

Ole R Clausen

List of Publications by Citations

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47
papers

1,167
citations

20
h-index

33
g-index

54
ext. papers

1,298
ext. citations

4.8
avg, IF

4.22
L-index

#	Paper	IF	Citations
47	The evolution of western Scandinavian topography: A review of Neogene uplift versus the ICE (isostasy-climate-erosion) hypothesis. <i>Journal of Geodynamics</i> , 2009 , 47, 72-95	2.2	144
46	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	2.3	87
45	Morphology and distribution of Oligocene and Miocene pockmarks in the Danish North Sea – implications for bottom current activity and fluid migration. <i>Basin Research</i> , 2008 , 20, 445-466	3.2	71
44	Small-scale mantle convection produces stratigraphic sequences in sedimentary basins. <i>Science</i> , 2010 , 329, 827-30	33.3	61
43	3D seismic expression of fluid migration and mud remobilization on the Gjallar Ridge, offshore mid-Norway. <i>Basin Research</i> , 2005 , 17, 123-139	3.2	61
42	Plate-wide stress relaxation explains European Palaeocene basin inversions. <i>Nature</i> , 2005 , 435, 195-8	50.4	55
41	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	3.2	54
40	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	2.7	53
39	basin%Ro: A vitrinite reflectance model derived from basin and laboratory data. <i>Basin Research</i> , 2017 , 29, 515-536	3.2	52
38	Time-transgressive tunnel valley formation indicated by infill sediment structure, North Sea – the role of glaciohydraulic supercooling. <i>Earth Surface Processes and Landforms</i> , 2008 , 33, 546-559	3.7	51
37	Detailed stratigraphic subdivision and regional correlation of the southern Danish Triassic succession. <i>Marine and Petroleum Geology</i> , 2002 , 19, 563-587	4.7	35
36	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	4.7	29
35	Late Triassic structural evolution of the southern margin of the Ringkøbing-Fyn High, Denmark. <i>Marine and Petroleum Geology</i> , 1999 , 16, 653-665	4.7	28
34	Lithostratigraphy of the Palaeogene – Lower Neogene succession of the Danish North Sea. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 12, 1-77		26
33	Patterns of Cenozoic sediment flux from western Scandinavia. <i>Basin Research</i> , 2012 , 24, 377-400	3.2	24
32	Geological indications for Palaeogene uplift in the eastern North Sea Basin. <i>Global and Planetary Change</i> , 2000 , 24, 175-187	4.2	24
31	The Holocene Great Belt connection to the southern Kattegat, Scandinavia: Ancylus Lake drainage and Early Littorina Sea transgression. <i>Boreas</i> , 2017 , 46, 53-68	2.4	22

