

# Mads Huuse

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3241240/mads-huuse-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121  
papers

3,725  
citations

33  
h-index

56  
g-index

129  
ext. papers

4,184  
ext. citations

3.4  
avg, IF

5.66  
L-index

#	Paper	IF	Citations
121	Seal bypass systems. <i>AAPG Bulletin</i> , <b>2007</b> , 91, 1141-1166	2.5	287
120	A review of kinematic indicators from mass-transport complexes using 3D seismic data. <i>Marine and Petroleum Geology</i> , <b>2009</b> , 26, 1132-1151	4.7	281
119	Overdeepened Quaternary valleys in the eastern Danish North Sea: morphology and origin. <i>Quaternary Science Reviews</i> , <b>2000</b> , 19, 1233-1253	3.9	211
118	The evolution of western Scandinavian topography: A review of Neogene uplift versus the ICE (isostasy-climate-erosion) hypothesis. <i>Journal of Geodynamics</i> , <b>2009</b> , 47, 72-95	2.2	144
117	3D seismic technology: the geological Hubble. <i>Basin Research</i> , <b>2005</b> , 17, 1-20	3.2	96
116	Subsurface sediment remobilization and fluid flow in sedimentary basins: an overview. <i>Basin Research</i> , <b>2010</b> , 22, 342-360	3.2	93
115	Prolonged post-rift magmatism on highly extended crust of divergent continental margins (Baiyun Sag, South China Sea). <i>Earth and Planetary Science Letters</i> , <b>2016</b> , 445, 79-91	5.3	90
114	A morphometric analysis of tunnel valleys in the eastern North Sea based on 3D seismic data. <i>Journal of Quaternary Science</i> , <b>2007</b> , 22, 801-815	2.3	87
113	Bulls-eye-pockmarks and polygonal faulting in the Lower Congo Basin: Relative timing and implications for fluid expulsion during shallow burial. <i>Marine Geology</i> , <b>2011</b> , 279, 111-127	3.3	85
112	Seismic volcanostratigraphy of the western Indian rifted margin: The pre-Deccan igneous province. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		84
111	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> , <b>2008</b> , 20, 445-466	3.2	71
110	Eocene sandstone intrusions in the Tampen Spur area (Norwegian North Sea Quad 34) imaged by 3D seismic data. <i>Marine and Petroleum Geology</i> , <b>2004</b> , 21, 141-155	4.7	70
109	Cenozoic evolution of the eastern Danish North Sea. <i>Marine Geology</i> , <b>2001</b> , 177, 243-269	3.3	64
108	Significance of large-scale sand injectites as long-term fluid conduits: evidence from seismic data. <i>Geofluids</i> , <b>2003</b> , 3, 263-274	1.5	61
107	3D seismic expression of fluid migration and mud remobilization on the Gjallar Ridge, offshore mid-Norway. <i>Basin Research</i> , <b>2005</b> , 17, 123-139	3.2	61
106	Gas hydrate pingoes: Deep seafloor evidence of focused fluid flow on continental margins. <i>Geology</i> , <b>2012</b> , 40, 207-210	5	54
105	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> , <b>2001</b> , 13, 17-41	3.2	54

