

Ole R Clausen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5662566/publications.pdf>

Version: 2024-02-01

48
papers

1,454
citations

331259

21
h-index

329751

37
g-index

54
all docs

54
docs citations

54
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of western Scandinavian topography: A review of Neogene uplift versus the ICE (isostasyâ€“climateâ€“erosion) hypothesis. <i>Journal of Geodynamics</i> , 2009, 47, 72-95.	0.7	167
2	A morphometric analysis of tunnel valleys in the eastern North Sea based on 3D seismic data. <i>Journal of Quaternary Science</i> , 2007, 22, 801-815.	1.1	98
3	Morphology and distribution of Oligocene and Miocene pockmarks in the Danish North Sea â€“ implications for bottom current activity and fluid migration. <i>Basin Research</i> , 2008, 20, 445-466.	1.3	88
4	basin%R_o: A vitrinite reflectance model derived from basin and laboratory data. <i>Basin Research</i> , 2017, 29, 515-536.	1.3	86
5	Small-Scale Mantle Convection Produces Stratigraphic Sequences in Sedimentary Basins. <i>Science</i> , 2010, 329, 827-830.	6.0	74
6	3D seismic expression of fluid migration and mud remobilization on the Gjallar Ridge, offshore mid-Norway. <i>Basin Research</i> , 2005, 17, 123-139.	1.3	68
7	Plate-wide stress relaxation explains European Palaeocene basin inversions. <i>Nature</i> , 2005, 435, 195-198.	13.7	66
8	Factors controlling the Cenozoic sequence development in the eastern parts of the North Sea. <i>Journal of the Geological Society</i> , 1999, 156, 809-816.	0.9	65
9	Morphology and origin of major Cenozoic sequence boundaries in the eastern North Sea Basin: top Eocene, near-top Oligocene and the mid-Miocene unconformity. <i>Basin Research</i> , 2001, 13, 17-41.	1.3	63
10	Timeâ€“transgressive tunnel valley formation indicated by infill sediment structure, North Sea â€“ the role of glaciohydraulic supercooling. <i>Earth Surface Processes and Landforms</i> , 2008, 33, 546-559.	1.2	57
11	Detailed stratigraphic subdivision and regional correlation of the southern Danish Triassic succession. <i>Marine and Petroleum Geology</i> , 2002, 19, 563-587.	1.5	42
12	Lithostratigraphy of the Palaeogene â€“ Lower Neogene succession of the Danish North Sea. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 0, 12, 1-77.	2.0	41
13	Oligocene sequence stratigraphy and basin development in the Danish North Sea sector based on log interpretations. <i>Marine and Petroleum Geology</i> , 1997, 14, 931-950.	1.5	36
14	Late Triassic structural evolution of the southern margin of the RingkÃ¸bing-Fyn High, Denmark. <i>Marine and Petroleum Geology</i> , 1999, 16, 653-665.	1.5	31
15	Geological indications for Palaeogene uplift in the eastern North Sea Basin. <i>Global and Planetary Change</i> , 2000, 24, 175-187.	1.6	31
16	Ice stream reorganization and glacial retreat on the northwest Greenland shelf. <i>Geophysical Research Letters</i> , 2017, 44, 7826-7835.	1.5	29
17	Patterns of <sc>C</sc>enozoic sediment flux from western <sc>S</sc>candinavia. <i>Basin Research</i> , 2012, 24, 377-400.	1.3	27
18	Reconstructing Holocene temperature and salinity variations in the western Baltic Sea region: a multi-proxy comparison from the Little Belt (IODP Expedition 347, Site M0059). <i>Biogeosciences</i> , 2017, 14, 5607-5632.	1.3	26