30	Ice stream reorganization and glacial retreat on the northwest Greenland shelf. <i>Geophysical Research Letters</i> , 2017 , 44, 7826-7835	4.9	22
29	A giant (5.3–107m ³) middle Miocene (c. 15Ma) sediment mound (M1) above the Siri Canyon, Norwegian-Danish Basin: Origin and significance. <i>Marine and Petroleum Geology</i> , 2009 , 26, 1640-1655	4.7	21
28	Mid-Palaeocene palaeogeography of the eastern North Sea basin: integrating geological evidence and 3D geodynamic modelling. <i>Basin Research</i> , 2002 , 14, 329-346	3.2	20
27	Small-scale faulting as an indicator of deformation mechanism in the tertiary sediments of the northern Danish Central Trough. <i>Journal of Structural Geology</i> , 1993 , 15, 1343-1357	3	20
26	A new strategy for discrete element numerical models: 2. Sandbox applications. <i>Journal of Geophysical Research</i> , 2007 , 112,		19
25	Planar detaching faults in the southern Horn Graben, Danish North Sea. <i>Marine and Petroleum Geology</i> , 1996 , 13, 537-548	4.7	18
24	Tertiary tectonic evolution along the Arne-Elin Trend in the Danish Central Trough. <i>Terra Nova</i> , 1993 , 5, 233-243	3	17
23	Reconstructing Holocene temperature and salinity variations in the western Baltic Sea region: a multi-proxy comparison from the Little Belt (IODP Expedition B47, Site M0059). <i>Biogeosciences</i> , 2017 , 14, 5607-5632	4.6	16
22	Paleocene initiation of Cenozoic uplift in Norway. <i>Geological Society Special Publication</i> , 2002 , 196, 45-65	1.7	15
21	Influence of Precambrian shear zones on the formation of oceanic fracture zones along the continental margin of Brazil. <i>Marine and Petroleum Geology</i> , 2019 , 101, 322-333	4.7	14
20	Stratigraphic correlation of late Palaeocene sand deposits in the Sjøne Basin area of the Danish and Norwegian central North Sea. <i>Terra Nova</i> , 1995 , 7, 516-527	3	13
19	Cliniform migration patterns of a Late Miocene delta complex in the Danish Central Graben; implications for relative sea-level changes. <i>Basin Research</i> , 2009 , 21, 704-720	3.2	12
18	Cenozoic erosion and flexural isostasy of Scandinavia. <i>Journal of Geodynamics</i> , 2013 , 70, 49-57	2.2	9
17	A composite mud volcano system in the Chalk Group of the North Sea Central Graben. <i>Journal of the Geological Society</i> , 2010 , 167, 1209-1224	2.7	9
16	Evolution of the west Greenland margin: offshore thermostratigraphic data and modelling. <i>Journal of the Geological Society</i> , 2012 , 169, 515-530	2.7	9
15	Thick- and thin-skinned basin inversion in the Danish Central Graben, North Sea [The role of deep evaporites and basement kinematics. <i>Solid Earth</i> , 2021 , 12, 1719-1747	3.3	8
14	Evidence for a grounded ice sheet in the central North Sea during the early Middle Pleistocene Donian Glaciation. <i>Journal of the Geological Society</i> , 2018 , 175, 291-307	2.7	7
13	An integrated subsurface analysis of clastic remobilization and injection; a case study from the Oligocene succession of the eastern North Sea. <i>Basin Research</i> , 2014 , 26, 641-674	3.2	7

12	Mid-Paleocene palaeogeography of the Danish area. <i>Bulletin of the Geological Society of Denmark</i> , 2002 , 49, 171-186	1	7
11	3D Seismic Analysis Reveals the Origin of Ambiguous Erosional Features at a Major Sequence Boundary in the Eastern North Sea: near Top Oligocene. <i>Geological Society Memoir</i> , 2004 , 29, 83-90	0.4	6
10	Tectonic vs climatic control on the sequence development, examples from the Paleogene succession in the eastern North Sea area. <i>Bulletin of the Geological Society of Denmark</i> , 1998 , 45, 63-71	1	5
9	A Late Paleozoic sill complex and related paleo-topography in the eastern North Sea analyzed using 3D seismic data. <i>Tectonophysics</i> , 2016 , 674, 76-88	3.1	3
8	Deposition or remobilization of the enigmatic Hefring Member sand, eastern North Sea – A multidisciplinary approach. <i>Marine and Petroleum Geology</i> , 2019 , 109, 245-267	4.7	3
7	Formation and widening of a North Sea tunnel valley - The impact of slope processes on valley morphology. <i>Geomorphology</i> , 2020 , 368, 107347	4.3	3
6	Fault patterns within sediment layers overlying rising salt structures: A numerical modelling approach. <i>Journal of Structural Geology</i> , 2014 , 58, 69-78	3	2
5	Colophon, contents, abstract, introduction, geological setting, previous work and material and methods. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 12, 1-16		2
4	Early Holocene estuary development of the Hesselø Bay area, southern Kattegat, Denmark and its implication for Ancyclus Lake drainage. <i>Geo-Marine Letters</i> , 2017 , 37, 579-591	1.9	1
3	Reply to comment of E. S. Rasmussen and K. Dybkjær on Patterns of Cenozoic sediment flux from western Scandinavia, by B. Gołowski, S. B. Nielsen and O. R. Clausen, Basin Research (2012), 24(4), 377-400. <i>Basin Research</i> , 2014 , 26, 347-350	3.2	1
2	Natural fractures and discontinuities in a Lower Cretaceous chalk-marlstone reservoir, Valdemar Field, Danish North Sea. <i>Marine and Petroleum Geology</i> , 2021 , 105445	4.7	0
1	Influence of sample conditions on shear wave velocity measurements in a sedimentary stiff clay. <i>Marine Georesources and Geotechnology</i> , 2021 , 39, 448-458	2.2	0