Jan I Faleide

List of Publications by Year
in descending order

158 papers	6,952 citations	47006 47 h-index	74163 75 g-index
159 all docs	159 docs citations	159 times ranked	2619 citing authors

#	Article	IF	Citations
1	Structure and evolution of the continental margin off Norway and the Barents Sea. Episodes, 2008, 31, 82-91.	1.2	378
2	Late Mesozoic-Cenozoic evolution of the south-western Barents Sea in a regional rift-shear tectonic setting. Marine and Petroleum Geology, 1993, 10, 186-214.	3.3	286
3	Late Cenozoic evolution of the western Barents Sea-Svalbard continental margin. Global and Planetary Change, 1996, 12, 53-74.	3.5	224
4	Evolution of the western Barents Sea. Marine and Petroleum Geology, 1984, 1, 123-150.	3.3	199
5	Opening of the Fram Strait gateway: A review of plate tectonic constraints. Tectonophysics, 2008, 450, 51-69.	2.2	183
6	Quartz cementation in Late Cretaceous mudstones, northern North Sea: Changes in rock properties due to dissolution of smectite and precipitation of micro-quartz crystals. Marine and Petroleum Geology, 2010, 27, 1752-1764.	3.3	163
7	Cenozoic sequence stratigraphy of the central and northern North Sea Basin: tectonic development, sediment distribution and provenance areas. Marine and Petroleum Geology, 1995, 12, 845-879.	3.3	160
8	Triassic seismic sequence stratigraphy and paleogeography of the western Barents Sea area. Marine and Petroleum Geology, 2010, 27, 1448-1475.	3.3	153
9	NE Atlantic continental rifting and volcanic margin formation. Geological Society Special Publication, 2000, 167, 295-326.	1.3	151
10	Continent-ocean transition at the western Barents Sea/Svalbard continental margin. Geology, 1987, 15, 1118.	4.4	148
11	Uâ€“Pb geochronology of Cretaceous magmatism on Svalbard and Franz Josef Land, Barents Sea Large Igneous Province. Geological Magazine, 2013, 150, 1127-1135.	1.5	130
12	Cenozoic erosion and the preglacial uplift of the Svalbardâ€“Barents Sea region. Tectonophysics, 1998, 300, 311-327.	2.2	120
13	LATE CENOZOIC SEISMIC STRATIGRAPHY AND GLACIAL GEOLOGICAL DEVELOPMENT OF THE EAST GREENLAND AND SVALBARDâ€“BARENTS SEA CONTINENTAL MARGINS. Quaternary Science Reviews, 1998, 17, 155-184.	3.0	118
14	The Early Cretaceous Barents Sea Sill Complex: Distribution, 40Ar/39Ar geochronology, and implications for carbon gas formation. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 441, 83-95.	2.3	114
15	Cenozoic sedimentation along the southwestern Barents Sea margin in relation to uplift and erosion of the shelf. Global and Planetary Change, 1996, 12, 75-93.	3.5	113
16	Late Cretaceousâ€“Paleocene tectonic development of the NW VÃ¸ring Basin. Marine and Petroleum Geology, 2003, 20, 177-206.	3.3	94
17	Cenozoic erosion and sediment yield in the drainage area of the Storfjorden Fan. Global and Planetary Change, 1996, 12, 95-117.	3.5	91
18	Basement structure and its influence on the structural configuration of the northern North Sea rift. Tectonics, 2017, 36, 1151-1177.	2.8	91

#	Article	IF	Citations
19	Recurrent Pleistocene mega-failures on the SW Barents Sea margin. Earth and Planetary Science Letters, 2007, 258, 605-618.	4.4	89
20	MjÃ¸lnir structure: An impact crater in the Barents Sea. Geology, 1996, 24, 779.	4.4	88
21	Cenozoic exhumation on the southwestern Barents Shelf: Estimates and uncertainties constrained from compaction and thermal maturity analyses. Marine and Petroleum Geology, 2016, 73, 105-130.	3.3	77
22	The Influence of Structural Inheritance and Multiphase Extension on Rift Development, the NorthernNorth Sea. Tectonics, 2019, 38, 4099-4126.	2.8	76
