

Christian Huebscher

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

3,948
citations

136740

32
h-index

155451

55
g-index

153
all docs

153
docs citations

153
times ranked

3303
citing authors

#	ARTICLE	IF	CITATIONS
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> , 2022, 34, 220-250.	1.3	9
2	Spatio-temporal evolution of the Christiana-Santorini-Kolumbo volcanic field, Aegean Sea. <i>Geology</i> , 2022, 50, 96-100.	2.0	16
3	Submarine landsliding in carbonate ooze along low-angle slopes (Inner Sea, Maldives). <i>Marine and Petroleum Geology</i> , 2022, 136, 105403.	1.5	9
4	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, 229271.	0.9	3
5	The Hidden Giant: How a rift pulse triggered a cascade of sector collapses and voluminous secondary mass-transport events in the early evolution of Santorini. <i>Basin Research</i> , 2022, 34, 1465-1485.	1.3	8
6	Early stage diapirism in the Red Sea deep-water evaporites: Origins and length-scales. <i>Tectonophysics</i> , 2022, 831, 229331.	0.9	4
7	Asymmetric abundances of submarine sediment waves around the Azores volcanic islands. <i>Marine Geology</i> , 2022, 449, 106837.	0.9	5
8	The submarine Azores Plateau: Evidence for a waning mantle plume?. <i>Marine Geology</i> , 2022, 451, 106858.	0.9	5
9	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.	0.5	2
10	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.	1.1	5
11	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.	0.5	4
12	Introduction to special section: Seismic interpretation of contourites and deep-water sediment waves. <i>Interpretation</i> , 2021, 9, SBI-SBii.	0.5	0
13	The Evolution of Central Volcanoes in Ultraslow Rift Systems: Constraints From D. João de Castro Seamount, Azores. <i>Tectonics</i> , 2021, 40, e2020TC006663.	1.3	5
14	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.	0.5	1
15	Gabbro Discovery in Discovery Deep: First Plutonic Rock Samples From the Red Sea Rift Axis. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
16	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.	0.9	7
17	Seismic markers of the Messinian salinity crisis in the deep Ionian Basin. <i>Basin Research</i> , 2020, 32, 716-738.	1.3	22
18	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.	1.3	9

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19	Seismic amplitude and attribute data from Mesozoic strata in the Skagerrak (Danish-Norwegian North) Tj ETQq1 104596.	0.784314 1.5	7
20	Geochemical characterization of deep-sea sediments on the Azores Plateau – From diagenesis to hydrothermal activity. <i>Marine Geology</i> , 2020, 429, 106291.	0.9	7
21	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.	0.6	11
22	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.	1.4	12
23	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.	1.3	11
24	Impact of Late Cretaceous to Neogene plate tectonics and Quaternary ice loads on supra-salt deposits at Eastern Glückstadt Graben, North German Basin. <i>International Journal of Earth Sciences</i> , 2020, 109, 1029-1050.	0.9	8
25	The Christiana–Santorini–Kolumbo Volcanic Field. <i>Elements</i> , 2019, 15, 171-176.	0.5	19
26	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.	1.0	3
27	Data Acquisition and Mapping for Geohazard Analysis. <i>Communications in Computer and Information Science</i> , 2019, , 130-140.	0.4	0
28	Extreme intensity of fluid-rock interaction during extensive intraplate volcanism. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 257, 26-48.	1.6	6
29	Evolution of contourite systems in the late Cretaceous Chalk Sea along the Tornquist Zone. <i>Sedimentology</i> , 2019, 66, 1341-1360.	1.6	9
30	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.	1.4	15
31	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.	0.9	43
32	The role of internal waves in the late Quaternary evolution of the Israeli continental slope. <i>Marine Geology</i> , 2018, 406, 177-192.	0.9	12
33	Correlated Changes Between Volcanic Structures and Magma Composition in the Faial Volcanic System, Azores. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	14
34	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.	0.9	20
35	Deglaciation and future stability of the Coats Land ice margin, Antarctica. <i>Cryosphere</i> , 2018, 12, 2383-2399.	1.5	13
36	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.	1.2	23

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37	Deformation of a young salt giant: regional topography of the <i>Edessa</i> Miocene evaporites. <i>Basin Research</i> , 2017, 29, 352-369.	1.3	23
38	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.	0.9	37
39	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.	0.9	29
40	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.	0.7	12
41	Crustal structure of the Eurasia–Africa plate boundary across the Gloria Fault, North Atlantic Ocean. <i>Geophysical Journal International</i> , 2017, 209, 713-729.	1.0	15
42	Early Holocene estuary development of the Hesselbåge Bay area, southern Kattegat, Denmark and its implication for Ancylus Lake drainage. <i>Geo-Marine Letters</i> , 2017, 37, 579-591.	0.5	2
43	Morphotectonic Analysis between Crete and Kasos. , 2017, , .		2
44	Evolution of a young salt giant: The example of the Messinian evaporites in the Levantine Basin. , 2017, , 175-182.		1
45	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.	0.9	12
46	Lowstand wedges in carbonate platform slopes (Quaternary, Maldives, Indian Ocean). <i>Depositional Record</i> , 2016, 2, 196-207.	0.8	22
47	Triassic to recent tectonic evolution of a crestal collapse graben above a salt-cored anticline in the Glöckstadt Graben/North German Basin. <i>Tectonophysics</i> , 2016, 680, 50-66.	0.9	20
48	Tectono-stratigraphic evolution through successive extensional events of the Ankyros Basin, hosting Kolumbo volcanic field at the Aegean Sea, Greece. <i>Tectonophysics</i> , 2016, 671, 202-217.	0.9	33
49	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.	1.5	20
50	Post-eruptive flooding of Santorini caldera and implications for tsunami generation. <i>Nature Communications</i> , 2016, 7, 13332.	5.8	58
51	Submarine sedimentation processes in the southeastern Terceira Rift/São Miguel region (Azores). <i>Marine Geology</i> , 2016, 374, 42-58.	0.9	15
52	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) Tj ETQq0 0 0 rgBT /Overlockd 10 Tf 50.137 Td (M		
53	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.	1.3	11
54	Reflection/Refraction Seismology. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 721-731.	0.1	3

