

Christian Huebscher

List of Publications by Year in Descending Order

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

122
papers

3,011
citations

29
h-index

49
g-index

153
ext. papers

3,507
ext. citations

3.2
avg, IF

5.06
L-index

#	Paper	IF	Citations
122	Crustal structure across the Teisseyre-Tornquist Zone offshore Poland based on a new refraction/wide-angle reflection profile and potential field modelling. <i>Tectonophysics</i> , 2022 , 828, 22927	3.1	0
121	Early stage diapirism in the Red Sea deep-water evaporites: Origins and length-scales. <i>Tectonophysics</i> , 2022 , 229331	3.1	0
120	Asymmetric abundances of submarine sediment waves around the Azores volcanic islands. <i>Marine Geology</i> , 2022 , 449, 106837	3.3	1
119	The active tectonic structures along the southern margin of Lesvos Island, related to the seismic activity of July 2017, Aegean Sea, Greece. <i>Geo-Marine Letters</i> , 2021 , 41, 1	1.9	1
118	Submarine landsliding in carbonate ooze along low-angle slopes (Inner Sea, Maldives). <i>Marine and Petroleum Geology</i> , 2021 , 105403	4.7	1
117	The shaping of a volcanic ridge in a tectonically active setting: The Pico-Faial Ridge in the Azores Triple Junction. <i>Geomorphology</i> , 2021 , 378, 107612	4.3	1
116	A comprehensive model of seismic velocities for the Bay of Mecklenburg (Baltic Sea) at the North German Basin margin: implications for basin development. <i>Geo-Marine Letters</i> , 2021 , 41, 1	1.9	1
115	The Evolution of Central Volcanoes in Ultraslow Rift Systems: Constraints From D. Joã de Castro Seamount, Azores. <i>Tectonics</i> , 2021 , 40, e2020TC006663	4.3	0
114	Seismic stratigraphy of the Klints Bank east of Gotland (Baltic Sea): a giant drumlin sealing thermogenic hydrocarbons. <i>Geo-Marine Letters</i> , 2021 , 41, 1	1.9	
113	Lithospheric structure of the eastern Mediterranean Sea: Inferences from surface wave tomography and stochastic inversions constrained by wide-angle refraction measurements. <i>Tectonophysics</i> , 2021 , 821, 229159	3.1	0
112	Structural Evolution at the Northeast North German Basin Margin: From Initial Triassic Salt Movement to Late Cretaceous-Cenozoic Remobilization. <i>Tectonics</i> , 2020 , 39, e2019TC005927	4.3	5
111	Impact of Late Cretaceous to Neogene plate tectonics and Quaternary ice loads on supra-salt deposits at Eastern Glökstadt Graben, North German Basin. <i>International Journal of Earth Sciences</i> , 2020 , 109, 1029-1050	2.2	4
110	Semi-automated bathymetric spectral decomposition delineates the impact of mass wasting on the morphological evolution of the continental slope, offshore Israel. <i>Basin Research</i> , 2020 , 32, 1156-1183	3.2	5
109	Seismic amplitude and attribute data from Mesozoic strata in the Skagerrak (Danish-Norwegian North Sea): Indicators for fluid migration and seal bypass systems. <i>Marine and Petroleum Geology</i> , 2020 , 121, 104596	4.7	1
108	Geochemical characterization of deep-sea sediments on the Azores Plateau [From diagenesis to hydrothermal activity. <i>Marine Geology</i> , 2020 , 429, 106291	3.3	1
107	Misinterpretation of velocity pull-ups caused by high-velocity infill of tunnel valleys in the southern Baltic Sea. <i>Near Surface Geophysics</i> , 2020 , 18, 643-657	1.6	2
106	When There Is No Offset: A Demonstration of Seismic Diffraction Imaging and Depth-Velocity Model Building in the Southern Aegean Sea. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2020JB019961	3.6	3