104	Submarine volcanic mounds in the Pearl River Mouth Basin, northern South China Sea. <i>Marine Geology</i> , <b>2014</b> , 355, 162-172	3.3	52
103	The geometry and emplacement of conical sandstone intrusions. <i>Journal of Structural Geology</i> , <b>2008</b> , 30, 854-867	3	51
102	Time-transgressive tunnel valley formation indicated by infill sediment structure, North Sea [the role of glaciohydraulic supercooling. <i>Earth Surface Processes and Landforms</i> , <b>2008</b> , 33, 546-559	3.7	51
101	Salt on the move: Multi stage evolution of salt diapirs in the Netherlands North Sea. <i>Marine and Petroleum Geology</i> , <b>2015</b> , 61, 39-55	4.7	46
100	Large-scale conical sandstone intrusions and polygonal fault systems in Tranche 6, Faroe-Shetland Basin. <i>Marine and Petroleum Geology</i> , <b>2007</b> , 24, 173-188	4.7	43
99	Large-scale erosional response of SE Asia to monsoon evolution reconstructed from sedimentary records of the Song Hong-Yinggehai and Qiongdongnan basins, South China Sea. <i>Geological Society Special Publication</i> , <b>2010</b> , 342, 219-244	1.7	41
98	Sand injectites: an emerging global play in deep-water clastic environments. <i>Petroleum Geology Conference Proceedings</i> , <b>2005</b> , 6, 133-144		39
97	Topography of the Top Chalk surface on- and offshore Denmark. <i>Marine and Petroleum Geology</i> , <b>1999</b> , 16, 677-691	4.7	38
96	Hydrocarbon plumbing systems of salt minibasins offshore Angola revealed by three-dimensional seismic analysis. <i>AAPG Bulletin</i> , <b>2011</b> , 95, 1039-1065	2.5	37
95	Giant clastic intrusions primed by silica diagenesis. <i>Geology</i> , <b>2006</b> , 34, 917	5	37
94	Extensive marine-terminating ice sheets in Europe from 2.5 million years ago. <i>Science Advances</i> , <b>2018</b> , 4, eaar8327	14.3	36
93	Three-dimensional seismic characterisation of large-scale sandstone intrusions in the lower Palaeogene of the North Sea: completely injected vs. in situ remobilised sandbodies. <i>Basin Research</i> , <b>2010</b> , 22, 517-532	3.2	35
92	Seismic Characteristics of Large-Scale Sandstone Intrusions in the Paleogene of the South Viking Graben, UK and Norwegian North Sea. <i>Geological Society Memoir</i> , <b>2004</b> , 29, 263-278	0.4	35
91	Birth of a mud volcano: East Java, 29 May 2006. <i>GSA Today</i> , <b>2007</b> , 17, 4	2.8	35
90	Late Cenozoic palaeogeography of the eastern North Sea Basin: climatic vs tectonic forcing of basin margin uplift and deltaic progradation. <i>Bulletin of the Geological Society of Denmark</i> , <b>2002</b> , 49, 145-170	1	35
89	Seismic inversion for acoustic impedance and porosity of Cenozoic cool-water carbonates on the upper continental slope of the Great Australian Bight. <i>Marine Geology</i> , <b>2005</b> , 215, 123-134	3.3	33
88	Detailed morphology of the Top Chalk surface in the eastern Danish North Sea. <i>Petroleum Geoscience</i> , <b>1999</b> , 5, 303-314	1.9	32
87	Giant fossil mass wasting off the coast of West India: The Nataraja submarine slide. <i>Earth and Planetary Science Letters</i> , <b>2015</b> , 432, 265-272	5.3	31

86	Giant sandstone pipes record basin-scale liquefaction of buried dune sands in the Middle Jurassic of SE Utah. <i>Terra Nova</i> , <b>2005</b> , 17, 80-85	3	31
85	The ICE hypothesis stands: How the dogma of late Cenozoic tectonic uplift can no longer be sustained in the light of data and physical laws. <i>Journal of Geodynamics</i> , <b>2010</b> , 50, 102-111	2.2	30
84	Geometry and kinematics of salt-detached ramp syncline basins. <i>Journal of Structural Geology</i> , <b>2018</b> , 115, 208-230	3	29
83	Geometry of winglike clastic intrusions adjacent to a deep-water channel complex: Implications for hydrocarbon exploration and production. <i>AAPG Bulletin</i> , <b>2011</b> , 95, 559-584	2.5	29
82	Numerical modelling of thrust structures in unconsolidated sediments: implications for glaciotectonic deformation. <i>Journal of Structural Geology</i> , <b>2005</b> , 27, 587-596	3	29
81	3D seismic geomorphology of a large Plio-Pleistocene delta [Bright spots] and contourites in the Southern North Sea. <i>Marine and Petroleum Geology</i> , <b>2012</b> , 38, 143-157	4.7	28
80	Subsurface fluid flow in the deep-water Kwanza Basin, offshore Angola. <i>Basin Research</i> , <b>2017</b> , 29, 149-179	2	25
79	Glacial geomorphology of the central Barents Sea: Implications for the dynamic deglaciation of the Barents Sea Ice Sheet. <i>Marine Geology</i> , <b>2017</b> , 387, 114-131	3.3	24
78	Eleven phases of Greenland Ice Sheet shelf-edge advance over the past 2.7 million years. <i>Nature Geoscience</i> , <b>2019</b> , 12, 361-368	18.3	24
77	Geological indications for Palaeogene uplift in the eastern North Sea Basin. <i>Global and Planetary Change</i> , <b>2000</b> , 24, 175-187	4.2	24
76	Enigmatic large-scale furrows of Miocene to Pliocene age from the central North Sea: current-scoured pockmarks?. <i>Geo-Marine Letters</i> , <b>2011</b> , 31, 437-449	1.9	23
75	The glaciogenic unconformity of the southern North Sea. <i>Geological Society Special Publication</i> , <b>2012</b> , 368, 99-110	1.7	23
74	Glaciogenic reservoirs and hydrocarbon systems: an introduction. <i>Geological Society Special Publication</i> , <b>2012</b> , 368, 1-28	1.7	23
73	Cenozoic uplift and denudation of southern Norway: insights from the North Sea Basin. <i>Geological Society Special Publication</i> , <b>2002</b> , 196, 209-233	1.7	23
72	Post-mid-Cretaceous eastern North Sea evolution inferred from 3D thermo-mechanical modelling. <i>Tectonophysics</i> , <b>2002</b> , 350, 315-342	3.1	23
71	Seismic imaging of complex geometry: Forward modeling of sandstone intrusions. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 513, 51-63	5.3	23
70	Ice stream reorganization and glacial retreat on the northwest Greenland shelf. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 7826-7835	4.9	22
69	Characterizing the Paleocene turbidites of the North Sea: the Mey Sandstone Member, Lista Formation, UK Central Graben. <i>Petroleum Geoscience</i> , <b>2012</b> , 18, 337-354	1.9	22

