

Hb Vonhof

List of Publications by Year in descending order

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83
papers

2,571
citations

172457

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223800

46
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98
docs citations

98
times ranked

3141
citing authors

#	ARTICLE	IF	CITATIONS
1	Fossil dripwater in stalagmites reveals Holocene temperature and rainfall variation in Amazonia. <i>Earth and Planetary Science Letters</i> , 2008, 275, 54-60.	4.4	201
2	Speleothem record of the last 180 kya in Villars cave (SW France): Investigation of a large $\delta^{18}O$ shift between MIS6 and MIS5. <i>Quaternary Science Reviews</i> , 2011, 30, 130-146.	3.0	99
3	An astronomically-tuned climate framework for hominins in the Turkana Basin. <i>Earth and Planetary Science Letters</i> , 2011, 307, 1-8.	4.4	89
4	Solar-forced 2600 BP and Little Ice Age highstands of the Caspian Sea. <i>Quaternary International</i> , 2007, 173-174, 137-143.	1.5	82
5	Relevance of aquatic environments for hominins: a case study from Trinil (Java, Indonesia). <i>Journal of Human Evolution</i> , 2009, 57, 656-671.	2.6	81
6	Recognition and Interpretation of Polygenic Discontinuity Surfaces in the Middle Cretaceous Shuaiba, Nahr Umr, and Natih Formations of Northern Oman. <i>Georabia</i> , 2000, 5, 299-322.	1.6	81
7	A continuous-flow crushing device for on-line δ^2H analysis of fluid inclusion water in speleothems. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2553-2558.	1.5	77
8	Paleogeography of Miocene Western Amazonia: Isotopic composition of molluscan shells constrains the influence of marine incursions. <i>Bulletin of the Geological Society of America</i> , 2003, 115, 983-993.	3.3	74
9	Reconstruction of the Miocene western Amazonian aquatic system using molluscan isotopic signatures. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998, 141, 85-93.	2.3	71
10	Seasonal stable isotope variations of the modern Amazonian freshwater bivalve <i>Anodontites trapesialis</i> . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 194, 339-354.	2.3	67
11	Seasonal Amazonian rainfall variation in the Miocene Climate Optimum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 221, 1-6.	2.3	67
12	Younger Dryas-Holocene temperature and rainfall history of southern Indonesia from $\delta^{18}O$ in speleothem calcite and fluid inclusions. <i>Earth and Planetary Science Letters</i> , 2010, 295, 30-36.	4.4	65
13	Growing spherulitic calcite grains in saline, hyperalkaline lakes: experimental evaluation of the effects of Mg-clays and organic acids. <i>Sedimentary Geology</i> , 2016, 335, 93-102.	2.1	58
14	Diagenetic patterns and pore space distribution along a platform to outer-shelf transect (Urgonian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	56
15	Improved age control on early Homo fossils from the upper Burgi Member at Koobi Fora, Kenya. <i>Journal of Human Evolution</i> , 2013, 65, 731-745.	2.6	52
16	Speleothem isotopic evidence of winter rainfall variability in northeast Turkey between 77 and 6 kya. <i>Quaternary Science Reviews</i> , 2012, 45, 60-72.	3.0	50
17	Seasonally resolved growth of freshwater bivalves determined by oxygen and carbon isotope shell chemistry. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	44
18	Modelling oceanic carbon and phosphorus fluxes: implications for the cause of the late Cenomanian Oceanic Anoxic Event (OAE2). <i>Journal of the Geological Society</i> , 2004, 161, 721-728.	2.1	43