105	Seismic markers of the Messinian salinity crisis in the deep Ionian Basin. <i>Basin Research</i> , 2020 , 32, 716-738	3.2	13
104	Data Acquisition and Mapping for Geohazard Analysis. <i>Communications in Computer and Information Science</i> , 2019 , 130-140	0.3	
103	Extreme intensity of fluid-rock interaction during extensive intraplate volcanism. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 257, 26-48	5.5	4
102	Evolution of contourite systems in the late Cretaceous Chalk Sea along the Tornquist Zone. <i>Sedimentology</i> , 2019 , 66, 1341-1360	3.3	2
101	The Christiana-Santorini-Kolumbo Volcanic Field. <i>Elements</i> , 2019 , 15, 171-176	3.8	9
100	Origin of High Mg and SO ₄ Fluids in Sediments of the Terceira Rift, Azores-Indications for Caminite Dissolution in a Waning Hydrothermal System. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 6078-6094	3.6	1
99	A subaquatic moraine complex in overdeepened Lake Thun (Switzerland) unravelling the deglaciation history of the Aare Glacier. <i>Quaternary Science Reviews</i> , 2018 , 187, 62-79	3.9	13
98	Correlated Changes Between Volcanic Structures and Magma Composition in the Faial Volcanic System, Azores. <i>Frontiers in Earth Science</i> , 2018 , 6,	3.5	8
97	Evolution of a volcanic island on the shoulder of an oceanic rift and geodynamic implications: S. Jorge Island on the Terceira Rift, Azores Triple Junction. <i>Tectonophysics</i> , 2018 , 738-739, 41-50	3.1	14
96	Deglaciation and future stability of the Coats Land ice margin, Antarctica. <i>Cryosphere</i> , 2018 , 12, 2383-2395	3.9	8
95	Expanding extension, subsidence and lateral segmentation within the Santorini - Amorgos basins during Quaternary: Implications for the 1956 Amorgos events, central - south Aegean Sea, Greece. <i>Tectonophysics</i> , 2018 , 722, 138-153	3.1	26
94	The role of internal waves in the late Quaternary evolution of the Israeli continental slope. <i>Marine Geology</i> , 2018 , 406, 177-192	3.3	8
93	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
92	Deformation of a young salt giant: regional topography of the Red Sea Miocene evaporites. <i>Basin Research</i> , 2017 , 29, 352-369	3.2	16
91	Crustal structure of the Eratosthenes Seamount, Cyprus and S. Turkey from an amphibian wide-angle seismic profile. <i>Tectonophysics</i> , 2017 , 700-701, 32-59	3.1	23
90	Late Cretaceous to recent tectonic evolution of the North German Basin and the transition zone to the Baltic Shield/southwest Baltic Sea. <i>Tectonophysics</i> , 2017 , 708, 28-55	3.1	21
89	Combining amphibious geomorphology with subsurface geophysical and geological data: A neotectonic study at the front of the Alps (Bernese Alps, Switzerland). <i>Quaternary International</i> , 2017 , 451, 101-113	2	8
88	Crustal structure of the Eurasia-Africa plate boundary across the Gloria Fault, North Atlantic Ocean. <i>Geophysical Journal International</i> , 2017 , 209, 713-729	2.6	10

87	Early Holocene estuary development of the Hessel Bay area, southern Kattegat, Denmark and its implication for Ancyclus Lake drainage. <i>Geo-Marine Letters</i> , 2017 , 37, 579-591	1.9	1
86	Evolution of a young salt giant: The example of the Messinian evaporites in the Levantine Basin 2017 , 175-182		0
85	The impact of salt on the late Messinian to recent tectonostratigraphic evolution of the Cyprus subduction zone. <i>Basin Research</i> , 2016 , 28, 569-597	3.2	11
84	Seismo-stratigraphic evidences for deep base level control on middle to late Pleistocene drift evolution and mass wasting along southern Levant continental slope (Eastern Mediterranean). <i>Marine and Petroleum Geology</i> , 2016 , 77, 526-534	4.7	15
83	Post-eruptive flooding of Santorini caldera and implications for tsunami generation. <i>Nature Communications</i> , 2016 , 7, 13332	17.4	38
82	Submarine sedimentation processes in the southeastern Terceira Rift/S \bar{B} Miguel region (Azores). <i>Marine Geology</i> , 2016 , 374, 42-58	3.3	12
81	Vast amount of accommodation space controlled evolution of a continuous Pliocene-Pleistocene mixed cool-water carbonate-siliciclastic prograding wedge in the Bay of Oran (Western Mediterranean). <i>Marine and Petroleum Geology</i> , 2016 , 73, 86-96	4.7	1
80	High-resolution shear-wave seismics across the Carlsberg Fault zone south of Copenhagen □ Implications for linking Mesozoic and late Pleistocene structures. <i>Tectonophysics</i> , 2016 , 682, 56-64	3.1	7
79	Lowstand wedges in carbonate platform slopes (Quaternary, Maldives, Indian Ocean). <i>Depositional Record</i> , 2016 , 2, 196-207	2	16
78	Triassic to recent tectonic evolution of a crestal collapse graben above a salt-cored anticline in the Gl \ddot{u} ckstadt Graben/North German Basin. <i>Tectonophysics</i> , 2016 , 680, 50-66	3.1	15
77	Tectono-stratigraphic evolution through successive extensional events of the Anydros Basin, hosting Kolumbo volcanic field at the Aegean Sea, Greece. <i>Tectonophysics</i> , 2016 , 671, 202-217	3.1	22
76	The tectonic evolution of the southeastern Terceira Rift/S \bar{B} Miguel region (Azores). <i>Tectonophysics</i> , 2015 , 654, 75-95	3.1	21
75	The Hecataeus Rise, easternmost Mediterranean: A structural record of Miocene-Quaternary convergence and incipient continent-continent-collision at the African-Anatolian plate boundary. <i>Marine and Petroleum Geology</i> , 2015 , 67, 368-388	4.7	10
74	Morpho-structural evolution of a volcanic island developed inside an active oceanic rift: S. Miguel Island (Terceira Rift, Azores). <i>Journal of Volcanology and Geothermal Research</i> , 2015 , 301, 90-106	2.8	40
73	Submarine explosive volcanism in the southeastern Terceira Rift/S \bar{B} Miguel region (Azores). <i>Journal of Volcanology and Geothermal Research</i> , 2015 , 303, 79-91	2.8	18
72	Crustal seismic velocity structure from Eratosthenes Seamount to Hecataeus Rise across the Cyprus Arc, eastern Mediterranean. <i>Geophysical Journal International</i> , 2015 , 200, 933-951	2.6	22
71	Crustal structure from the Hecataeus Rise to the Levantine Basin, eastern Mediterranean, from seismic refraction and gravity modelling. <i>Geophysical Journal International</i> , 2015 , 203, 2055-2069	2.6	5
70	Volcano-tectonic evolution of the polygenetic Kolumbo submarine volcano/Santorini (Aegean Sea). <i>Journal of Volcanology and Geothermal Research</i> , 2015 , 291, 101-111	2.8	36

