

# Hans Thybo

## List of Publications by Year in descending order

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216  
papers

9,321  
citations

29994

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56606

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248  
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248  
docs citations

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times ranked

3671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Moho and magmatic underplating in continental lithosphere. <i>Tectonophysics</i> , 2013, 609, 605-619.	0.9	303
2	Evidence for early Proterozoic plate tectonics from seismic reflection profiles in the Baltic shield. <i>Nature</i> , 1990, 348, 34-38.	13.7	274
3	The Seismic 8Å Discontinuity and Partial Melting in Continental Mantle. <i>Science</i> , 1997, 275, 1626-1629.	6.0	238
4	Palaeozoic amalgamation of Central Europe: new results from recent geological and geophysical investigations. <i>Tectonophysics</i> , 2002, 360, 5-21.	0.9	186
5	Magma-compensated crustal thinning in continental rift zones. <i>Nature</i> , 2009, 457, 873-876.	13.7	182
6	Crustal velocity structure across the Main Ethiopian Rift: results from two-dimensional wide-angle seismic modelling. <i>Geophysical Journal International</i> , 2005, 162, 994-1006.	1.0	179
7	The GGT/SVEKA Transect: Structure and Evolution of the Continental Crust in the Paleoproterozoic Svecofennian Orogen in Finland. <i>International Geology Review</i> , 1999, 41, 287-333.	1.1	172
8	The heterogeneous upper mantle low velocity zone. <i>Tectonophysics</i> , 2006, 416, 53-79.	0.9	162
9	Integrated Seismic Studies of the Baltic Shield Using Data In the Gulf of Bothnia Region. <i>Geophysical Journal International</i> , 1993, 112, 305-324.	1.0	137
10	TOPO-EUROPE: The geoscience of coupled deep Earth-surface processes. <i>Global and Planetary Change</i> , 2007, 58, 1-118.	1.6	137
11	POLONAISE '97 " an international seismic experiment between Precambrian and Variscan Europe in Poland. <i>Tectonophysics</i> , 1999, 314, 101-121.	0.9	133
12	EUNAsEis: A seismic model for Moho and crustal structure in Europe, Greenland, and the North Atlantic region. <i>Tectonophysics</i> , 2013, 609, 97-153.	0.9	132
13	Cenozoic uplift and subsidence in the North Atlantic region: Geological evidence revisited. <i>Tectonophysics</i> , 2009, 474, 78-105.	0.9	129
14	Crustal structure of the Trans-European suture zone region along POLONAISE'97 seismic profile P4. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	117
15	Crustal and uppermost mantle structure of the Bohemian Massif based on CELEBRATION 2000 data. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	107
16	The influence of pre-existing structures on the evolution of the southern Kenya Rift Valley " evidence from seismic and gravity studies. <i>Tectonophysics</i> , 1997, 278, 211-242.	0.9	106
17	Crustal structure of the northern Main Ethiopian Rift from the EAGLE controlled-source survey; a snapshot of incipient lithospheric break-up. <i>Geological Society Special Publication</i> , 2006, 259, 269-292.	0.8	101
18	MONA LISA " Deep seismic investigations of the lithosphere in the southeastern North Sea. <i>Tectonophysics</i> , 1997, 269, 1-19.	0.9	99