68	A giant (5.31107m <sup>3</sup> ) middle Miocene (c. 15Ma) sediment mound (M1) above the Siri Canyon, NorwegianDanish Basin: Origin and significance. <i>Marine and Petroleum Geology</i> , <b>2009</b> , 26, 1640-1655	4.7	21
67	Kilometre-scale sandstone intrusions in the Eocene of the Outer Moray Firth (UK North Sea): migration paths, reservoirs and potential drilling hazards. <i>Petroleum Geology Conference Proceedings</i> , <b>2005</b> , 6, 1577-1594		21
66	Iceberg scours, pits, and pockmarks in the North Falkland Basin. <i>Marine Geology</i> , <b>2017</b> , 386, 140-152	3.3	20
65	Buried iceberg scours reveal reduced North Atlantic Current during the stage 12 deglacial. <i>Nature Communications</i> , <b>2016</b> , 7, 10927	17.4	20
64	A subsurface evacuation model for submarine slope failure. <i>Basin Research</i> , <b>2009</b> , 21, 433-443	3.2	20
63	Mid-Palaeocene palaeogeography of the eastern North Sea basin: integrating geological evidence and 3D geodynamic modelling. <i>Basin Research</i> , <b>2002</b> , 14, 329-346	3.2	20
62	Pockmark formation by porewater expulsion during rapid progradation in the offshore Taranaki Basin, New Zealand. <i>Marine and Petroleum Geology</i> , <b>2017</b> , 82, 399-413	4.7	19
61	Sandstone intrusions: detection and significance for exploration and production. <i>First Break</i> , <b>2003</b> , 21,	0.5	19
60	Multistage erosion and infill of buried Pleistocene tunnel valleys and associated seismic velocity effects. <i>Geological Society Special Publication</i> , <b>2012</b> , 368, 159-172	1.7	18
59	Infill of tunnel valleys associated with landward-flowing ice sheets: The missing Middle Pleistocene record of the NW European rivers?. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2014</b> , 15, 1-9	3.6	17
58	Kinematics of Polygonal Fault Systems: Observations from the Northern North Sea. <i>Frontiers in Earth Science</i> , <b>2017</b> , 5,	3.5	17
57	Cenozoic mud volcano activity along the Indus Fan: offshore Pakistan. <i>Basin Research</i> , <b>2009</b> , 22, 398-413	3.2	17
56	The early Quaternary North Sea Basin. <i>Journal of the Geological Society</i> , <b>2018</b> , 175, 275-290	2.7	17
55	Sediment waves with a biogenic twist in Pleistocene cool water carbonates, Great Australian Bight. <i>Marine Geology</i> , <b>2010</b> , 278, 122-139	3.3	16
54	Extrusive sandstones (extrudites): a new class of stratigraphic trap?. <i>Geological Society Special Publication</i> , <b>2006</b> , 254, 289-300	1.7	16
53	Giant submarine landslide triggered by Paleocene mantle plume activity in the North Atlantic. <i>Geology</i> , <b>2018</b> , 46, 511-514	5	16
52	Gas migration below gas hydrates controlled by mass transport complexes, offshore Mauritania. <i>Marine and Petroleum Geology</i> , <b>2013</b> , 48, 366-378	4.7	15
51	Paleocene initiation of Cenozoic uplift in Norway. <i>Geological Society Special Publication</i> , <b>2002</b> , 196, 45-65	1.7	15

