Christian Zeeden

List of Publications by Year
in descending order

90 papers	2,208 citations	218662 26 h-index	265191 42 g-index
116 all docs	116 docs citations	116 times ranked	1793 citing authors

#	Article	IF	Citations
1	A decomposition approach to cyclostratigraphic signal processing. Earth-Science Reviews, 2022, 225, 103894.	9.1	2
2	Borehole logging and seismic data from Lake Ohrid (North Macedonia/Albania) as a basis for age-depth modelling over the last one million years. Quaternary Science Reviews, 2022, 276, 107295.	3.0	13
3	Decoding geochemical signals of the Schwalbenberg Loess-Palaeosol-Sequences â€" A key to Upper Pleistocene ecosystem responses to climate changes in western Central Europe. Catena, 2022, 212, 106076.	5.0	6
4	Half-precession signals in Lake Ohrid (Balkan) and their spatio-temporal relations to climate records from the European realm. Quaternary Science Reviews, 2022, 280, 107413.	3.0	9
5	Environmental reconstruction potentials of Loess-Paleosol-Sequences in Kashmir through high-resolution proxy data. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 601, 111100.	2.3	3
6	Millennial-scale terrestrial ecosystem responses to Upper Pleistocene climatic changes: 4D-reconstruction of the Schwalbenberg Loess-Palaeosol-Sequence (Middle Rhine Valley, Germany). Catena, 2021, 196, 104913.	5.0	26
7	Chronological Assessment of the Balta Alba Kurgan Loess-Paleosol Section (Romania) â€" A Comparative Study on Different Dating Methods for a Robust and Precise Age Model. Frontiers in Earth Science, 2021, 8, .	1.8	16
8	Magnetic Susceptibility Properties of Loess From the Willendorf Archaeological Site: Implications for the Syn/Post-Depositional Interpretation of Magnetic Fabric. Frontiers in Earth Science, 2021, 8, .	1.8	8
9	The Early Upper Paleolithic Site Crvenka-At, Serbiaâ€"The First Aurignacian Lowland Occupation Site in the Southern Carpathian Basin. Frontiers in Earth Science, 2021, 9, .	1.8	8
10	A chronological and palaeoenvironmental reâ€evaluation of two loessâ€palaeosol records in the northern Harz foreland, Germany, based on innovative modelling tools. Boreas, 2021, 50, 746-763.	2.4	10
11	Cyclostratigraphy and paleoenvironmental inference from downhole logging of sediments in tropical Lake Towuti, Indonesia. Journal of Paleolimnology, 2021, 65, 377-392.	1.6	7
12	Loess landscapes of Europe â€" Mapping, geomorphology, and zonal differentiation. Earth-Science Reviews, 2021, 215, 103496.	9.1	104
13	Sedimentology of a Late Quaternary lacustrine record from the southâ€eastern Carpathian Basin. Journal of Quaternary Science, 2021, 36, 1414-1425.	2.1	5
14	A Detailed Paleoclimate Proxy Record for the Middle Danube Basin Over the Last 430 kyr: A Rock Magnetic and Colorimetric Study of the Zemun Loess-Paleosol Sequence. Frontiers in Earth Science, 2021, 9, .	1.8	16
15	Organic carbon burial is paced by a ~173-ka obliquity cycle in the middle to high latitudes. Science Advances, 2021, 7, .	10.3	51
16	Insolation-paced sea level and sediment flux during the early Pleistocene in Southeast Asia. Scientific Reports, 2021, 11, 16707.	3.3	7
17	Local mineral dust transported by varying wind intensities forms the main substrate for loess in Kashmir. E&G Quaternary Science Journal, 2021, 70, 191-195.	0.7	5
18	High-resolution palaeoenvironmental reconstruction at Zmajevac (Croatia) over the last three glacial/interglacial cycles. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 576, 110504.	2.3	10