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19	Crustal structure of the Siberian craton and the West Siberian basin: An appraisal of existing seismic data. <i>Tectonophysics</i> , 2013, 609, 154-183.	0.9	98
20	Geophysical characteristics of the Tornquist Fan area, northwest Trans-European Suture Zone: indication of late Carboniferous to early Permian dextral transtension. <i>Geological Magazine</i> , 1997, 134, 597-606.	0.9	97
21	Seismic structure across the Caledonian Deformation Front along MONA LISA profile 1 in the southeastern North Sea. <i>Tectonophysics</i> , 1998, 288, 153-176.	0.9	97
22	An integrated study of the NE German Basin. <i>Tectonophysics</i> , 1999, 314, 285-307.	0.9	97
23	Crustal structure along the Central Segment of the EGT from seismic-refraction studies. <i>Tectonophysics</i> , 1992, 207, 43-64.	0.9	95
24	Caveats on tomographic images. <i>Terra Nova</i> , 2013, 25, 259-281.	0.9	94
25	Crustal structure due to collisional and escape tectonics in the Eastern Alps region based on profiles Alp01 and Alp02 from the ALP 2002 seismic experiment. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	92
26	Large-scale variation in lithospheric structure along and across the Kenya rift. <i>Nature</i> , 1991, 354, 223-227.	13.7	91
27	Crustal and upper mantle structure of the Western Carpathians from CELEBRATION 2000 profiles CEL01 and CEL04: seismic models and geological implications. <i>Geophysical Journal International</i> , 2006, 167, 737-760.	1.0	91
28	Special Contribution: CELEBRATION 2000 Seismic Experiment. <i>Studia Geophysica Et Geodaetica</i> , 2003, 47, 659-669.	0.3	88
29	Crustal structure along the EGT profile across the Tornquist Fan interpreted from seismic, gravity and magnetic data. <i>Tectonophysics</i> , 2001, 334, 155-190.	0.9	86
30	EUROBRIDGE: new insight into the geodynamic evolution of the East European Craton. <i>Geological Society Memoir</i> , 2006, 32, 599-625.	0.9	84
31	Seismic tomographic imaging of P- and S-waves velocity perturbations in the upper mantle beneath Iran. <i>Geophysical Journal International</i> , 2007, 169, 1089-1102.	1.0	80
32	Crustal structure across the TESZ along POLONAISE'97 seismic profile P2 in NW Poland. <i>Tectonophysics</i> , 2002, 360, 129-152.	0.9	78
33	Crustal-scale pop-up structure in cratonic lithosphere: DOBRE deep seismic reflection study of the Donbas fold belt, Ukraine. <i>Geology</i> , 2003, 31, 733.	2.0	78
34	Seismic images of Caledonian, lithosphere-scale collision structures in the southeastern North Sea along Mona Lisa Profile 2. <i>Tectonophysics</i> , 2000, 317, 27-54.	0.9	77
35	Moho depth and crustal composition in Southern Africa. <i>Tectonophysics</i> , 2013, 609, 267-287.	0.9	77
36	Heat production in granitic rocks: Global analysis based on a new data compilation GRANITE2017. <i>Earth-Science Reviews</i> , 2017, 172, 1-26.	4.0	77