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19	Fracturing and fluid flow during post-rift subsidence in carbonates of the Jandara Formation, Potiguar Basin, NE Brazil. Basin Research, 2017, 29, 836-853.	2.7	42
20	A depositional model for spherulitic carbonates associated with alkaline, volcanic lakes. Marine and Petroleum Geology, 2017, 86, 168-191.	3.3	41
21	Fracturing and calcite cementation controlling fluid flow in the shallow-water carbonates of the Jandara Formation, Brazil. Marine and Petroleum Geology, 2017, 80, 382-393.	3.3	39
22	Relevance of the eastern African coastal forest for early hominin biogeography. Journal of Human Evolution, 2019, 131, 176-202.	2.6	39
23	Measurement of $\delta^{18}\text{O}$ and $\delta^2\text{H}$ values of fluid inclusion water in speleothems using cavity ring-down spectroscopy compared with isotope ratio mass spectrometry. Rapid Communications in Mass Spectrometry, 2013, 27, 2616-2624.	1.5	37
24	Geochemical and palaeontological characterization of a new K-Pg Boundary locality from the Northern branch of the Neo-Tethys: Mudurnu  Gynk Basin, NW Turkey. Cretaceous Research, 2015, 52, 251-267.	1.4	36
25	Bahamian speleothem reveals temperature decrease associated with Heinrich stadials. Earth and Planetary Science Letters, 2015, 430, 377-386.	4.4	34
26	A multimillennial climatic context for the megafaunal extinctions in Madagascar and Mascarene Islands. Science Advances, 2020, 6, .	10.3	33
27	Use of speleologic data to evaluate Holocene uplifting and tilting: An example from the Frasassi anticline (northeastern Apennines, Italy). Earth and Planetary Science Letters, 2007, 257, 313-328.	4.4	32
28	Advances in planktonic foraminifer research: New perspectives for paleoceanography. Revue De Micropaleontologie, 2018, 61, 113-138.	0.4	32
29	Ecological implications from geochemical records of Miocene Western Amazonian bivalves. Journal of South American Earth Sciences, 2006, 21, 54-74.	1.4	31
30	Tooth enamel stable isotopes of Holocene and Pleistocene fossil fauna reveal glacial and interglacial paleoenvironments of hominins in Indonesia. Quaternary Science Reviews, 2016, 144, 145-154.	3.0	31
31	The Forest Effects on the Isotopic Composition of Rainfall in the Northwestern Amazon Basin. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031445.	3.3	31
32	Mid-Holocene (4200 kyr BP) mass mortalities in Mauritius (Mascarenes): Insular vertebrates resilient to climatic extremes but vulnerable to human impact. Holocene, 2011, 21, 1179-1194.	1.7	30
33	Megacity development and the demise of coastal coral communities: Evidence from coral skeleton $\delta^{15}\text{N}$ records in the Pearl River estuary. Global Change Biology, 2020, 26, 1338-1353.	9.5	30
34	The magnesium isotope record of cave carbonate archives. Climate of the Past, 2012, 8, 1849-1867.	3.4	29
35	Gradual or abrupt? Changes in water source of Lake Turkana (Kenya) during the African Humid Period inferred from Sr isotope ratios. Quaternary Science Reviews, 2017, 174, 1-12.	3.0	29
36	The use of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ isotopic analyses combined with chemometrics as a traceability tool for the geographical origin of bell peppers. Food Chemistry, 2016, 204, 122-128.	8.2	28