23	The development of volcanic sequences at rifted margins: New insights from the structure and morphology of the VÃ¸ring Escarpment, midâ€Norwegian Margin. Journal of Geophysical Research: Solid Earth, 2016, 121, 5212-5236.	3.4	75
24	Lateral variations in tectono-magmatic style along the Lofotenâ€"VesterÃ¥len volcanic margin off Norway. Marine and Petroleum Geology, 2001, 18, 807-832.	3.3	71
25	The Cretaceous post-rift basin configuration of the northern North Sea. Petroleum Geoscience, 2001, 7, 137-154.	1.5	70
26	Crustal structure of the Lofotenâ€"VesterÃ¥len continental margin, off Norway. Tectonophysics, 2005, 404, 151-174.	2.2	70
27	Caledonian basement of the western Barents Sea. Tectonics, 2007, 26, .	2.8	69
28	The crust and mantle lithosphere in the Barents Sea/Kara Sea region. Tectonophysics, 2009, 470, 89-104.	2.2	69
29	Crustal-scale architecture and segmentation of the Argentine margin and its conjugate off South Africa. Geophysical Journal International, 2009, 178, 85-105.	2.4	65
30	New Moho Map for onshore southern Norway. Geophysical Journal International, 2009, 178, 1755-1765.	2.4	65
31	Latest Caledonian to Present tectonomorphological development of southern Norway. Marine and Petroleum Geology, 2010, 27, 709-723.	3.3	62
32	Permian and Mesozoic extensional faulting within the Caledonides of central south Norway. Journal of the Geological Society, 1999, 156, 1073-1080.	2.1	61
33	Rates of continental breakup magmatism and seafloor spreading in the Norway Basinâ€"Iceland plume interaction. Journal of Geophysical Research, 2006, 111, .	3.3	61
34	A three-dimensional geophysical model of the crust in the Barents Sea region: model construction and basement characterization. Geophysical Journal International, 2007, 170, 417-435.	2.4	60
35	Crustal structure in the northern North Sea: an integrated geophysical study. Geological Society Special Publication, 2000, 167, 15-40.	1.3	58
36	Southwest Barents Sea rift basin evolution: comparing results from backstripping and timeâ€forward modelling. Basin Research, 2014, 26, 550-566.	2.7	56

#	Article	IF	Citations
37	Southwestern Barents Sea margin: late Mesozoic sedimentary basins and crustal extension. Tectonophysics, 1998, 293, 21-44.	2.2	55
38	The ocean-continent transition in the mid-Norwegian margin: Insight from seismic data and an onshore Caledonian field analogue. Geology, 2015, 43, 1011-1014.	4.4	55
39	The Aptian (Early Cretaceous) oceanic anoxic event (OAE1a) in Svalbard, Barents Sea, and the absolute age of the Barremian-Aptian boundary. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 463, 126-135.	2.3	54
40	Geology of the Norwegian Continental Shelf. , 2010, , 467-499.		54
41	Permo-Triassic and Jurassic extension in the northern North Sea: results from tectonostratigraphic forward modelling. Geological Society Special Publication, 2000, 167, 83-103.	1.3	53
42	Northeastern Brazilian margin: Regional tectonic evolution based on integrated analysis of seismic reflection and potential field data and modelling. Tectonophysics, 2008, 458, 51-67.	2.2	51
43	Post-Caledonian extension in the West Norwayâ€“northern North Sea region: the role of structural inheritance. Geological Society Special Publication, 2017, 439, 465-486.	1.3	51
44	Regional setting of HÃ¥kon Mosby Mud Volcano, SW Barents Sea margin. Geo-Marine Letters, 1999, 19, 22-28.	1.1	50
45	Title is missing!. Marine Geophysical Researches, 2002, 23, 247-270.	1.2	50
46	Crustal transect across the North Atlantic. Marine Geophysical Researches, 2008, 29, 73-87.	1.2	50
47	Physical properties of Cenozoic mudstones from the northern North Sea: Impact of clay mineralogy on compaction trends. AAPG Bulletin, 2009, 93, 127-150.	1.5	50
48	A lithosphere-scale structural model of the Barents Sea and Kara Sea region. Solid Earth, 2015, 6, 153-172.	2.8	50
