Kim M Cohen

List of Publications by Year
in descending order

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Version: 2024-02-01

72 papers	5,183 citations	186209 28 h-index	95218 68 g-index
86 all docs	86 docs citations	86 times ranked	5745 citing authors

#	Article	IF	Citations
1	The ICS International Chronostratigraphic Chart. Episodes, 2013, 36, 199-204.	0.8	2,105
2	Late Pleistocene evolution of the Rhine-Meuse system in the southern North Sea basin: imprints of climate change, sea-level oscillation and glacio-isostacy. Quaternary Science Reviews, 2007, 26, 3216-3248.	1.4	227
3	Sedimentary architecture of abandoned channel fills. Earth Surface Processes and Landforms, 2012, 37, 459-472.	1.2	223
4	A new approach towards anomalous fading correction for feldspar IRSL dating â€" tests on samples in field saturation. Radiation Measurements, 2008, 43, 786-790.	0.7	181
5	Global chronostratigraphical correlation table for the last 2.7 million years. Episodes, 2008, 31, 243-247.	0.8	154
6	Timing and magnitude of the sea-level jump preluding the 8200 yr event. Geology, 2010, 38, 275-278.	2.0	152
7	Global chronostratigraphical correlation table for the last 2.7 million years, version 2019 QI-500. Quaternary International, 2019, 500, 20-31.	0.7	119
8	Response of the Rineâ€"Meuse fluvial system to Saalian iceâ€sheet dynamics. Boreas, 2008, 37, 377-398.	1.2	118
9	Pleistocene Rineâ€"Thames landscapes: geological background for hominin occupation of the southern North Sea region. Journal of Quaternary Science, 2012, 27, 17-39.	1.1	110
10	Holocene floodplain sediment storage and hillslope erosion within the Rhine catchment. Holocene, 2007, 17, 105-118.	0.9	109
11	Fluvial terrace formation in the northern Upper Rhine Graben during the last 20000Âyears as a result of allogenic controls and autogenic evolution. Geomorphology, 2009, 103, 476-495.	1.1	93
12	Holocene transgression of the Rhine river mouth area, The Netherlands/Southern North Sea: palaeogeography and sequence stratigraphy. Sedimentology, 2011, 58, 1453-1485.	1.6	83
13	Lower Rhine historical flood magnitudes of the last 450years reproduced from grain-size measurements of flood deposits using End Member Modelling. Catena, 2015, 130, 69-81.	2.2	81
14	Evolution of a bifurcation in a meandering river with adjustable channel widths, Rhine delta apex, The Netherlands. Earth Surface Processes and Landforms, 2011, 36, 2011-2027.	1.2	75
15	Late Middle Pleistocene glaciation in East Anglia, England. Boreas, 2009, 38, 504-528.	1.2	70
16	From river valley to estuary: the evolution of the Rhine mouth in the early to middle Holocene (western Netherlands, Rhine-Meuse delta). Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2009, 88, 13-53.	0.6	67
17	The earliest occupation of north-west Europe: a coastal perspective. Quaternary International, 2012, 271, 70-83.	0.7	67
18	Middle Paleolithic complex technology and a Neandertal tar-backed tool from the Dutch North Sea. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22081-22087.	3.3	64