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37	Nitrogen isotopes in tooth enamel record diet and trophic level enrichment: Results from a controlled feeding experiment. <i>Chemical Geology</i> , 2021, 563, 120047.	3.3	28
38	A high-resolution fluid inclusion $\delta^{18}\text{O}$ record from a stalagmite in SW France: modern calibration and comparison with multiple proxies. <i>Quaternary Science Reviews</i> , 2015, 110, 152-165.	3.0	27
39	OXYGEN ISOTOPE COMPOSITION OF BIVALVE SEASONAL GROWTH INCREMENTS AND AMBIENT WATER IN THE RIVERS RHINE AND MEUSE. <i>Palaios</i> , 2009, 24, 497-504.	1.3	25
40	Environmental and climatic control on seasonal stable isotope variation of freshwater molluscan bivalves in the Turkana Basin (Kenya). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 383-384, 16-26.	2.3	25
41	Fluid evolution and ore deposition in the Harz Mountains revisited: isotope and crush-leach analyses of fluid inclusions. <i>Mineralium Deposita</i> , 2020, 55, 47-62.	4.1	25
42	On diving and diet: resource partitioning in type-Maastrichtian mosasaurs. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2013, 92, 165-170.	0.9	23
43	Inter-hemispheric synchronicity of Holocene precipitation anomalies controlled by Earth's latitudinal insolation gradients. <i>Nature Communications</i> , 2020, 11, 5447.	12.8	22
44	A comparison of isotope ratio mass spectrometry and cavity ring-down spectroscopy techniques for isotope analysis of fluid inclusion water. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8837.	1.5	22
45	Can shells of freshwater mussels (Unionidae) be used to estimate low summer discharge of rivers and associated droughts?. <i>International Journal of Earth Sciences</i> , 2011, 100, 1423-1432.	1.8	21
46	A Test of the Biogenicity Criteria Established for Microfossils and Stromatolites on Quaternary Tufa and Speleothem Materials Formed in the "Twilight Zone" at Caerwys, UK. <i>Astrobiology</i> , 2015, 15, 883-900.	3.0	21
47	Are spherulitic lacustrine carbonates an expression of large-scale mineral carbonation? A case study from the East Kirkton Limestone, Scotland. <i>Gondwana Research</i> , 2017, 48, 101-109.	6.0	21
48	Penultimate deglaciation Asian monsoon response to North Atlantic circulation collapse. <i>Nature Geoscience</i> , 2021, 14, 937-941.	12.9	21
49	Eastern Mediterranean climate change deduced from the Soreq Cave fluid inclusion stable isotopes and carbonate clumped isotopes record of the last 160 ka. <i>Quaternary Science Reviews</i> , 2021, 272, 107223.	3.0	20
50	On the Origin of Amazonian Landscapes and Biodiversity: A Synthesis. , 2011, , 419-431.		18
51	Neogene stratigraphy of the Langenboom locality (Noord-Brabant, the Netherlands). <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2008, 87, 165-180.	0.9	16
52	Belemnite-based strontium, carbon and oxygen isotope stratigraphy of the type area of the Maastrichtian Stage. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2011, 90, 259-270.	0.9	16
53	Australasian monsoon response to Dansgaard-Oeschger event 21 and teleconnections to higher latitudes. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 294-304.	4.4	15
54	Isotopic characterization of late Neogene travertine deposits at Barrancas Blancas in the eastern Atacama Desert, Chile. <i>Chemical Geology</i> , 2017, 466, 41-56.	3.3	15