49	Structure and evolution of the northern Barents-Kara Sea continental margin from integrated analysis of potential fields, bathymetry and sparse seismic data. Geophysical Journal International, 2012, 188, 79-102.	2.4	49
50	The eastern Jan Mayen microcontinent volcanic margin. Geophysical Journal International, 2012, 188, 798-818.	2.4	46
51	Ottar Basin, SW Barents Sea: a major Upper Palaeozoic rift basin containing large volumes of deeply buried salt. Basin Research, 1995, 7, 299-312.	2.7	45
52	Crustal stretching in the Scandinavian Caledonides as revealed by deep seismic data. Geology, 2014, 42, 791-794.	4.4	45
53	The <i>T</i>â€Reflection and the Deep Crustal Structure of the VÃ¸ring Margin, Offshore midâ€Norway. Tectonics, 2017, 36, 2497-2523.	2.8	45
54	Collapse, infilling, and postimpact deformation at the MjÃ¸lnir impact structure, Barents Sea. Bulletin of the Geological Society of America, 1998, 110, 537-552.	3.3	42

#	Article	IF	Citations
55	Regional structure and polyphased Cretaceous-Paleocene rift and basin development of the mid-Norwegian volcanic passive margin. Marine and Petroleum Geology, 2020, 115, 104269.	3.3	42
56	Integrated geophysical analysis supporting the impact origin of the MjÃ¸lnir structure, Barents Sea. Tectonophysics, 1998, 289, 257-280.	2.2	41
57	Jurassic to Early Cretaceous basin configuration(s) in the Fingerdjupet Subbasin, SW Barents Sea. Marine and Petroleum Geology, 2017, 86, 874-891.	3.3	41
58	Seismic volcanostratigraphy of the Gascoyne margin, Western Australia. Journal of Volcanology and Geothermal Research, 2008, 172, 112-131.	2.1	40
59	Early Tertiary volcanism at the western Barents Sea margin. Geological Society Special Publication, 1988, 39, 135-146.	1.3	37
60	MAGNUS--A Seismological Broadband Experiment to Resolve Crustal and Upper Mantle Structure beneath the Southern Scandes Mountains in Norway. Seismological Research Letters, 2010, 81, 76-84.	1.9	37
61	Cretaceousâ€Paleocene Evolution and Crustal Structure of the Northern VÃ¸ring Margin (Offshore) Tj ETQq1 1 0.784314 rgBT /Overlock	2.8	36
62	Seismic stratigraphy and sediment thickness of the Nansen Basin, Arctic Ocean. Geophysical Journal International, 2009, 176, 805-821.	2.4	35
63	Burial and exhumation history controls on shale compaction and thermal maturity along the Norwegian North Sea basin margin areas. Marine and Petroleum Geology, 2019, 104, 61-85.	3.3	35
64	The geometries and deep structure of the northern North Sea rift system. Geological Society Special Publication, 2000, 167, 41-57.	1.3	34
65	Late Mesozoicâ€"Cenozoic structural and stratigraphic correlations between the conjugate mid-Norway and NE Greenland continental margins. Petroleum Geology Conference Proceedings, 2005, 6, 785-801.	0.7	34
66	Lithospheric strength and elastic thickness of the Barents Sea and Kara Sea region. Tectonophysics, 2016, 691, 120-132.	2.2	34
67	Magma productivity and early seafloor spreading rate correlation on the northern VÃ¸ring Margin, Norway â€" Constraints on mantle melting. Tectonophysics, 2009, 468, 206-223.	2.2	33
68	Tectonic implications of the lithospheric structure across the Barents and Kara shelves. Geological Society Special Publication, 2018, 460, 285-314.	1.3	33
69	Continental margin off Norway 62â€"75Â°N: Palaeogene tectono-magmatic segmentation and sedimentation. Geological Society Special Publication, 2002, 197, 39-68.	1.3	31
70	When do faults in sedimentary basins leak? Stress and deformation in sedimentary basins; examples from the North Sea and Haltenbanken, offshore Norway. AAPG Bulletin, 2005, 89, 1019-1031.	1.5	31