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37	Delineation and character of the Archaean-Proterozoic boundary in northern Sweden. <i>Precambrian Research</i> , 1993, 64, 67-84.	1.2	75
38	Proterozoic sutures and terranes in the southeastern Baltic Shield interpreted from BABEL deep seismic data. <i>Tectonophysics</i> , 1997, 270, 259-277.	0.9	75
39	Crustal structure and active tectonics in the Eastern Alps. <i>Tectonics</i> , 2010, 29, n/a-n/a.	1.3	75
40	Sharp contrast in lithospheric structure across the Sorgenfrei-Tornquist Zone as inferred by Rayleigh wave analysis of TOR1 project data. <i>Tectonophysics</i> , 2002, 360, 75-88.	0.9	74
41	DOBREFraction'99 velocity model of the crust and upper mantle beneath the Donbas Foldbelt (East) Tj ETOg1 1 0.784314 rsgB	0.9	72
42	The southern margin of the East European Craton: new results from seismic sounding and potential fields between the North Sea and Poland. <i>Tectonophysics</i> , 2002, 360, 301-314.	0.9	70
43	Deep Europe today: geophysical synthesis of the upper mantle structure and lithospheric processes over 3.5 Ga. <i>Geological Society Memoir</i> , 2006, 32, 11-41.	0.9	68
44	Lower lithospheric structure beneath the Trans-European Suture Zone from POLONAISE'97 seismic profiles. <i>Tectonophysics</i> , 2002, 360, 153-168.	0.9	67
45	Application of stacking and inversion techniques to three-dimensional wide-angle reflection and refraction seismic data of the Eastern Alps. <i>Geophysical Journal International</i> , 2007, 170, 275-298.	1.0	67
46	Summary of project TOR: delineation of a stepwise, sharp, deep lithosphere transition across Germany-Denmark-Sweden. <i>Tectonophysics</i> , 2002, 360, 61-73.	0.9	66
47	Lithospheric structure of the Tornquist Zone resolved by nonlinear P and S teleseismic tomography along the TOR array. <i>Tectonophysics</i> , 2006, 416, 133-149.	0.9	66
48	New Moho Map for onshore southern Norway. <i>Geophysical Journal International</i> , 2009, 178, 1755-1765.	1.0	65
49	Weakly coupled lithospheric extension in southern Tibet. <i>Earth and Planetary Science Letters</i> , 2015, 430, 171-177.	1.8	65
50	Seismic reflectivity and magmatic underplating beneath the Kenya Rift. <i>Geophysical Research Letters</i> , 2000, 27, 2745-2748.	1.5	64
51	Upper lithospheric seismic velocity structure across the Pripyat Trough and the Ukrainian Shield along the EUROBRIDGE'97 profile. <i>Tectonophysics</i> , 2003, 371, 41-79.	0.9	62
52	Seismic velocity structure across the Fennoscandia-Sarmatia suture of the East European Craton beneath the EUROBRIDGE profile through Lithuania and Belarus. <i>Tectonophysics</i> , 1999, 314, 193-217.	0.9	60
53	Non-linear body wave teleseismic tomography along the TOR array. <i>Geophysical Journal International</i> , 2002, 148, 562-574.	1.0	58
54	Regional geological and tectonic structures of the North Sea area from potential field modelling. <i>Tectonophysics</i> , 2006, 413, 147-170.	0.9	58

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55	Seismic anisotropy of the lithosphere around the Trans-European Suture Zone (TESZ) based on teleseismic body-wave data of the TOR experiment. <i>Tectonophysics</i> , 2002, 360, 89-114.	0.9	56
56	A new model of upper mantle P-wave velocity below the Baltic Shield: indication of partial melt in the 95 to 160 km depth range. <i>Tectonophysics</i> , 1996, 253, 227-245.	0.9	55
57	Seismic structure of the Palaeozoic Platform along POLONAISE'97 profile P1 in northwestern Poland. <i>Tectonophysics</i> , 1999, 314, 123-143.	0.9	55
58	Crustal structure on the northeastern flank of the Kenya rift. <i>Tectonophysics</i> , 1994, 236, 271-290.	0.9	54
59	Receiver function analysis of the crust and upper mantle from the North German Basin to the Archaean Baltic Shield. <i>Geophysical Journal International</i> , 2003, 155, 641-652.	1.0	54
60	The deep structure of the Scandes and its relation to tectonic history and present-day topography. <i>Tectonophysics</i> , 2013, 602, 15-37.	0.9	54
61	Deep seismic survey images crustal structure of Tornquist Zone beneath southern Baltic Sea. <i>Geophysical Research Letters</i> , 1991, 18, 1091-1094.	1.5	52
62	Special Contribution: An Overview of Recent Seismic Refraction Experiments in Central Europe. <i>Studia Geophysica Et Geodaetica</i> , 2003, 47, 651-657.	0.3	52
63	Seismic velocity model of the crust and upper mantle along profile PANCAKE across the Carpathians between the Pannonian Basin and the East European Craton. <i>Tectonophysics</i> , 2013, 608, 1049-1072.	0.9	51
64	Geophysical evidence for Early Permian igneous activity in a transtensional environment, Denmark. <i>Tectonophysics</i> , 1991, 189, 193-208.	0.9	50
65	P- and S-wave velocity model of the southwestern margin of the Precambrian East European Craton; POLONAISE'97, profile P3. <i>Tectonophysics</i> , 1999, 314, 175-192.	0.9	50
66	A synthesis of Cenozoic sedimentation in the North-Southeastern Basin. <i>Basin Research</i> , 2012, 24, 154-179.	1.3	50
67	Major crustal features between the Harz Mountains and the Baltic Shield derived from receiver functions. <i>Tectonophysics</i> , 1999, 314, 321-333.	0.9	49
68	Special Contribution: ALP 2002 Seismic Experiment. <i>Studia Geophysica Et Geodaetica</i> , 2003, 47, 671-679.	0.3	49
69	Three-dimensional crustal structure beneath the TOR array and effects on teleseismic wavefronts. <i>Tectonophysics</i> , 1999, 314, 309-319.	0.9	48
70	Potential field imaging of Palaeozoic orogenic structure in northern and central Europe. <i>Tectonophysics</i> , 2002, 360, 23-45.	0.9	47
71	Upper-mantle structure beneath the Southern Scandes Mountains and the Northern Tornquist Zone revealed by P-wave traveltimes tomography. <i>Geophysical Journal International</i> , 2012, 189, 1315-1334.	1.0	47
72	East Avalonia, the third partner in the Caledonian collisions: evidence from deep seismic reflection data. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1994, 83, 186-196.	1.3	46