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19	North Sea palaeogeographical reconstructions for the last 1 Ma. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2014, 93, 7-29.	0.6	60
20	Holocene evolution of tidal systems in The Netherlands: Effects of rivers, coastal boundary conditions, eco-engineering species, inherited relief and human interference. Earth-Science Reviews, 2018, 177, 139-163.	4.0	54
21	Avulsion in action: Reconstruction and modelling sedimentation pace and upstream flood water levels following a Medieval tidal-river diversion catastrophe (Biesbosch, The Netherlands, 1421â€“1750) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	47
22	Sedimentary architecture and optical dating of Middle and Late Pleistocene Rhine-Meuse deposits - fluvial response to climate change, sea-level fluctuation and glaciation. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2005, 84, 25-41.	0.6	49
23	Holocene sea-level database for the Rhine-Meuse Delta, The Netherlands: Implications for the pre-8.2 ka sea-level jump. Quaternary Science Reviews, 2019, 214, 68-86.	1.4	48
24	Natural levee evolution in the Rhine-Meuse delta, the Netherlands, during the first millennium CE. Geomorphology, 2017, 295, 215-234.	1.1	41
25	Fluvial deposits as a record for Late Quaternary neotectonic activity in the Rhine-Meuse delta, The Netherlands. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2002, 81, 389-405.	0.6	41
26	The Usumacintaâ€“Grijalva beach-ridge plain in southern Mexico: a high-resolution archive of river discharge and precipitation. Earth Surface Dynamics, 2017, 5, 529-556.	1.0	37
27	3D Geostatistical Interpolation and Geological Interpretation of Paleoâ€“Groundwater Rise in the Holocene Coastal Prism in the Netherlands. , 2011, , 341-364.		36
28	Late Holocene coastal-plain evolution of the Netherlands: the role of natural preconditions in human-induced sea ingressions. Proceedings of the Geologists Association, 2017, 128, 180-197.	0.6	35
29	The use of GIS in reconstructing the Holocene palaeogeography of the Rhineâ€“Meuse delta, The Netherlands. International Journal of Geographical Information Science, 2007, 21, 589-602.	2.2	31
30	Late Holocene lowland fluvial archives and geoarchaeology: Utrecht's case study of Rhine river abandonment under Roman and Medieval settlement. Quaternary Science Reviews, 2017, 166, 227-265.	1.4	29
31	Geological Heterogeneity of Coastal Unconsolidated Groundwater Systems Worldwide and Its Influence on Offshore Fresh Groundwater Occurrence. Frontiers in Earth Science, 2020, 7, .	0.8	28
32	Avulsion and its Implications for Fluvial-Deltaic Architecture<subtitle>Insights from the Holocene Rhineâ€“Meuse Delta</subtitle>. , 2011, , .		28
33	A new GIS approach for reconstructing and mapping dynamic late Holocene coastal plain palaeogeography. Geomorphology, 2016, 270, 55-70.	1.1	27
34	The Blake Event recorded near the Eemian type locality â€“ A diachronic onset of the Eemian in Europe. Quaternary Geochronology, 2015, 28, 12-28.	0.6	26
35	Near-field sea-level variability in northwest Europe and ice sheet stability during the last interglacial. Quaternary Science Reviews, 2015, 126, 26-40.	1.4	26
36	Climate-driven fluvial development and valley abandonment at the last glacial-interglacial transition (Oude IJssel-Rhine, Germany). Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2012, 91, 37-62.	0.6	23

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37	Three-dimensional distribution of organic matter in coastal-deltaic peat: Implications for subsidence and carbon dioxide emissions by human-induced peat oxidation. Anthropocene, 2018, 22, 1-9.	1.6	21
38	The influence of hydroclimatic variability on flood frequency in the Lower Rhine. Earth Surface Processes and Landforms, 2016, 41, 1266-1275.	1.2	19
39	Improving age-depth models of fluvio-lacustrine deposits using sedimentary proxies for accumulation rates. Quaternary Geochronology, 2016, 33, 35-45.	0.6	19
40	Sea-level change in the Dutch Wadden Sea. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2018, 97, 79-127.	0.6	19
41	An improved method for paleoflood reconstruction and flooding phase identification, applied to the Meuse River in the Netherlands. Global and Planetary Change, 2019, 177, 213-224.	1.6	19
42	A staged geogenetic approach to underwater archaeological prospection in the Port of Rotterdam (Yangtzehaven, Maasvlakte, TheÂNetherlands): A geological and palaeoenvironmental case study for local mapping of Mesolithic lowland landscapes. Quaternary International, 2015, 367, 4-31.	0.7	18
43	Human-caused avulsion in the Rhine-Meuse delta before historic embankment (The Netherlands). Geology, 2018, 46, 935-938.	2.0	18
44	Preservation of meandering river channels in uniformly aggrading channel belts. Sedimentology, 2016, 63, 586-608.	1.6	17
45	Generic 3D interpolation of Holocene baseâ€level rise and provision of accommodation space, developed for the Netherlands coastal plain and infilled palaeovalleys. Basin Research, 2017, 29, 775-797.	1.3	17
46	The impact of avulsion on groundwater level and peat formation in delta floodbasins during the middle-Holocene transgression in the Rhine-Meuse delta, The Netherlands. Holocene, 2017, 27, 1694-1706.	0.9	16
47	Longâ€term evolution of the Old Rhine estuary: Unravelling effects of changing boundary conditions and inherited landscape. Depositional Record, 2019, 5, 84-108.	0.8	16
48	Patterns in river channel sinuosity of the Meuse, Roer and Rhine rivers in the Lower Rhine Embayment rift-system, are they tectonically forced?. Geomorphology, 2021, 375, 107550.	1.1	15
49	Formal ratification of subseries for the Pleistocene Series of the Quaternary System. Episodes, 2021, 44, 241-247.	0.8	15
50	Spatial and temporal variations in river terrace formation, preservation, and morphology in the Lower Meuse Valley, The Netherlands. Quaternary Research, 2019, 91, 548-569.	1.0	14
51	LiDAR-derived high-resolution palaeo-DEM construction workflow and application to the early medieval Lower Rhine valley and upper delta. Geomorphology, 2020, 370, 107370.	1.1	14
52	High-Resolution Sedimentary Paleoflood Records in Alluvial River Environments: A Review of Recent Methodological Advances and Application to Flood Hazard Assessment. Geography of the Physical Environment, 2020, , 213-228.	0.2	12
53	Preservation of Last Interglacial and Holocene transgressive systems tracts in the Netherlands and its applicability as a North Sea Basin reservoir analogue. Earth-Science Reviews, 2019, 188, 482-497.	4.0	10
54	Late Holocene flood magnitudes in the Lower Rhine river valley and upper delta resolved by a twoâ€dimensional hydraulic modelling approach. Earth Surface Processes and Landforms, 2021, 46, 853-868.	1.2	10

