Milankovitch paleoclimatic and paleoenvironmental variability in East Africa recorded by Pleistocene lacustrine sediments from Olduvai Gorge, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 495, 284-291.	2.3	31
29	New Olduvai Basin stratigraphy and stratigraphic concepts revealed by OGCP cores into the Palaeolake Olduvai depocentre, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 554, 109751.	2.3	31
30	Disequilibrium compaction overpressure in shales of the Bavarian Foreland Molasse Basin: Results and geographical distribution from velocity-based analyses. <i>Marine and Petroleum Geology</i> , 2018, 92, 37-50.	3.3	30
31	Discrimination, correlation, and provenance of Bed I tephrostratigraphic markers, Olduvai Gorge, Tanzania, based on multivariate analyses of phenocryst compositions. <i>Sedimentary Geology</i> , 2016, 339, 115-133.	2.1	29
32	Chronostratigraphy and age modeling of Pleistocene drill cores from the Olduvai Basin, Tanzania (Olduvai Gorge Coring Project). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 571, 109990.	2.3	29
33	Tectonic and volcanic controls on Early Jurassic rift-valley lake deposition during emplacement of Karoo flood basalts, southern Namibia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998, 140, 185-215.	2.3	27
34	Facies Discrimination in a Mixed Fluvio-Eolian Setting Using Elemental Whole-Rock Geochemistry—Applications for Reservoir Characterization. <i>Journal of Sedimentary Research</i> , 2007, 77, 23-33.	1.6	26
35	Vegetation landscape at DK locality, Olduvai Gorge, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 426, 34-45.	2.3	26
36	Palaeosalinity and palaeoclimatic geochemical proxies (elements Ti, Mg, Al) vary with Milankovitch cyclicity (1.3 to 2.0‰), OGCP cores, Palaeolake Olduvai, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 546, 109656.	2.3	25

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37	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
38	Incised valley fill sandstone bodies in Upper Carboniferous fluvio-deltaic strata: recognition and reservoir characterization of Southern North Sea analogues. Petroleum Geology Conference Proceedings, 1999, 5, 771-788.	0.7	23
39	Aquatic biomarkers record Pleistocene environmental changes at Paleolake Olduvai, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 524, 250-261.	2.3	22
40	Pliocene-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
41	Lahar inundated, modified, and preserved 1.88 Ma early hominin (OH24 and OH56) Olduvai DK site. Journal of Human Evolution, 2018, 116, 27-42.	2.6	21
42	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
43	In situ $\sim 2.0$ Ma trees discovered as fossil rooted stumps, lowermost Bed I, Olduvai Gorge, Tanzania. Journal of Human Evolution, 2016, 90, 74-87.	2.6	16
44	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
45	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
46	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
47	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
48	Olduvai's oldest Oldowan. Journal of Human Evolution, 2021, 150, 102910.	2.6	15
49	Permian. , 0, , 531-597.		15
50	Onshore equivalents of the main Kudu gas reservoir in Namibia. Geological Society Special Publication, 1999, 153, 345-365.	1.3	14
51	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
52	SYNDEPOSITIONAL TECTONIC CONTROLS AND PALAEO-TOPOGRAPHY OF A PERMIAN TIGHT GAS RESERVOIR IN NW GERMANY. Journal of Petroleum Geology, 2011, 34, 411-428.	1.5	14
53	Seismic imaging of the Olduvai Basin, Tanzania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 533, 109246.	2.3	14
54	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

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55	Synsedimentary faults and amalgamated unconformities: Insights from 3D-seismic and core analysis of the Lower Triassic Middle Buntsandstein, Ems Trough, north-western Germany. <i>International Journal of Earth Sciences</i> , 2005, 94, 863-875.	1.8	12
56	Pleistocene to Recent rejuvenation of the Hebron Fault, SW Namibia. <i>Geological Society Special Publication</i> , 2009, 316, 293-317.	1.3	12
57	Lithology-specific influence of particle size distribution and mineralogical composition on thermal conductivity measurements of rock fragments. <i>Geothermics</i> , 2019, 80, 119-128.	3.4	12
58	Oldest known stereospondylous amphibian from the Early Permian of Namibia. <i>Journal of Vertebrate Paleontology</i> , 2001, 21, 34-39.	1.0	11
59	Ultrasonic logging across unconformities – outcrop and core logger sonic patterns of the Early Triassic Middle Buntsandstein Hardegsen unconformity, southern Germany. <i>Sedimentary Geology</i> , 2011, 236, 185-196.	2.1	11
60	Salt kinematics and regional tectonics across a Permian gas field: a case study from East Frisia, NW Germany. <i>International Journal of Earth Sciences</i> , 2013, 102, 1701-1716.	1.8	11
61	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. <i>Tectonophysics</i> , 2019, 755, 1-9.	2.2	11
62	Changing depocentre environments of Palaeolake Olduvai and carbonates as marker horizons for hiatuses and lake-level extremes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 110032.	2.3	11
63	The Olduvai Gorge Coring Project: Drilling high resolution palaeoclimatic and palaeoenvironmental archives to constrain hominin evolution. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 561, 110059.	2.3	11
64	The Southwest Indian Ocean Bathymetric Compilation (swIOBC). <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 968-976.	2.5	10
65	Biogeochemical evidence for environmental changes of Pleistocene Lake Olduvai during the transitional sequence of OGCP core 2A that encompasses Tuff IB (~1.848 Ma). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 532, 109267.	2.3	10
66	Use of single-grain geochemistry of cryptic tuffs and volcanoclastic sandstones improves the tephrostratigraphic framework of Olduvai Gorge, Tanzania. <i>Quaternary Research</i> , 2013, 80, 235-249.	1.7	8
67	Pore-fluid-dependent controls of matrix and bulk thermal conductivity of mineralogically heterogeneous sandstones. <i>Geothermal Energy</i> , 2019, 7, .	1.9	8
68	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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 555, 109824.	2.3	8
69	Drainage and environmental evolution across the Permian–Triassic boundary in the south-east Germanic Basin (north-east Bavaria). <i>Sedimentology</i> , 2022, 69, 501-536.	3.1	8
70	Morphology and Fluvio-Aeolian Interaction of the Tropical Latitude, Ephemeral Braided-River Dominated Koigab Fan, North-West Namibia. , 0, , 99-120.		7
71	Palaeovegetation changes recorded in Palaeolake Olduvai OGCP Core 2A (2.09–2.12 Ma) Naibor Soit Formation Olduvai Gorge, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 557, 109928.	2.3	7
72	Core stratigraphy constrains Bed IV archaeological record at HEB site, Olduvai Gorge, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 552, 109773.	2.3	7