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19	Reply to the discussion paper by P. SÃ¼megi and S. GulyÃ¡s: Some notes on the interpretation and reliability of malacological proxies in paleotemperature reconstructions from loess- comments to Obreht et al.'s â€œA critical reevaluation of paleoclimate proxy records from loess in the Carpathian Basinâ€. Earth-Science Reviews, 2021, 220, 103737.	9.1	1
20	Geomorphological evolution of the Petrovaradin Fortress Palaeolithic site (Novi Sad, Serbia). Quaternary Research, 2021, 103, 21-34.	1.7	6
21	New chronology and extended palaeoenvironmental data to the 1975 loess profile of Madaras brickyard, South Hungary. Journal of Quaternary Science, 2021, 36, 1364-1381.	2.1	3
22	The Chronostratigraphy of the Aurignacian in the Northern Carpathian Basin Based on New Chronometric/Archeological Data from SeÅˆa I (Eastern Slovakia). Journal of Paleolithic Archaeology, 2020, 3, 77-96.	1.7	2
23	Initial quartz OSL and dust mass accumulation rate investigation of the Kisiljevo loess sequence in north-eastern Serbia. Quaternary International, 2020, , .	1.5	5
24	Paleoclimate records reveal elusive ~200-kyr eccentricity cycle for the first time. Global and Planetary Change, 2020, 194, 103296.	3.5	18
25	A postâ€‹<scp>IR IRSL</scp> chronology and dust mass accumulation rates of the Nosak loessâ€‹palaeosol sequence in northeastern Serbia. Boreas, 2020, 49, 841-857.	2.4	16
26	Rock Magnetic Cyclostratigraphy of Permian Loess in Eastern Equatorial Pangea (Salagou Formation,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	13
27	Lithological correction of chemical weathering proxies based on K, Rb, and Mg contents for isolation of orbital signals in clastic sedimentary archives. Sedimentary Geology, 2020, 406, 105717.	2.1	7
28	Loess-Palaeosol Sequences in the Kashmir Valley, NW Himalayas: A Review. Frontiers in Earth Science, 2020, 8, .	1.8	21
29	Smoothed millennial-scale palaeoclimatic reference data as unconventional comparison targets: Application to European loess records. Scientific Reports, 2020, 10, 5455.	3.3	8
30	A late Pliocene to early Pleistocene (3.3â€“2.1 Ma) orbital chronology for the Qaidam Basin paleolake (NE) Tj ETQq0 0 0 rgBT /Overlock	1.2	6
31	Editorial: <i>E&G Quaternary Science Journal</i> â€“ a community-based open-access journal. E&G Quaternary Science Journal, 2020, 68, 243-244.	0.7	0
32	Extending the tephra and palaeoenvironmental record of the Central Mediterranean back to 430 ka: A new core from Fucino Basin, central Italy. Quaternary Science Reviews, 2019, 225, 106003.	3.0	32
33	The Cyclostratigraphy Intercomparison Project (CIP): consistency, merits and pitfalls. Earth-Science Reviews, 2019, 199, 102965.	9.1	37
34	A critical reevaluation of palaeoclimate proxy records from loess in the Carpathian Basin. Earth-Science Reviews, 2019, 190, 498-520.	9.1	65
35	A multiproxy study of past environmental changes in the Sea of Okhotsk during the last 1.5â€¯Ma. Organic Geochemistry, 2019, 132, 50-61.	1.8	14
36	Time scale evaluation and the quantification of obliquity forcing. Quaternary Science Reviews, 2019, 209, 100-113.	3.0	19