71	Early Cretaceous synrift uplift and tectonic inversion in the Loppa High area, southwestern Barents Sea, Norwegian shelf. Journal of the Geological Society, 2017, 174, 242-254.	2.1	31
72	The NE Atlantic conjugate margins. , 2012, , 140-201.		30

#	Article	IF	Citations
73	Petrophysical implications of source rock microfracturing. International Journal of Coal Geology, 2015, 143, 43-67.	5.0	30
74	Cenozoic uplift and erosion of the Norwegian Barents Shelf â€“ A review. Earth-Science Reviews, 2021, 217, 103609.	9.1	29
75	Late Carboniferous-Permian tectonics and magmatic activity in the Skagerrak, Kattegat and the North Sea. Geological Society Special Publication, 2004, 223, 157-176.	1.3	28
76	Late Carboniferous-Permian of NW Europe: an introduction to a new regional map. Geological Society Special Publication, 2004, 223, 75-88.	1.3	28
77	Stochastic velocity inversion of seismic reflection/refraction traveltime data for rift structure of the southwest Barents Sea. Tectonophysics, 2013, 593, 135-150.	2.2	28
78	Lower crustal high-velocity bodies along North Atlantic passive margins, and their link to Caledonian suture zone eclogites and Early Cenozoic magmatism. Tectonophysics, 2016, 670, 16-29.	2.2	27
79	Structural analysis of the Smeaheia fault block, a potential CO2 storage site, northern Horda Platform, North Sea. Marine and Petroleum Geology, 2020, 121, 104598.	3.3	27
80	Crustal structure of the VÃ¸ring Margin, NE Atlantic: a review of geological implications based on recent OBS data. Petroleum Geology Conference Proceedings, 2005, 6, 803-813.	0.7	26
81	Middle to Late Devonianâ€“Carboniferous collapse basins on the Finnmark Platform and in the southwesternmost Nordkapp basin, SW Barents Sea. Solid Earth, 2018, 9, 341-372.	2.8	26
82	Relationships between sequence stratigraphy, mineralogy and geochemistry in Cenozoic sediments of the northern North Sea. Geological Society Special Publication, 2000, 167, 245-272.	1.3	25
83	A 3D gravity and thermal model for the Barents Sea and Kara Sea. Tectonophysics, 2016, 684, 131-147.	2.2	25
84	The MjÃ¸lnir marine impact crater porosity anomaly. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 1103-1120.	1.4	24
85	Variation of Icelandic and Hawaiian magmatism: evidence for co-pulsation of mantle plumes?. Marine Geophysical Researches, 2009, 30, 61-72.	1.2	24
86	Dyke emplacement and crustal structure within a continental large igneous province, northern Barents Sea. Geological Society Special Publication, 2018, 460, 371-395.	1.3	24
87	New constraints on the timing of late Carboniferous-early Permian volcanism in the central North Sea. Geological Society Special Publication, 2004, 223, 177-193.	1.3	23
88	The extension of the VÃ¸ring margin (NE Atlantic) in case of different degrees of magmatic underplating. Basin Research, 2011, 23, 83-100.	2.7	23
89	Mafic intrusions east of Svalbard imaged by active-source seismic tomography. Tectonophysics, 2012, 518-521, 106-118.	2.2	23
90	The 23 October 1904 MS 5.4 Oslofjord Earthquake: Reanalysis Based on Macroseismic and Instrumental Data. Bulletin of the Seismological Society of America, 2009, 99, 2836-2854.	2.3	22

#	Article	IF	Citations
91	Seismic stratigraphic subdivision of the Triassic succession in the Central North Sea; integrating seismic reflection and well data. Journal of the Geological Society, 2014, 171, 353-374.	2.1	22
92	Geology of the Norwegian Continental Shelf. , 2015, , 603-637.		22
93	The Paleozoic Evolution of the Olga Basin Region, Northern Barents Sea: A Link to the Timanian Orogeny. Geochemistry, Geophysics, Geosystems, 2019, 20, 614-629.	2.5	22
94	Late Mesozoicâ€"Cenozoic evolution of the southwestern Barents Sea. Petroleum Geology Conference Proceedings, 1993, 4, 933-950.	0.7	21