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73	Seismic evidence of Caledonian deformed crust and uppermost mantle structures in the northern part of the Trans-European Suture Zone, SW Baltic Sea. <i>Tectonophysics</i> , 2002, 360, 215-244.	0.9	46
74	Relating Cenozoic North Sea sediments to topography in southern Norway: The interplay between tectonics and climate. <i>Earth and Planetary Science Letters</i> , 2010, 300, 19-32.	1.8	45
75	Seismic structure and composition of the crust beneath the southern Scandes, Norway. <i>Tectonophysics</i> , 2011, 502, 364-382.	0.9	45
76	Closure of the Tornquist sea: Constraints from MONA LISA deep seismic reflection data. <i>Geology</i> , 1997, 25, 1071-1074.	2.0	44
77	Crustal structure and tectonic evolution of the Tornquist Fan region as revealed by geophysical methods. <i>Bulletin of the Geological Society of Denmark</i> , 1999, 46, 145-160.	1.1	44
78	Important findings expected from Europe's largest seismic array. <i>Eos</i> , 1999, 80, 1.	0.1	42
79	Seismic tomographic inversion of Russian PNE data along profile Kraton. <i>Geophysical Research Letters</i> , 1999, 26, 3413-3416.	1.5	42
80	Origin of the regional stress in the North German basin: results from numerical modelling. <i>Tectonophysics</i> , 2002, 360, 245-264.	0.9	41
81	Miocene uplift of the NE Greenland margin linked to plate tectonics: Seismic evidence from the Greenland Fracture Zone, NE Atlantic. <i>Tectonics</i> , 2016, 35, 257-282.	1.3	41
82	The stress field below the NE German Basin: effects induced by the Alpine collision. <i>Geophysical Journal International</i> , 2001, 144, F8-F12.	1.0	40
83	100 years of seismic research on the Moho. <i>Tectonophysics</i> , 2013, 609, 9-44.	0.9	40
84	Rifting and lower crustal reflectivity: A case study of the intracratonic Dniepr-Donets rift zone, Ukraine. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	39
85	No Moho uplift below the Baikal Rift Zone: Evidence from a seismic refraction profile across southern Lake Baikal. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	39
86	Seismic model of the crust and upper mantle in the Scythian Platform: the DOBRE-5 profile across the north western Black Sea and the Crimean Peninsula. <i>Geophysical Journal International</i> , 2015, 201, 406-428.	1.0	39
87	Crustal structure of the Eastern Alps and their foreland: seismic model beneath the CEL10/Alp04 profile and tectonic implications. <i>Geophysical Journal International</i> , 2009, 177, 279-295.	1.0	38
88	Lower crustal intrusions beneath the southern Baikal Rift Zone: Evidence from full-waveform modelling of wide-angle seismic data. <i>Tectonophysics</i> , 2009, 470, 298-318.	0.9	38
89	New map compiled of Europe's gravity field. <i>Eos</i> , 1998, 79, 437-437.	0.1	37
90	MAGNUS—A Seismological Broadband Experiment to Resolve Crustal and Upper Mantle Structure beneath the Southern Scandes Mountains in Norway. <i>Seismological Research Letters</i> , 2010, 81, 76-84.	0.8	37