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37	Orbital forcing and abrupt events in a continental weathering proxy from central Europe (Most) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 514, 423-440.	2.3	3
38	Late Quaternary environments in the Gobi Desert of Mongolia: Vegetation, hydrological, and palaeoclimate evolution. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 514, 77-91.	2.3	19
39	Landscape instability at the end of MIS 3 in western Central Europe: evidence from a multi proxy study on a Loess-Palaeosol-Sequence from the eastern Lower Rhine Embayment, Germany. Quaternary International, 2019, 502, 119-136.	1.5	17
40	Quartz OSL dating of late quaternary Chinese and Serbian loess: A cross Eurasian comparison of dust mass accumulation rates. Quaternary International, 2019, 502, 30-44.	1.5	44
41	High-resolution paleoclimatic proxy data from the MIS3/2 transition recorded in northeastern Hungarian loess. Quaternary International, 2019, 502, 95-107.	1.5	21
42	Precession and atmospheric CO2 modulated variability of sea ice in the central Okhotsk Sea since 130,000 years ago. Earth and Planetary Science Letters, 2018, 488, 36-45.	4.4	23
43	Oceanic heat pulses fueling moisture transport towards continental Europe across the mid-Pleistocene transition. Quaternary Science Reviews, 2018, 179, 48-58.	3.0	21
44	Patterns and timing of loess-paleosol transitions in Eurasia: Constraints for paleoclimate studies. Global and Planetary Change, 2018, 162, 1-7.	3.5	35
45	Loess correlations â€“ Between myth and reality. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 509, 4-23.	2.3	31
46	The Crvenka loess-paleosol sequence: A record of continuous grassland domination in the southern Carpathian Basin during the Late Pleistocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 509, 33-46.	2.3	38
47	Millennial scale climate oscillations recorded in the Lower Danube loess over the last glacial period. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 509, 164-181.	2.3	48
48	Early Upper Paleolithic surface collections from loess-like sediments in the northern Carpathian Basin. Quaternary International, 2018, 485, 167-182.	1.5	9
49	OSL chronologies of paleoenvironmental dynamics recorded by loess-paleosol sequences from Europe: Case studies from the Rhine-Meuse area and the Neckar Basin. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 509, 105-125.	2.3	22
50	The Aurignacian way of life: Contextualizing early modern human adaptation in the Carpathian Basin. Quaternary International, 2018, 485, 150-166.	1.5	27
51	North Atlantic influence on Holocene flooding in the southern Greater Caucasus. Holocene, 2018, 28, 609-620.	1.7	8
52	Discriminating luminescence age uncertainty composition for a robust Bayesian modelling. Quaternary Geochronology, 2018, 43, 30-39.	1.4	26
53	Reply to â€œThe Gravettian and the Epigravettian chronology in eastern central Europe: A comment on BÃ¶sken et al. 2017â€• Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 506, 270-271.	2.3	2
54	Reconstruction of Late Pleistocene paleoenvironments in southern Germany using two high-resolution loess-paleosol records. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 509, 58-76.	2.3	10

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55	Prevailing surface winds in Northern Serbia in the recent and past time periods; modern- and past dust deposition. Aeolian Research, 2018, 31, 117-129.	2.7	42
56	Investigating the last glacial Gravettian site â€˜SÃ¡gvÃ¡r Lyukas Hillâ€™ (Hungary) and its paleoenvironmental and geochronological context using a multi-proxy approach. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 509, 77-90.	2.3	19
57	Short-term soil formation events in last glacial east European loess, evidence from multi-method luminescence dating. Quaternary Science Reviews, 2018, 200, 34-51.	3.0	34
58	Integrated stratigraphy of ODP Site 1115 (Solomon Sea, southwestern equatorial Pacific) over the past 3.2â€˜Ma. Marine Micropaleontology, 2018, 144, 25-37.	1.2	10
59	Loess distribution and related Quaternary sediments in the Carpathian Basin. Journal of Maps, 2018, 14, 661-670.	2.0	29
60	Approaches and challenges to the study of loessâ€”Introduction to the LoessFest Special Issue. Quaternary Research, 2018, 89, 563-618.	1.7	92
61	Monsoonal Forcing of European Iceâ€Sheet Dynamics During the Late Quaternary. Geophysical Research Letters, 2018, 45, 7066-7074.	4.0	17
62	Taner filter settings and automatic correlation optimisation for cyclostratigraphic studies. Computers and Geosciences, 2018, 119, 18-28.	4.2	19
63	Digital image analysis of outcropping sediments: Comparison to photospectrometric data from Quaternary loess deposits at ÅžanoviÅ£a (Romania) and Achenheim (France). Quaternary International, 2017, 429, 100-107.	1.5	25
64	Spatial loess distribution in the eastern Carpathian Basin: a novel approach based on geoscientific maps and data. Journal of Maps, 2017, 13, 173-181.	2.0	20
65	Milankovitch cycles in an equatorial delta from the Miocene of Borneo. Earth and Planetary Science Letters, 2017, 472, 229-240.	4.4	11
66	Mediterranean Outflow Water dynamics during the past ~570Âkyr: Regional and global implications. Paleoceanography, 2017, 32, 634-647.	3.0	23
67	Geochemical imprints of coupled paleoenvironmental and provenance change in the lacustrine sequence of Orog Nuur, Gobi Desert of Mongolia. Journal of Paleolimnology, 2017, 58, 511-532.	1.6	19
68	Shift of large-scale atmospheric systems over Europe during late MIS 3 and implications for Modern Human dispersal. Scientific Reports, 2017, 7, 5848.	3.3	86
69	New luminescence-based geochronology framing the last two glacial cycles at the southern limit of European Pleistocene loess in StalaÄ‡ (Serbia). Geochronometria, 2017, 44, 150-161.	0.8	20
70	The Eltville Tephra (Western Europe) age revised: Integrating stratigraphic and dating information from different Last Glacial loess localities. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 466, 240-251.	2.3	19
71	REPRODUCIBILITY IN CYCLOSTRATIGRAPHY: INITIATING AN INTERCOMPARISON PROJECT. , 2017, , .		1
72	Tracing the influence of Mediterranean climate on Southeastern Europe during the past 350,000 years. Scientific Reports, 2016, 6, 36334.	3.3	80