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55	Late Quaternary landscape evolution of the buried incised valley of Concordia Sagittaria (Tagliamento River, NE Italy): A reconstruction of incision and transgression. Geomorphology, 2021, 373, 107509.	1.1	9
56	Introduction to North Sea submerged landscapes and prehistory. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2014, 93, 3-5.	0.6	7
57	Applying Pattern Oriented Sampling in current fieldwork practice to enable more effective model evaluation in fluvial landscape evolution research. Earth Surface Processes and Landforms, 2018, 43, 2964-2980.	1.2	7
58	Comment on â€˜Causes, consequences and chronology of largeâ€•magnitude palaeoflows in Middle and Late Pleistocene river systems of northwest Europeâ€™ by Westaway and Bridgland (2010). Earth Surface Processes and Landforms, 2011, 36, 1836-1840.	1.2	5
59	Using 14C-Dated Peat Beds for Reconstructing Subsidence by Compression in the Holland Coastal Plain of the Netherlands. Journal of Coastal Research, 2018, 34, 1035.	0.1	5
60	The use of geological, geomorphological and soil mapping products in palaeolandscape reconstructions for the Netherlands. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2020, 99, .	0.6	5
61	The Transgressive Earlyâ€“Middle Holocene Boundary: The Case for a GSSP at Rotterdam, Rhine Delta, North Sea Basin. Springer Geology, 2014, , 925-929.	0.2	5
62	Dutch national scientific research program on land subsidence: Living on soft soils â€“ subsidence and society. Proceedings of the International Association of Hydrological Sciences, 0, 382, 815-819.	1.0	5
63	Sedimentary architecture and landforms of the late Saalian (MIS 6) ice sheet margin offshore of the Netherlands. Earth Surface Dynamics, 2021, 9, 1399-1421.	1.0	5
64	Last Interglacial sea-level data points from Northwest Europe. Earth System Science Data, 2022, 14, 2895-2937.	3.7	5
65	Pleistocene geology of the Palaeolithic sequence at Redhill, Thetford, Norfolk, England. Proceedings of the Geologists Association, 2008, 119, 175-192.	0.6	4
66	Comment on: Mid-Holocene water-level changes in the lower Rhine-Meuse delta (western) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 312 Td palaeoriver-gradients and coastal evolution by Van de Plassche et al. (2010). Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2011, 90, 51-54.	0.6	4
67	Reconstructing medieval eroded landscapes of the north-eastern Zuyder Zee (the Netherlands): a refined palaeogeographical time series of the Noordoostpolder between a.d. 1100 and 1400. Landscape History, 2020, 41, 27-56.	0.1	3
68	Palaeoflood level reconstructions in a lowland setting from urban archaeological stratigraphy, Rhine river delta, the Netherlands. Catena, 2022, 212, 106031.	2.2	2
69	Alfred P. Dachnowski and the Scientific Study of Peats. Soil Horizons, 2011, 52, 111.	0.3	1
70	Depressions caused by localized subsidence in the Netherlands, Belgium and Germany: a link with coal mining?. Proceedings of the International Association of Hydrological Sciences, 0, 382, 201-205.	1.0	1
71	Late Holocene differential subsidence and relative sea level rise in the Tabasco Delta, Mexico. Proceedings of the International Association of Hydrological Sciences, 0, 382, 149-153.	1.0	1
72	The â€œAnthropoceneâ€•and â€œthe Present is the Key to the Pastâ€• Springer Geology, 2014, , 919-923.	0.2	0