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91	Moho topography and lower crustal wide-angle reflectivity around the TESZ in southern Scandinavia and northeastern Europe. <i>Tectonophysics</i> , 2002, 360, 187-213.	0.9	36
92	The legacy of the NE German Basin " reactivation by compressional buckling. <i>Terra Nova</i> , 2000, 12, 132.	0.9	36
93	Crustal structure along the west flank of the Cascades, western Washington. <i>Journal of Geophysical Research</i> , 1997, 102, 17857-17873.	3.3	35
94	Implications of seismic scattering below the 8° discontinuity along PNE profile Kraton. <i>Tectonophysics</i> , 2002, 358, 135-150.	0.9	35
95	Seismic crustal structure of the North China Craton and surrounding area: Synthesis and analysis. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 5181-5207.	1.4	35
96	Upper mantle structure beneath southern African cratons from seismic finite-frequency P- and S-body wave tomography. <i>Earth and Planetary Science Letters</i> , 2015, 420, 174-186.	1.8	34
97	Deep Norden: Highlights of the lithospheric structure of Northern Europe, Iceland, and Greenland. <i>Episodes</i> , 2008, 31, 98-106.	0.8	34
98	Origin of upper-mantle seismic scattering - evidence from Russian peaceful nuclear explosion data. <i>Geophysical Journal International</i> , 2003, 154, 196-204.	1.0	33
99	Neoproterozoic and Palaeozoic evolution of SW Scandinavia based on integrated seismic interpretation. <i>Precambrian Research</i> , 2012, 204-205, 75-104.	1.2	32
100	Anisotropy across the Sorgenfrei-Tornquist Zone from shear wave splitting. <i>Tectonophysics</i> , 1999, 314, 335-350.	0.9	31
101	Seismic and gravity modelling of crustal structure in the Central Graben, North Sea. Observations along MONA LISA profile 3. <i>Tectonophysics</i> , 2000, 328, 229-244.	0.9	31
102	Three-dimensional seismic modelling of crustal structure in the TESZ region based on POLONAISE'97 data. <i>Tectonophysics</i> , 2002, 360, 169-185.	0.9	31
103	A new tectonic model for the Laurentia-Avalonia-Baltica sutures in the North Sea: A case study along MONA LISA profile 3. <i>Tectonophysics</i> , 2007, 429, 201-227.	0.9	30
104	Power Spectra Analysis of Aeromagnetic Data and KTB Susceptibility Logs, and their Implication for Fractal Behavior of Crustal Magnetization. <i>Pure and Applied Geophysics</i> , 1998, 151, 147-159.	0.8	29
105	Crustal structure variation from the Precambrian to Palaeozoic platforms in Europe imaged by the inversion of teleseismic receiver functions-project TOR. <i>Geophysical Journal International</i> , 2002, 150, 261-270.	1.0	29
106	The origin of teleseismic Pnwaves: Multiple crustal scattering of upper mantle whispering gallery phases. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	29
107	Receiver function analysis of the crust and upper mantle in Fennoscandia " isostatic implications. <i>Earth and Planetary Science Letters</i> , 2013, 381, 234-246.	1.8	29
108	Mesozoic(?) lithosphere-scale buckling of the East European Craton in southern Ukraine: DOBRE-4 deep seismic profile. <i>Geophysical Journal International</i> , 2013, 195, 740-766.	1.0	29