95	Formation of intracratonic basins by lithospheric shortening and phase changes: a case study from the ultraâ€deep East Barents Sea basin. Terra Nova, 2013, 25, 459-464.	2.1	21
96	Magmatic development of the outer VÃ¸ring margin from seismic data. Journal of Geophysical Research: Solid Earth, 2014, 119, 6733-6755.	3.4	21
97	Fault linkage across weak layers during extension: an experimental approach with reference to the Hoop Fault Complex of the SW Barents Sea. Petroleum Geoscience, 2016, 22, 123-135.	1.5	21
98	Seafloor expression and shallow structure of a fold-and-thrust system, Isfjorden, west Spitsbergen. Polar Research, 2012, 31, 11209.	1.6	20
99	Crustal-scale architecture and segmentation of the South Atlantic volcanic margin. Geological Society Special Publication, 2013, 369, 167-183.	1.3	20
100	Evolution of the provenances of Triassic rocks in Franz Josef Land: U/Pb LA-ICP-MS dating of the detrital zircon from Well Severnaya. Lithology and Mineral Resources, 2015, 50, 102-116.	0.6	20
101	Crustal structure across the MÃ¸re margin, mid-Norway, from wide-angle seismic and gravity data. Tectonophysics, 2014, 626, 21-40.	2.2	19
102	Mudstone compaction curves in basin modelling: a study of Mesozoic and Cenozoic Sediments in the northern North Sea. Basin Research, 2010, 22, 324-340.	2.7	18
103	Analysis of structural trends of sub-sea-floor strata in the Isfjorden area of the West Spitsbergen Fold-and-Thrust Belt based on multichannel seismic data. Journal of the Geological Society, 2013, 170, 657-668.	2.1	18
104	Basin modelling of the SW Barents Sea. Marine and Petroleum Geology, 2018, 95, 167-187.	3.3	18
105	Postâ€impact structural crater modification due to sediment loading: An overlooked process. Meteoritics and Planetary Science, 2007, 42, 2013-2029.	1.6	17
106	Structural architecture and nature of the continent-ocean transitional domain at the Camamu and Almada Basins (NE Brazil) within a conjugate margin setting. Petroleum Geology Conference Proceedings, 2010, 7, 867-883.	0.7	17
107	Crustal composition of the MÃ¸re Margin and compilation of a conjugate Atlantic margin transect. Tectonophysics, 2016, 666, 144-157.	2.2	17
108	Prestack simultaneous inversion to predict lithology and pore fluid in the Realgrunnen Subgroup of the Goliat Field, southwestern Barents Sea. Interpretation, 2017, 5, SE75-SE96.	1.1	17

#	Article	IF	Citations
109	A new tectono-magmatic model for the Lofoten/VesterÃ¥len Margin at the outer limit of the Iceland Plume influence. Tectonophysics, 2017, 718, 25-44.	2.2	17
110	Forward modeling of stretching episodes and paleo heat flow of the VÃ¸ring margin, NE Atlantic. Journal of Geodynamics, 2008, 45, 83-98.	1.6	16
111	Compaction processes and rock properties in uplifted clay dominated unitsâ€" the Egersund Basin, Norwegian North Sea. Marine and Petroleum Geology, 2015, 68, 596-613.	3.3	16
112	Gas Hydrate Stability Zone of the Barents Sea and Kara Sea Region. Energy Procedia, 2016, 97, 302-309.	1.8	16
113	Detrital zircon (U-Th)/He ages from Paleozoic strata of the Severnaya Zemlya Archipelago: Deciphering multiple episodes of Paleozoic tectonic evolution within the Russian High Arctic. Journal of Geodynamics, 2018, 119, 210-220.	1.6	16
114	Erosion-driven vertical motions of the circum Arctic: Comparative analysis of modern topography. Journal of Geodynamics, 2018, 119, 62-81.	1.6	15
115	An integrated geophysical study of Vestbakken Volcanic Province, western Barents Sea continental margin, and adjacent oceanic crust. Marine Geophysical Researches, 2012, 33, 185-207.	1.2	14