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73	Three climatic cycles recorded in a loess-palaeosol sequence at Semlac (Romania) â€“ Implications for dust accumulation in south-eastern Europe. Quaternary Science Reviews, 2016, 154, 130-142.	3.0	65
74	A Multi-Proxy Analysis of two Loess-Paleosol Sequences in the Northern Harz Foreland, Germany. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 461, 401-417.	2.3	41
75	Demographic estimates of hunterâ€“gatherers during the Last Glacial Maximum in Europe against the background of palaeoenvironmental data. Quaternary International, 2016, 425, 49-61.	1.5	55
76	Discriminating sediment archives and sedimentary processes in the arid endorheic Ejina Basin, NW China using a robust geochemical approach. Journal of Asian Earth Sciences, 2016, 119, 128-144.	2.3	9
77	Aeolian dynamics at the Orlovat loessâ€“paleosol sequence, northern Serbia, based on detailed textural and geochemical evidence. Aeolian Research, 2015, 18, 69-81.	2.7	56
78	Loess magnetic fabric of the Krems-Wachtberg archaeological site. Quaternary International, 2015, 372, 188-194.	1.5	23
79	Stratigraphic continuity and fragmentary sedimentation: the success of cyclostratigraphy as part of integrated stratigraphy. Geological Society Special Publication, 2015, 404, 157-197.	1.3	66
80	Testing astronomically tuned age models. Paleoceanography, 2015, 30, 369-383.	3.0	54
81	Sediment color as a tool in cyclostratigraphy â€“ a new application for improved data acquisition and correction from drill cores. Newsletters on Stratigraphy, 2015, 48, 277-285.	1.2	7
82	Low-latitude climate variability in the Heinrich frequency band of the Late Cretaceous greenhouse world. Climate of the Past, 2014, 10, 1001-1015.	3.4	11
83	The Miocene astronomical time scale 9-12â€‰Ma: New constraints on tidal dissipation and their implications for paleoclimatic investigations. Paleoceanography, 2014, 29, 296-307.	3.0	33
84	An astronomical age for the Bishop Tuff and concordance with radioisotopic dates. Geophysical Research Letters, 2014, 41, 3478-3484.	4.0	20
85	Comment on Colleoni et al. (2012): Integrated stratigraphy and pitfalls of automated tuning. Earth and Planetary Science Letters, 2014, 387, 22-24.	4.4	2
86	Revised Miocene splice, astronomical tuning and calcareous plankton biochronology of ODP Site 926 between 5 and 14.4Ma. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 369, 430-451.	2.3	53
87	A refined astronomically calibrated 40Ar/39Ar age for Fish Canyon sanidine. Earth and Planetary Science Letters, 2011, 311, 420-426.	4.4	124
88	Loess stratigraphy using palaeomagnetism: Application to the Poiana CireÅŸului archaeological site (Romania). Quaternary International, 2011, 240, 100-107.	1.5	17
89	Depressions on the Titel loess plateau: Form, pattern, genesis. Geographica Pannonica, 2007, , 4-8.	1.3	18
90	Palaeoecological background of the Upper Palaeolithic site of SÃ¡gvÃ¡r, Hungary: radiocarbonâ€dated malacological and sedimentological studies on the Late Pleistocene environment. Journal of Quaternary Science, 0, , .	2.1	3