69	The Northern Red Sea in Transition from Rifting to Drifting-Lessons Learned from Ocean Deep. <i>Springer Earth System Sciences</i> , 2015 , 99-121	0.3	6
68	Record of the Messinian Salinity Crisis in the SW Mallorca area (Balearic Promontory, Spain). <i>Marine Geology</i> , 2014 , 357, 304-320	3.3	18
67	The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. <i>Marine Geology</i> , 2014 , 352, 25-58	3.3	328
66	Ice-load induced tectonics controlled tunnel valley evolution – Instances from the southwestern Baltic Sea. <i>Quaternary Science Reviews</i> , 2014 , 97, 121-135	3.9	20
65	Periplatform drift: The combined result of contour current and off-bank transport along carbonate platforms. <i>Geology</i> , 2014 , 42, 871-874	5	55
64	Fault-controlled evaporite deformation in the Levant Basin, Eastern Mediterranean. <i>Marine Geology</i> , 2014 , 354, 53-68	3.3	38
63	Sea-level and ocean-current control on carbonate-platform growth, Maldives, Indian Ocean. <i>Basin Research</i> , 2013 , 25, 172-196	3.2	62
62	Influence of recent depositional and tectonic controls on marine gas hydrates in Trujillo Basin, Peru Margin. <i>Marine Geology</i> , 2013 , 340, 30-48	3.3	6
61	Current and sea-level signals in periplatform ooze (Neogene, Maldives, Indian Ocean). <i>Sedimentary Geology</i> , 2013 , 290, 126-137	2.8	35
60	The Maldives, a giant isolated carbonate platform dominated by bottom currents. <i>Marine and Petroleum Geology</i> , 2013 , 43, 326-340	4.7	65
59	Southwest Mallorca Island: A cool-water carbonate margin dominated by drift deposition associated with giant mass wasting. <i>Marine Geology</i> , 2012 , 307-310, 73-87	3.3	21
58	Active faulting and neotectonics in the Baelo Claudia area, Campo de Gibraltar (southern Spain). <i>Tectonophysics</i> , 2012 , 554-557, 127-142	3.1	24
57	Late Pleistocene and Holocene cool-water carbonates of the Western Mediterranean Sea. <i>Sedimentology</i> , 2011 , 58, 643-669	3.3	27
56	Deformed Messinian markers in the Cyprus Arc: tectonic and/or Messinian Salinity Crisis indicators?. <i>Basin Research</i> , 2011 , 23, 146-170	3.2	24
55	Giant pockmarks in a carbonate platform (Maldives, Indian Ocean). <i>Marine Geology</i> , 2011 , 289, 1-16	3.3	29
54	Erosion of continental margins in the Western Mediterranean due to sea-level stagnancy during the Messinian Salinity Crisis. <i>Geo-Marine Letters</i> , 2011 , 31, 51-64	1.9	33
53	The organization of interaction design pattern languages alongside the design process. <i>Interacting With Computers</i> , 2011 , 23, 189-201	1.6	1
52	Structure and evolution of the Northeastern German Basin and its transition onto the Baltic Shield. <i>Marine and Petroleum Geology</i> , 2010 , 27, 923-938	4.7	18