116	Effects of lithosphere buckling on subsidence and hydrocarbon maturation: A case-study from the ultra-deep East Barents Sea basin. Earth and Planetary Science Letters, 2014, 407, 123-133.	4.4	14
117	Megaâ€scale Moho relief and the structure of the lithosphere on the eastern flank of the Viking Graben, offshore southwestern Norway. Tectonics, 2015, 34, 803-819.	2.8	14
118	The crustal structure in the transition zone between the western and eastern Barents Sea. Geophysical Journal International, 2018, 214, 315-330.	2.4	14
119	Basin structure and prospectivity of the NE Atlantic volcanic rifted margin: cross-border examples from the Faroeâ€"Shetland, MÃ¸re and Southern VÃ¸ring basins. Geological Society Special Publication, 2022, 495, 99-138.	1.3	14
120	Lower Cretaceous Barents Sea strata: epicontinental basin configuration, timing, correlation and depositional dynamics. Geological Magazine, 2020, 157, 458-476.	1.5	14
121	Crustal-scale subsidence and uplift caused by metamorphic phase changes in the lower crust: a model for the evolution of the Loppa High area, SW Barents Sea from late Paleozoic to Present. Journal of the Geological Society, 2018, 175, 497-508.	2.1	13
122	A diverted submarine channel of Early Cretaceous age revealed by high-resolution seismic data, SW Barents Sea. Marine and Petroleum Geology, 2018, 98, 462-476.	3.3	13
123	From Caledonian Collapse to North Sea Rift: The Extended History of a Metamorphic Core Complex. Tectonics, 2020, 39, e2020TC006178.	2.8	13
124	Reply to discussion of Gabrielsen etÂal. (2010) by Nielsen etÂal. (this volume): Latest Caledonian to present tectonomorphological development of southern Norway. Marine and Petroleum Geology, 2010, 27, 1290-1295.	3.3	12
125	Crustal structure and evolution of the Arctic Caledonides: Results from controlled-source seismology. Tectonophysics, 2017, 718, 9-24.	2.2	12
126	Carboniferous graben structures, evaporite accumulations and tectonic inversion in the southeastern Norwegian Barents Sea. Marine and Petroleum Geology, 2020, 112, 104038.	3.3	12

#	Article	IF	Citations
127	Automatic extraction of dislocated horizons from 3D seismic data using nonlocal trace matching. Geophysics, 2019, 84, IM77-IM86.	2.6	11
128	Deformation Analysis in the Barents Sea in Relation to Paleogene Transpression Along the Greenlandâ€Eurasia Plate Boundary. Tectonics, 2020, 39, e2020TC006172.	2.8	11
129	Caprock characterization of Upper Jurassic organic-rich shales using acoustic properties, Norwegian Continental Shelf. Marine and Petroleum Geology, 2020, 121, 104603.	3.3	11
130	Vertical movements in south-western Fennoscandia: a discussion of regions and processes from the Present to the Devonian. Norwegian Petroleum Society Special Publications, 2005, , 1-28.	0.1	10
131	Estimation of crustal thinning by accounting for stretching and thinning of the sedimentary basin â€" An example from the VÃ¸ring margin, NE Atlantic. Tectonophysics, 2008, 457, 224-238.	2.2	10
132	Integrating faciesâ€based Bayesian inversion and supervised machine learning for petroâ€facies characterization in the Snadd Formation of the Goliat Field, southâ€western Barents Sea. Geophysical Prospecting, 2019, 67, 1020-1039.	1.9	10
133	Magnetotelluric Constraints on the Temperature, Composition, Partial Melt Content, and Viscosity of the Upper Mantle Beneath Svalbard. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC008985.	2.5	9
134	Effects of basement structures and Carboniferous basin configuration on evaporite distribution and the development of salt structures in Nordkapp Basin, Barents Seaâ€"Part I. Basin Research, 2021, 33, 2474-2499.	2.7	9
135	Nested intrashelf platform clinoformsâ€"Evidence of shelf platform growth exemplified by Lower Cretaceous strata in the Barents Sea. Basin Research, 2020, 32, 216-223.	2.7	8