#	ARTICLE	IF	CITATIONS
19	Paleocene initiation of Cenozoic uplift in Norway. Geological Society Special Publication, 2002, 196, 45-65.	0.8	23
20	A new strategy for discrete element numerical models: 2. Sandbox applications. Journal of Geophysical Research, 2007, 112, .	3.3	23
21	A giant (5.3Å–107m ³) middle Miocene (c. 15Ma) sediment mound (M1) above the Siri Canyon, Norwegianâ€“Danish Basin: Origin and significance. Marine and Petroleum Geology, 2009, 26, 1640-1655.	1.5	23
22	The Holocene Great Belt connection to the southern Kattegat, Scandinavia: Ancylus Lake drainage and Early Littorina Sea transgression. Boreas, 2017, 46, 53-68.	1.2	23
23	Influence of Precambrian shear zones on the formation of oceanic fracture zones along the continental margin of Brazil. Marine and Petroleum Geology, 2019, 101, 322-333.	1.5	23
24	Tertiary tectonic evolution along the Arneâ€“lin Trend in the Danish Central Trough. Terra Nova, 1993, 5, 233-243.	0.9	22
25	Mid-Palaeocene palaeogeography of the eastern North Sea basin: integrating geological evidence and 3D geodynamic modelling. Basin Research, 2002, 14, 329-346.	1.3	22
26	Small-scale faulting as an indicator of deformation mechanism in the tertiary sediments of the northern Danish Central Trough. Journal of Structural Geology, 1993, 15, 1343-1357.	1.0	21
27	Planar detaching faults in the southern Horn Graben, Danish North Sea. Marine and Petroleum Geology, 1996, 13, 537-548.	1.5	20
28	Thick- and thin-skinned basin inversion in the Danish Central Graben, North Sea â€“ the role of deep evaporites and basement kinematics. Solid Earth, 2021, 12, 1719-1747.	1.2	19
29	Stratigraphic correlation of late Palaeocene sand deposits in the SÅgne Basin area of the Danish and Norwegian central North Sea. Terra Nova, 1995, 7, 516-527.	0.9	17
30	Cliniform migration patterns of a Late Miocene delta complex in the Danish Central Graben; implications for relative seaâ€“level changes. Basin Research, 2009, 21, 704-720.	1.3	14
31	A composite mud volcano system in the Chalk Group of the North Sea Central Graben. Journal of the Geological Society, 2010, 167, 1209-1224.	0.9	12
32	Cenozoic erosion and flexural isostasy of Scandinavia. Journal of Geodynamics, 2013, 70, 49-57.	0.7	12
33	Evolution of the west Greenland margin: offshore thermostratigraphic data and modelling. Journal of the Geological Society, 2012, 169, 515-530.	0.9	11
34	Evidence for a grounded ice sheet in the central North Sea during the early Middle Pleistocene Donian Glaciation. Journal of the Geological Society, 2018, 175, 291-307.	0.9	10
35	Formation and widening of a North Sea tunnel valley - The impact of slope processes on valley morphology. Geomorphology, 2020, 368, 107347.	1.1	9
36	Mid-Paleocene palaeogeography of the Danish area. Bulletin of the Geological Society of Denmark, 2002, 49, 171-186.	1.1	9

#	ARTICLE	IF	CITATIONS
37	An integrated subsurface analysis of clastic remobilization and injection; a case study from the Oligocene succession of the eastern North Sea. Basin Research, 2014, 26, 641-674.	1.3	7
38	Tectonic vs climatic control on the sequence development, examples from the Paleogene succession in the eastern North Sea area. Bulletin of the Geological Society of Denmark, 1998, 45, 63-71.	1.1	7
39	3D Seismic Analysis Reveals the Origin of Ambiguous Erosional Features at a Major Sequence Boundary in the Eastern North Sea: near Top Oligocene. Geological Society Memoir, 2004, 29, 83-90.	0.9	6
40	Natural fractures and discontinuities in a Lower Cretaceous chalk-marlstone reservoir, Valdemar Field, Danish North Sea. Marine and Petroleum Geology, 2022, 136, 105445.	1.5	5
41	Continental-scale structural heritage from rift extension to postrift inversion: Implications for the central Brazilian Equatorial Margin evolution. Tectonophysics, 2022, 837, 229446.	0.9	5
42	Fault patterns within sediment layers overlying rising salt structures: A numerical modelling approach. Journal of Structural Geology, 2014, 58, 69-78.	1.0	3
43	A Late Paleozoic sill complex and related paleo-topography in the eastern North Sea analyzed using 3D seismic data. Tectonophysics, 2016, 674, 76-88.	0.9	3
44	Deposition or remobilization of the enigmatic Hefring Member sand, eastern North Sea – A multidisciplinary approach. Marine and Petroleum Geology, 2019, 109, 245-267.	1.5	3
45	Early Holocene estuary development of the Hesselbåge Bay area, southern Kattegat, Denmark and its implication for Ancylus Lake drainage. Geo-Marine Letters, 2017, 37, 579-591.	0.5	2
46	Colophon, contents, abstract, introduction, geological setting, previous work and material and methods. Geological Survey of Denmark and Greenland Bulletin, 0, 12, 1-16.	2.0	2
47	Reply to comment of E. S. Rasmussen and K. Dybkjær on Patterns of Cenozoic sediment flux from western Scandinavia, by B. Górnowski, S. B. Nielsen and O. R. Clausen, Basin Research (2012), 24(4), 377-400. Basin Research, 2014, 26, 347-350.	1.3	1
48	Influence of sample conditions on shear wave velocity measurements in a sedimentary stiff clay. Marine Georesources and Geotechnology, 2021, 39, 448-458.	1.2	1