50	The influence of base-salt relief, rift topography and regional events on salt tectonics offshore Morocco. <i>Marine and Petroleum Geology</i> , <b>2019</b> , 103, 87-113	4.7	14
49	New evidence for the origin of the Porcupine Median Volcanic Ridge: Early Cretaceous volcanism in the Porcupine Basin, Atlantic margin of Ireland. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2012</b> , 13, n/a-n/a	3.6	14
48	Early Quaternary sedimentary processes and palaeoenvironments in the central North Sea. <i>Journal of Quaternary Science</i> , <b>2017</b> , 32, 127-144	2.3	13
47	Slip sliding away: Enigma of large sandy blocks within a gas-bearing mass transport deposit, offshore northwestern Greenland. <i>AAPG Bulletin</i> , <b>2020</b> , 104, 1011-1043	2.5	13
46	Late Eocene onset of the Proto-Antarctic Circumpolar Current. <i>Scientific Reports</i> , <b>2019</b> , 9, 10125	4.9	13
45	The stratigraphic evolution of onlap in siliciclastic deep-water systems: Autogenic modulation of allogenic signals. <i>Journal of Sedimentary Research</i> , <b>2019</b> , 89, 890-917	2.1	13
44	The influence of shortening and sedimentation on rejuvenation of salt diapirs: A new Discrete-Element Modelling approach. <i>Journal of Structural Geology</i> , <b>2017</b> , 104, 61-79	3	12
43	Canyon-confined pockmarks on the western Niger Delta slope. <i>Journal of African Earth Sciences</i> , <b>2015</b> , 107, 15-27	2.2	12
42	Three-dimensional seismic analysis of high-amplitude anomalies in the shallow subsurface of the Northern Indus Fan: Sedimentary and/or fluid origin. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		12
41	Large-scale glaciotectonic thrust structures in the eastern Danish North Sea. <i>Geological Society Special Publication</i> , <b>2000</b> , 176, 293-305	1.7	12
40	Characterizing the Paleocene turbidites of the North Sea: Maureen Formation, UK Central Graben. <i>Geological Society Special Publication</i> , <b>2015</b> , 403, 43-62	1.7	11
39	Silica diagenesis in Cenozoic mudstones of the North Viking Graben: physical properties and basin modelling. <i>Basin Research</i> , <b>2017</b> , 29, 556-575	3.2	10
38	Late Cenozoic environmental changes along the Norwegian margin. <i>Marine Geology</i> , <b>2017</b> , 393, 216-244	3.3	9
37	Seismic investigations of buried tunnel valleys on- and offshore Denmark. <i>Geological Society Special Publication</i> , <b>2012</b> , 368, 129-144	1.7	9
36	Paleocene deep-water depositional systems in the North Sea Basin. <i>Petroleum Geoscience</i> , <b>2012</b> , 18, 97-114	1.4	9
35	Shallow gas and gas hydrate occurrences on the northwest Greenland shelf margin. <i>Marine Geology</i> , <b>2021</b> , 432, 106382	3.3	9
34	A Persistent Norwegian Atlantic Current Through the Pleistocene Glacials. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 5599-5608	4.9	8
33	Giant middle Eocene bryozoan reef mounds in the Great Australian Bight. <i>Geology</i> , <b>2014</b> , 42, 683-686	5	8