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109	Sensitivity analysis of crustal correction for calculation of lithospheric mantle density from gravity data. <i>Geophysical Journal International</i> , 2016, 204, 687-696.	1.0	29
110	Crustal structure at the SE Greenland margin from wide-angle and normal incidence seismic data. <i>Tectonophysics</i> , 1998, 288, 191-198.	0.9	28
111	Tomographic inversion of seismic P- and S-wave velocities from the Baltic Shield based on FENNOLORA data. <i>Tectonophysics</i> , 2002, 358, 151-174.	0.9	28
112	Stochastic velocity inversion of seismic reflection/refraction traveltime data for rift structure of the southwest Barents Sea. <i>Tectonophysics</i> , 2013, 593, 135-150.	0.9	28
113	Interpretation in statu nascendi of seismic wide-angle reflections based on EUGENO-S data. <i>Tectonophysics</i> , 1998, 289, 281-294.	0.9	27
114	Reflection seismic evidence for Caledonian deformed sediments above Sveconorwegian basement in the southwestern Baltic Sea. <i>Tectonics</i> , 2001, 20, 268-276.	1.3	27
115	Lower crustal high-velocity bodies along North Atlantic passive margins, and their link to Caledonian suture zone eclogites and Early Cenozoic magmatism. <i>Tectonophysics</i> , 2016, 670, 16-29.	0.9	27
116	Crustal velocity structure across the Tornquist and Iapetus Suture Zones – a comparison based on MONA LISA and VARNET data. <i>Tectonophysics</i> , 1999, 314, 69-82.	0.9	26
117	Upper crustal seismic structure of the Mazury complex and Mazowsze massif within East European Craton in NE Poland. <i>Tectonophysics</i> , 2002, 360, 115-128.	0.9	26
118	East Greenland Ridge in the North Atlantic Ocean: An integrated geophysical study of a continental sliver in a boundary transform fault setting. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	26
119	Crustal structure and composition of the Oslo Graben, Norway. <i>Earth and Planetary Science Letters</i> , 2011, 304, 431-442.	1.8	25
120	Some remarks on the structure and geodynamics of the Kenya Rift. <i>Tectonophysics</i> , 1992, 213, 257-268.	0.9	24
121	Seismic scattering at the top of the mantle Transition Zone. <i>Earth and Planetary Science Letters</i> , 2003, 216, 259-269.	1.8	24
122	Seismic velocity model of the crust and uppermost mantle around the Mirnyi kimberlite field in Siberia. <i>Tectonophysics</i> , 2006, 420, 49-73.	0.9	24
123	Seismic reflections from the near-vertical San Andreas Fault. <i>Geophysical Research Letters</i> , 1996, 23, 237-240.	1.5	23
124	Constraints on seismic velocity anomalies beneath the Siberian craton from xenoliths and petrophysics. <i>Tectonophysics</i> , 2006, 425, 123-135.	0.9	23
125	Potential field modelling of the Baltica – Avalonia (Thor – Tornquist) suture beneath the southern North Sea. <i>Tectonophysics</i> , 2002, 360, 47-60.	0.9	22
126	Identification of crustal and upper mantle heterogeneity by modelling of controlled-source seismic data. <i>Tectonophysics</i> , 2006, 416, 209-228.	0.9	22