136	New data on the basement of Franz Josef Land, Arctic region. Geotectonics, 2017, 51, 121-130.	0.9	7
137	Crustal structure and erosion of the Lofoten/VesterÃ¥len shelf, northern Norwegian margin. Tectonophysics, 2020, 776, 228318.	2.2	7
138	Crustal domains in the Western Barents Sea. Geophysical Journal International, 2020, 221, 2155-2169.	2.4	7
139	Architecture of the evaporite accumulation and salt structures dynamics in Tiddlybanken Basin, southeastern Norwegian Barents Sea. Basin Research, 2021, 33, 91-117.	2.7	7
140	CCS in the Skagerrak/Kattegat area. Energy Procedia, 2011, 4, 2324-2331.	1.8	6
141	The influence of mechanically weak layers in controlling fault kinematics and graben configurations: Examples from analog experiments and the Norwegian continental margin. AAPG Bulletin, 2019, 103, 1097-1110.	1.5	6
142	Definition of tectono-sedimentary elements for rifted continental margins of the Norwegian and Greenland seas. Geological Society Memoir, 0, , M57-2021-31.	1.7	6
143	Evaluating Seal Quality for Potential Storage Sites in the Norwegian North Sea. Energy Procedia, 2013, 37, 4853-4862.	1.8	5
144	The Oligocene succession in the eastern North Sea: basin development and depositional systems. Geological Magazine, 2015, 152, 668-693.	1.5	5

#	Article	IF	Citations
145	New insights into the late Mesozoic-Cenozoic tectono-stratigraphic evolution of the northern Lofoten-VesterÃ¥len margin, offshore Norway. Marine and Petroleum Geology, 2021, 134, 105370.	3.3	5
146	Basin modelling of a complex rift system: The Northern VÃ¸ring Volcanic Margin case example. Basin Research, 2022, 34, 702-726.	2.7	5
147	Synâ€•to postâ€•rift alluvial basin fill: Seismic stratigraphic analysis of Permianâ€•Triassic deposition in the Horda Platform, Norway. Basin Research, 2022, 34, 883-912.	2.7	5
148	Cenozoic tectonic subsidence from 2D depositional simulations of a regional transect in the northern North Sea basin. Geological Society Special Publication, 2000, 167, 273-294.	1.3	4
149	Paleozoic-Mesozoic tectono-sedimentary evolution and magmatism of the Egersund Basin area, Norwegian central North Sea. Marine and Petroleum Geology, 2020, 122, 104642.	3.3	4
150	Interplay between baseâ€•salt relief, progradational sediment loading and salt tectonics in the Nordkapp Basin, Barents Sea â€“ Part II. Basin Research, 2021, 33, 3256-3294.	2.7	4
151	Modelling thermal transients from magmatic underplatingâ€"an example from the VÃ¸ring marginÂ(NEÂAtlantic). Computational Geosciences, 2011, 15, 771-788.	2.4	3
152	Data-driven identification of stratigraphic units in 3D seismic data using hierarchical density-based clustering. Geophysics, 2020, 85, IM15-IM26.	2.6	3
153	From metamorphic core complex to crustal scale rollover: Post-Caledonian tectonic development of the Utsira High, North Sea. Tectonophysics, 2022, 836, 229416.	2.2	3
154	The Atlantic Margin from Norway to Ireland: geological review of a frontier continental margin province. Petroleum Geology Conference Proceedings, 2005, 6, 733-737.	0.7	2
155	Potential Triassic and Jurassic CO2 Storage Reservoirs in the Skagerrak-kattegat Area. Energy Procedia, 2013, 37, 5298-5306.	1.8	2
156	Late Paleozoic supradetachment basin configuration in the southwestern Barents Seaâ€"Intrabasement seismic facies of the Fingerdjupet Subbasin. Basin Research, 2022, 34, 570-589.	2.7	2
157	The tectonized central peak of the MjÃ¸lnir Impact Crater, Barents Sea. Journal of Structural Geology, 2020, 131, 103953.	2.3	1
158	Opportunistic magnetotelluric transects from CSEM surveys in the Barents Sea. Geophysical Journal International, 0, , .	2.4	1