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73	Reconstructing environmental signals across the Permian-Triassic boundary in the SE Germanic Basin: A Quantitative Provenance Analysis (QPA) approach. <i>Global and Planetary Change</i> , 2021, 206, 103631.	3.5	7
74	Basin Fill. , 2008, , 156-245.		7
75	Synvolcanic Sedimentation in a Fluvial Depositional Environment: The Basal "Upper Rotliegend" of the Permo-carboniferous Saar-Nahe-Basin. <i>Zeitschrift Der Deutschen Geologischen Gesellschaft</i> , 1994, 145, 343-378.	0.1	7
76	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. <i>Geothermal Energy</i> , 2020, 8, .	1.9	7
77	OH 83: A new early modern human fossil cranium from the Ndutu beds of Olduvai Gorge, Tanzania. <i>American Journal of Physical Anthropology</i> , 2017, 164, 533-545.	2.1	6
78	Fluvial-aeolian sedimentary facies, Sossusvlei, Namib Desert. <i>Journal of Maps</i> , 2018, 14, 630-643.	2.0	6
79	Postvulkanische Rotliegend-Schwemmfächersysteme am Hunsrück-SÄndrand, Saar-Nahe-Becken, SW-Deutschland (Exkursion K am 13. April 2007). <i>Jahresbericht Und Mitteilungen Des Oberrheinischen Geologischen Vereins</i> , 2007, 89, 285-306.	0.2	6
80	Scaling analysis, correlation length and compaction estimates of natural and simulated stylolites. <i>Journal of Structural Geology</i> , 2022, 161, 104670.	2.3	6
81	Impact of arid surface megacracks on hydrocarbon reservoir properties. <i>AAPG Bulletin</i> , 2012, 96, 1279-1299.	1.5	5
82	Variscan structures and their control on latest to post-Variscan basin architecture: insights from the westernmost Bohemian Massif and southeastern Germany. <i>Solid Earth</i> , 2022, 13, 393-416.	2.8	5
83	Controls on reservoir compartmentalization of an Upper Permian tight gas field in Germany and links to a modern analogue in the Western US. <i>Petroleum Geoscience</i> , 2012, 18, 289-304.	1.5	4
84	The Franconian Basin thermal anomaly, SE Germany revised: New thermal conductivity and uniformly corrected temperature data. <i>Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften</i> , 2020, 171, 21-44.	0.4	4
85	Late to post-Variscan basement segmentation and differential exhumation along the SW Bohemian Massif, central Europe. <i>Solid Earth</i> , 2021, 12, 2277-2301.	2.8	4
86	Reconstructing post-Jurassic overburden in central Europe: new insights from mudstone compaction and thermal history analyses of the Franconian Alb, SE Germany. <i>Solid Earth</i> , 2022, 13, 1003-1026.	2.8	4
87	New Oldowan localities at high level within Kilombe Caldera, Kenya. <i>Anthropologie</i> , 2022, 126, 102976.	0.4	3
88	Syn-kinematic inversion in an intracontinental extensional field? A structural analysis of the Waterberg Thrust, northern Namibia. <i>Journal of Structural Geology</i> , 2022, 161, 104660.	2.3	3
89	High-resolution ultrasonic measurements as proxies to resolve clastic reservoir heterogeneity in a salt-cemented gas reservoir. <i>AAPG Bulletin</i> , 2012, 96, 1197-1209.	1.5	2
90	Biased preservation of Pleistocene climate variability proxies at Olduvai Gorge, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 562, 109940.	2.3	2

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91	Reconstructing environmental signals across the Permian-Triassic boundary in the SE Germanic basin: Paleodrainage modelling and quantification of sediment flux. <i>Global and Planetary Change</i> , 2021, 206, 103632.	3.5	2
92	PPFG Prediction in Complex Tectonic Settings: The North Alpine Thrust Front and Foreland Basin, SE Germany. , 2019, , .		2
93	The Franconian Basin thermal anomaly: testing its origin by conceptual 2-D models of deep-seated heat sources covered by low thermal conductivity sediments. <i>International Journal of Energy and Environmental Engineering</i> , 2019, 10, 389-412.	2.5	1
94	Alkenones in Pleistocene Upper Bed I (1.803â€“1.900ÂMa) sediments from Paleolake Olduvai, Tanzania. <i>Organic Geochemistry</i> , 2022, 170, 104437.	1.8	1
95	Reentering of an Overpressured Basin - The South German Molasse. , 2017, , .		0