51	Submerged reef terraces of the Maldives (Indian Ocean). <i>Geo-Marine Letters</i> , 2010 , 30, 511-515	1.9	34
50	Contourite drift evolution and related coral growth in the eastern Gulf of Mexico and its gateways. <i>International Journal of Earth Sciences</i> , 2010 , 99, 191-206	2.2	22
49	Building an interaction design pattern language: A case study. <i>Computers in Human Behavior</i> , 2010 , 26, 452-463	7.7	15
48	Mass Wasting at the Easternmost Cyprus Arc, Off Syria, Eastern Mediterranean 2010 , 323-334		1
47	Monsoon-induced partial carbonate platform drowning (Maldives, Indian Ocean). <i>Geology</i> , 2009 , 37, 867-870		71
46	Error prevention in online forms: Use color instead of asterisks to mark required-fields. <i>Interacting With Computers</i> , 2009 , 21, 257-262	1.6	12
45	Salt tectonics and mud volcanism in the Latakia and Cyprus Basins, eastern Mediterranean. <i>Tectonophysics</i> , 2009 , 470, 173-182	3.1	26
44	Comparison of prestack stereotomography and NIP wave tomography for velocity model building: Instances from the Messinian evaporites. <i>Geophysics</i> , 2008 , 73, VE291-VE302	3.1	12
43	Basin Fill 2008 , 156-245		5
42	Salt Dynamics 2008 , 248-344		4
41	Global look at salt giants. <i>Eos</i> , 2007 , 88, 177-179	1.5	29
40	Evidence for a seafloor rupture of the Carboneras Fault Zone (southern Spain): Relation to the 1522 Almer� earthquake?. <i>Journal of Seismology</i> , 2007 , 11, 15-26	1.5	25
39	Basin evolution of the northern part of the Northeast German Basin [Insights from a 3D structural model. <i>Tectonophysics</i> , 2007 , 437, 1-16	3.1	41
38	Velocity model building: A comparison between prestack stereotomography and NIP-wave tomography 2007 ,		1
37	Tectonic isolation of the Levant basin offshore Galilee-Lebanon [Effects of the Dead Sea fault plate boundary on the Levant continental margin, eastern Mediterranean. <i>Journal of Structural Geology</i> , 2006 , 28, 2049-2066	3	50
36	Toward a risk assessment of central Aegean volcanoes. <i>Eos</i> , 2006 , 87, 401	1.5	11
35	Seismic evidence for fluid escape from Mesozoic cuesta type topography in the Skagerrak. <i>Marine and Petroleum Geology</i> , 2006 , 23, 17-28	4.7	18
34	The Levantine Basin [rustal structure and origin. <i>Tectonophysics</i> , 2006 , 418, 167-188	3.1	87