32	Discussion of Gabrielsen et al. (2010): Latest Caledonian to Present tectonomorphological development of southern Norway. <i>Marine and Petroleum Geology</i> , <b>2010</b> , 27, 1285-1289	4.7	8
31	Thermal regime of the northwest Indian rifted margin [Comparison with predictions. <i>Marine and Petroleum Geology</i> , <b>2010</b> , 27, 1133-1147	4.7	8
30	Seafloor and buried mounds on the western slope of the Niger Delta. <i>Marine and Petroleum Geology</i> , <b>2017</b> , 83, 158-173	4.7	7
29	Application of outcrop analogues in successful exploration of a sand injection complex, Volund Field, Norwegian North Sea. <i>Geological Society Special Publication</i> , <b>2016</b> , 436, 75-92	1.7	7
28	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> , <b>2018</b> , 175, 291-307	2.7	7
27	An integrated 3D seismic, petrophysical and analogue core study of the Mid-Eocene Grid channel complex in the greater Nelson Field area, UK Central North Sea. <i>Petroleum Geoscience</i> , <b>2011</b> , 17, 127-142 <sup>1.9</sup>		7
26	Geohazard detection using 3D seismic data to enhance offshore scientific drilling site selection. <i>Scientific Drilling</i> , 28, 1-27		7
25	Cretaceous continental margin evolution revealed using quantitative seismic geomorphology, offshore northwest Africa. <i>Basin Research</i> , <b>2021</b> , 33, 66-90	3.2	7
24	Megaclasts within mass-transport deposits: their origin, characteristics and effect on substrates and succeeding flows. <i>Geological Society Special Publication</i> , <b>2020</b> , 500, 515-530	1.7	6
23	Subsurface sediment remobilization and fluid flow in sedimentary basins: preface. <i>Basin Research</i> , <b>2010</b> , 22, 341-341	3.2	6
22	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> , <b>2004</b> , 29, 83-90	0.4	6
21	Seismic Expression of Large-Scale Sand Remobilisation and Injection in Paleogene Reservoirs of the North Sea Basin and Beyonds <b>2001</b> ,		6
20	Regional distribution and controls on the development of post-rift turbidite systems: insights from the Paleocene of the eastern North Viking Graben, offshore Norway. <i>Petroleum Geology Conference Proceedings</i> , <b>2018</b> , 8, 147-170		5
19	Sand injection and polygonal faulting in the Great South Basin, New Zealand. <i>Geological Society Special Publication</i> , <b>2021</b> , 493, 11-28	1.7	5
18	Impact of silica diagenesis on the porosity of fine-grained strata: An analysis of Cenozoic mudstones from the North Sea. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 1537-1549	3.6	4
17	Seismic characterization of a Bottom Simulating Reflection (BSR) and plumbing system of the Cameroon margin, offshore West Africa. <i>Marine and Petroleum Geology</i> , <b>2015</b> , 68, 629-647	4.7	3
16	Reply to comment of P. Japsen et al. on [Cenozoic evolution of the eastern Danish North Sea] <i>Marine Geology</i> , <b>2002</b> , 186, 577-581	3.3	3
15	Sand Diapiric Structures and Poly-Phase Sand Remobilisation in the Santa Cruz Area, Central Coastal California <b>2002</b> ,		3

14	Repeated ice streaming on the northwest Greenland continental shelf since the onset of the Middle Pleistocene Transition. <i>Cryosphere</i> , <b>2020</b> , 14, 2303-2312	5.5	3
13	A regional CO2 containment assessment of the northern Utsira Formation seal and overburden, northern North Sea. <i>Basin Research</i> , <b>2021</b> , 33, 1985-2017	3.2	3
12	Pleistocene tunnel valleys in the North Sea Basin. <i>Geological Society Memoir</i> , <b>2016</b> , 46, 207-208	0.4	3
11	Mass transport deposit (MTD) relief as a control on post-MTD sedimentation: Insights from the Taranaki Basin, offshore New Zealand. <i>Marine and Petroleum Geology</i> , <b>2020</b> , 120, 104489	4.7	2
10	Deriving relationships between diapir spacing and salt-layer thickness in the Southern North Sea. <i>Geological Society Special Publication</i> , <b>2018</b> , 469, 119-137	1.7	2
9	Unusual Facies and Geometries of the Paleogene Deep-Water Systems in the North Sea - Effects of Sand Remobilisation <b>2002</b> ,		2
8	Seismic geomorphology and evolution of the Melville Bugt trough mouth fan, northwest Greenland. <i>Quaternary Science Reviews</i> , <b>2021</b> , 255, 106798	3.9	2
7	Geomechanical characterization of mud volcanoes using P-wave velocity datasets. <i>Geological Society Special Publication</i> , <b>2017</b> , 458, 273-292	1.7	1
6	An introduction to glaciated margins: the sedimentary and geophysical archive. <i>Geological Society Special Publication</i> , <b>2019</b> , 475, 1-8	1.7	1
5	An introduction to seismic reflection data: acquisition, processing and interpretation <b>2020</b> , 571-603		1
4	Seismic Characteristics of Paleo-Pockmarks in the Great South Basin, New Zealand. <i>Frontiers in Earth Science</i> , <b>2021</b> , 9,	3.5	1
3	Tunnel valley infill and genesis revealed by high-resolution 3-D seismic data. <i>Geology</i> ,	5	1
2	Introduction: subsurface sand remobilization and injection. <i>Geological Society Special Publication</i> , <b>2021</b> , 493, 1-10	1.7	1
1	Middle to late Pleistocene palaeoceanography inferred from ridge-furrow structures on the continental slope offshore Angola. <i>Marine Geology</i> , <b>2021</b> , 439, 106562	3.3	