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127	Interwedging and inversion structures around the trans-European suture zone in the Baltic Sea, a manifestation of compressive tectonic phases. <i>Tectonophysics</i> , 2002, 360, 265-280.	0.9	21
128	Seismic experiment spreads across poland. <i>Eos</i> , 1998, 79, 302-302.	0.1	20
129	Random heterogeneity of the lithosphere across the Trans-European Suture Zone. <i>Geophysical Journal International</i> , 2000, 141, 57-70.	1.0	20
130	Intraplate earthquakes and a seismically defined lateral transition in the upper mantle. <i>Geophysical Research Letters</i> , 2000, 27, 3953-3956.	1.5	20
131	Integrated seismic analysis of the Chalk Group in eastern Denmarkâ€™Implications for estimates of maximum palaeo-burial in southwest Scandinavia. <i>Tectonophysics</i> , 2011, 511, 14-26.	0.9	20
132	Isopycnicity of cratonic mantle restricted to kimberlite provinces. <i>Earth and Planetary Science Letters</i> , 2019, 505, 13-19.	1.8	20
133	Regional and teleseismic events recorded across the TESZ during POLONAISE'97. <i>Tectonophysics</i> , 1999, 314, 161-174.	0.9	19
134	Explosion seismic reflections from the Earthâ€™s core. <i>Earth and Planetary Science Letters</i> , 2003, 216, 693-702.	1.8	19
135	Seismic velocity structure of a large mafic intrusion in the crust of central Denmark from project ESTRID. <i>Tectonophysics</i> , 2006, 420, 105-122.	0.9	19
136	Seismic constraints on a large mafic intrusion with implications for the subsidence history of the Danish Basin. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	19
137	Crustal structure across the MÃƒre margin, mid-Norway, from wide-angle seismic and gravity data. <i>Tectonophysics</i> , 2014, 626, 21-40.	0.9	19
138	No mafic layer in 80 km thick Tibetan crust. <i>Nature Communications</i> , 2021, 12, 1069.	5.8	19
139	Pre-Zechstein structures around the MONA LISA deep seismic lines in the southern Horn Graben area. <i>Bulletin of the Geological Society of Denmark</i> , 1999, 45, 99-116.	1.1	19
140	Pre-Zechstein geology of the south-east North Sea, offshore Denmark-a geophysical perspective. <i>First Break</i> , 1997, 15, 387-395.	0.2	18
141	The Tornquist Zone, a north east inclining lithospheric transition at the south western margin of the Baltic Shield: Revealed through a nonlinear teleseismic tomographic inversion. <i>Tectonophysics</i> , 2006, 416, 151-166.	0.9	18
142	Calculation of residual gravity anomalies in Northern Jutland, Denmark. <i>First Break</i> , 1996, 14, .	0.2	18
143	Azimuthal variation of Pg velocity in the Moldanubian, Czech Republic: observations based on a multi-azimuthal common-shot experiment. <i>Tectonophysics</i> , 2004, 387, 189-203.	0.9	17
144	Gravity signals from the lithosphere in the Central European Basin System. <i>Tectonophysics</i> , 2007, 429, 133-163.	0.9	17

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145	Moho. <i>Tectonophysics</i> , 2013, 609, 1-8.	0.9	17
146	Mantle temperature as a control on the time scale of thermal evolution of extensional basins. <i>Earth and Planetary Science Letters</i> , 2015, 409, 61-70.	1.8	17
147	Crustal composition of the MÅre Margin and compilation of a conjugate Atlantic margin transect. <i>Tectonophysics</i> , 2016, 666, 144-157.	0.9	17
148	Processes of lithosphere evolution: new evidence on the structure of the continental crust and uppermost mantle. <i>Tectonophysics</i> , 2002, 358, 1-15.	0.9	16
149	Teleseismic Pn arrivals: influence of mantle velocity gradient and crustal scattering. <i>Geophysical Journal International</i> , 2003, 152, F1-F7.	1.0	16
150	Reflection seismic profiles of the core-mantle boundary. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	16
151	Deep seismic investigation of crustal extensional structures in the Danish Basin along the ESTRID-2 profile. <i>Geophysical Journal International</i> , 2008, 173, 623-641.	1.0	16
152	Lithospheric structure along wide-angle seismic profile GEORIFT 2013 in Pripyatâ€“Dnieperâ€“Donets Basin (Belarus and Ukraine). <i>Geophysical Journal International</i> , 2018, 212, 1932-1962.	1.0	16
153	Lithosphere Mantle Density of the North China Craton. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020296.	1.4	16
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