33	The structural evolution of the Messinian evaporites in the Levantine Basin. <i>Marine Geology</i> , 2006 , 230, 249-273	3.3	86
32	The architecture and evolution of the Middle Bengal Fan in vicinity of the active channel levee system imaged by high-resolution seismic data. <i>Marine and Petroleum Geology</i> , 2005 , 22, 637-656	4.7	51
31	Salt tectonics off northern Israel. <i>Marine and Petroleum Geology</i> , 2005 , 22, 597-611	4.7	74
30	La branche orientale de l'Arc de Chypre. Morphostructure d'une fronti�re de plaques d'apr�s les r�sultats de la campagne BLAC (2003). <i>Comptes Rendus - Geoscience</i> , 2005 , 337, 1075-1083	1.4	14
29	Variation of the present-day stress field within the North German Basin Insights from thin shell FE modeling based on residual GPS velocities. <i>Tectonophysics</i> , 2005 , 397, 55-72	3.1	38
28	Seismic study of pull-apart-induced sedimentation and deformation in the Northern Gulf of Aqaba (Elat). <i>Tectonophysics</i> , 2005 , 396, 59-79	3.1	35
27	Conrad Deep, Northern Red Sea: Development of an early stage ocean deep within the axial depression. <i>Tectonophysics</i> , 2005 , 411, 19-40	3.1	21
26	Forced regression systems tracts on the Bengal Shelf. <i>Marine Geology</i> , 2005 , 219, 207-218	3.3	27
25	The Mesozoic-Cenozoic structural framework of the Bay of Kiel area, western Baltic Sea. <i>International Journal of Earth Sciences</i> , 2005 , 94, 1070-1082	2.2	18
24	Seismic velocities from the Yaquina forearc basin off Peru: evidence for free gas within the gas hydrate stability zone. <i>International Journal of Earth Sciences</i> , 2005 , 94, 420-432	2.2	20
23	Imaging of complex basin structures with the common reflection surface (CRS) stack method. <i>Geophysical Journal International</i> , 2004 , 157, 1206-1216	2.6	25
22	Crustal structure of the Peruvian continental margin from wide-angle seismic studies. <i>Geophysical Journal International</i> , 2004 , 159, 749-764	2.6	49
21	Ridge subduction at an erosive margin: The collision zone of the Nazca Ridge in southern Peru. <i>Journal of Geophysical Research</i> , 2004 , 109,		65
20	Investigating the structural evolution of the western Baltic. <i>Eos</i> , 2004 , 85, 115	1.5	12
19	Complex BSR pattern in the Yaquina Basin off Peru. <i>Geo-Marine Letters</i> , 2003 , 23, 91-101	1.9	14
18	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	5	63
17	Frequent channel avulsions within the active channel levee system of the middle Bengal Fan an exceptional channel levee development derived from Parasound and Hydrosweep data. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003 , 50, 1023-1045	2.3	44
16	QUATERNARY SEDIMENTATION IN THE MOLENGRAAFF PALEO-DELTA, NORTHERN SUNDA SHELF (SOUTHERN SOUTH CHINA SEA) 2003 , 201-216		7

15	High-resolution analysis of the deposition pattern on the Amazon sub-aquatic delta and outer continental shelf. <i>Marine Geophysical Researches</i> , 2002 , 23, 209-222	2.3	16
14	The link between bottom-simulating reflections and methane flux into the gas hydrate stability zone: New evidence from Lima Basin, Peru Margin. <i>Earth and Planetary Science Letters</i> , 2001 , 185, 343-354	5.3	49
13	Implications for focused fluid transport at the northern Cascadia accretionary prism from a correlation between BSR occurrence and near-sea-floor reflectivity anomalies imaged in a multi-frequency seismic data set. <i>International Journal of Earth Sciences</i> , 2000 , 88, 655-667	2.2	7
12	Coolitic beach barriers of the last Glacial sea-level lowstand at the outer Bengal shelf. <i>Marine Geology</i> , 1999 , 157, 7-18	3.3	39
11	Seismic reflectivity anomalies in sediments at the eastern flank of the Juan de Fuca Ridge: Evidence for fluid migration?. <i>Journal of Geophysical Research</i> , 1999 , 104, 15351-15364		15
10	Late Quaternary Seismic Stratigraphy of the Eastern Bengal Shelf. <i>Marine Geophysical Researches</i> , 1998 , 20, 57-71	2.3	14
9	The submarine delta of the Ganges-Brahmaputra: cyclone-dominated sedimentation patterns. <i>Marine Geology</i> , 1998 , 149, 133-154	3.3	117
8	Active growth of the Bengal Fan during sea-level rise and highstand. <i>Geology</i> , 1997 , 25, 315	5	163
7	The youngest channel-levee system of the Bengal Fan: results from digital sediment echosounder data. <i>Marine Geology</i> , 1997 , 141, 125-145	3.3	69
6	Crustal structure of the Antarctic continental margin in the eastern Weddell Sea. <i>Geological Society Special Publication</i> , 1996 , 108, 165-174	1.7	6
5	The continental margin off East Antarctica between 10°W and 30°W. <i>Geological Society Special Publication</i> , 1996 , 108, 129-141	1.7	9
4	Structure and origin of southern Weddell Sea crust: results and implications. <i>Geological Society Special Publication</i> , 1996 , 108, 201-211	1.7	10
3	Alpine tectonics north of the Alps 1233-1285		21
2	Spatio-temporal evolution of the Christiana-Santorini-Kolumbo volcanic field, Aegean Sea. <i>Geology</i> ,	5	1
1	Impact of Late Cretaceous inversion and Cenozoic extension on salt structure growth in the Baltic sector of the North German Basin. <i>Basin Research</i> ,	3.2	1