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55	High-precision stable isotope analysis of $<5 \mu\text{g}$ CaCO_3 samples by continuous-flow mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8878.	1.5	14
56	Stable isotopes and geochemistry of a Campanian–Maastrichtian pelagic succession, Mudurnu–Göynüklü Basin, NW Turkey: Implications for palaeoceanography, palaeoclimate and sea-level fluctuations. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 453-466.	2.3	13
57	Tooth tales told by dental diet proxies: An alpine community of sympatric ruminants as a model to decipher the ecology of fossil fauna. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 562, 110077.	2.3	13
58	Stable isotopic records in unionid shells as a paleoenvironmental tool. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2005, 84, 403-408.	0.9	12
59	Oxygen and carbon stable isotope records of marine vertebrates from the type Maastrichtian, The Netherlands and northeast Belgium (Late Cretaceous). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 392, 71-78.	2.3	12
60	High-resolution reconstruction of 8.2 ka BP event documented in Pire Noëlle cave, southern Belgium. <i>Journal of Quaternary Science</i> , 2018, 33, 840-852.	2.1	12
61	Fluid-flow evolution in the Albanide fold-thrust belt: Insights from hydrogen and oxygen isotope ratios of fluid inclusions. <i>AAPG Bulletin</i> , 2019, 103, 2421-2445.	1.5	11
62	Global cooling accelerated by early late Eocene impacts?. <i>Geology</i> , 2000, 28, 687-690.	4.4	10
63	Last glacial and Holocene stable isotope record of fossil dripwater from subtropical Brazil based on analysis of fluid inclusions in stalagmites. <i>Chemical Geology</i> , 2017, 468, 84-96.	3.3	9
64	Hominin homelands of East Java: Revised stratigraphy and landscape reconstructions for Plio-Pleistocene Trinil. <i>Quaternary Science Reviews</i> , 2021, 260, 106912.	3.0	9
65	Seawater chemistry of a modern subtropical epeiric sea: Spatial variability and effects of organic decomposition. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 314, 159-177.	3.9	9
66	Hydroclimate variability of western Thailand during the last 1400 years. <i>Quaternary Science Reviews</i> , 2020, 241, 106423.	3.0	8
67	Cyclic sediment deposition by orbital forcing in the Miocene wetland of western Amazonia? New insights from a multidisciplinary approach. <i>Global and Planetary Change</i> , 2022, 210, 103717.	3.5	8
68	A molluscan perspective on hydrological cycle dynamics in northwestern Europe. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2010, 89, 51-60.	0.9	7
69	Mollusc biodiversity in late Holocene nearshore environments of the Caspian Sea: A baseline for the current biodiversity crisis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 535, 109364.	2.3	7
70	Isotope ratio infrared spectroscopy analysis of water samples without memory effects. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9055.	1.5	7
71	Climate Variation in Amazonia during the Neogene and the Quaternary. , 2011, , 199-210.		6
72	Temperature Reconstructions Using Speleothems. <i>Elements</i> , 2021, 17, 101-106.	0.5	6

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73	Central Asian modulation of Northern Hemisphere moisture transfer over the Late Cenozoic. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	6
74	Oxygen and carbon stable isotope records of the Lochkovian-Pragian boundary interval from the Prague Basin (Lower Devonian, Czech Republic). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 110036.	2.3	6
75	Last glacial millennial-scale hydro-climate and temperature changes in Puerto Rico constrained by speleothem fluid inclusion $\delta^{18}\text{O}$ and $\delta^2\text{H}$ values. <i>Climate of the Past</i> , 2022, 18, 167-181.	3.4	5
76	Variability in effective moisture inferred from inclusion fluid $\delta^{18}\text{O}$ and $\delta^2\text{H}$ values in a central Sierra Nevada stalagmite (CA). <i>Quaternary Science Reviews</i> , 2022, 279, 107399.	3.0	5
77	Stable isotopes, niche partitioning and the paucity of elasmosaur remains in the Maastrichtian type area. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2017, 96, 29-33.	0.9	4
78	Analytical Artefacts Preclude Reliable Isotope Ratio Measurement of Internal Water in Coral Skeletons. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 563-577.	3.1	2
79	An evaluation of inoceramid single-prism sclerochronology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 547, 109690.	2.3	1
80	Ocean warming is the key filter for successful colonization of the migrant octocoral <i>Melithaea erythraea</i> (Ehrenberg, 1834) in the Eastern Mediterranean Sea. <i>PeerJ</i> , 2020, 8, e9355.	2.0	1
81	Measurement of oxygen and hydrogen isotopic ratios of speleothem fluid inclusion water using Picarro. <i>Chinese Science Bulletin</i> , 2020, 65, 3626-3634.	0.7	1
82	A simple CO_2 equilibration method for measuring blood oxygen isotope compositions. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9256.	1.5	1
83	A multi-isotope and modelling approach for constraining hydro-connectivity in the East African Rift System, southern Ethiopia. <i>Quaternary Science Reviews</i> , 2022, 279, 107387.	3.0	0