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55	Submarine explosive volcanism in the southeastern Terceira Rift/S�o Miguel region (Azores). Journal of Volcanology and Geothermal Research, 2015, 303, 79-91.	0.8	27
56	Crustal seismic velocity structure from Eratosthenes Seamount to Hecataeus Rise across the Cyprus Arc, eastern Mediterranean. Geophysical Journal International, 2015, 200, 933-951.	1.0	27
57	Crustal structure from the Hecataeus Rise to the Levantine Basin, eastern Mediterranean, from seismic refraction and gravity modelling. Geophysical Journal International, 2015, 203, 2055-2069.	1.0	9
58	Volcano-tectonic evolution of the polygenetic Kolumbo submarine volcano/Santorini (Aegean Sea). Journal of Volcanology and Geothermal Research, 2015, 291, 101-111.	0.8	47
59	The tectonic evolution of the southeastern Terceira Rift/S�o Miguel region (Azores). Tectonophysics, 2015, 654, 75-95.	0.9	31
60	The Hecataeus Rise, easternmost Mediterranean: A structural record of Miocene-Quaternary convergence and incipient continent-continent-collision at the African-Anatolian plate boundary. Marine and Petroleum Geology, 2015, 67, 368-388.	1.5	12
61	Morpho-structural evolution of a volcanic island developed inside an active oceanic rift: S. Miguel Island (Terceira Rift, Azores). Journal of Volcanology and Geothermal Research, 2015, 301, 90-106.	0.8	54
62	The Northern Red Sea in Transition from Rifting to Drifting-Lessons Learned from Ocean Deep. Springer Earth System Sciences, 2015, , 99-121.	0.1	19
63	Periplatform drift: The combined result of contour current and off-bank transport along carbonate platforms. Geology, 2014, 42, 871-874.	2.0	70
64	Fault-controlled evaporite deformation in the Levant Basin, Eastern Mediterranean. Marine Geology, 2014, 354, 53-68.	0.9	42
65	Record of the Messinian Salinity Crisis in the SW Mallorca area (Balearic Promontory, Spain). Marine Geology, 2014, 357, 304-320.	0.9	21
66	The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. Marine Geology, 2014, 352, 25-58.	0.9	436
67	Ice-load induced tectonics controlled tunnel valley evolution " instances from the southwestern Baltic Sea. Quaternary Science Reviews, 2014, 97, 121-135.	1.4	23
68	Reflection/Refraction Seismology. , 2014, , 1-15.		14
69	Sea-level and ocean-current control on carbonate platform growth, Maldives, Indian Ocean. Basin Research, 2013, 25, 172-196.	1.3	76
70	Influence of recent depositional and tectonic controls on marine gas hydrates in Trujillo Basin, Peru Margin. Marine Geology, 2013, 340, 30-48.	0.9	9
71	Current and sea-level signals in periplatform ooze (Neogene, Maldives, Indian Ocean). Sedimentary Geology, 2013, 290, 126-137.	1.0	49
72	The Maldives, a giant isolated carbonate platform dominated by bottom currents. Marine and Petroleum Geology, 2013, 43, 326-340.	1.5	87

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73	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.	0.9	27
74	Active faulting and neotectonics in the Baelo Claudia area, Campo de Gibraltar (southern Spain). <i>Tectonophysics</i> , 2012, 554-557, 127-142.	0.9	32
75	Late Pleistocene and Holocene cool-water carbonates of the Western Mediterranean Sea. <i>Sedimentology</i> , 2011, 58, 643-669.	1.6	29
76	Deformed Messinian markers in the Cyprus Arc: tectonic and/or Messinian Salinity Crisis indicators?. <i>Basin Research</i> , 2011, 23, 146-170.	1.3	28
77	Giant pockmarks in a carbonate platform (Maldives, Indian Ocean). <i>Marine Geology</i> , 2011, 289, 1-16.	0.9	39
78	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.	0.5	37
79	The organization of interaction design pattern languages alongside the design process. <i>Interacting With Computers</i> , 2011, 23, 189-201.	1.0	2
80	Submerged reef terraces of the Maldives (Indian Ocean). <i>Geo-Marine Letters</i> , 2010, 30, 511-515.	0.5	38
81	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.	0.9	27
82	Building an interaction design pattern language: A case study. <i>Computers in Human Behavior</i> , 2010, 26, 452-463.	5.1	25
83	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.	1.5	22
84	Mass Wasting at the Easternmost Cyprus Arc, Off Syria, Eastern Mediterranean. , 2010, , 323-334.		1
85	Monsoon-induced partial carbonate platform drowning (Maldives, Indian Ocean). <i>Geology</i> , 2009, 37, 867-870.	2.0	86
86	Error prevention in online forms: Use color instead of asterisks to mark required-fields. <i>Interacting With Computers</i> , 2009, 21, 257-262.	1.0	19
87	Salt tectonics and mud volcanism in the Latakia and Cyprus Basins, eastern Mediterranean. <i>Tectonophysics</i> , 2009, 470, 173-182.	0.9	27
88	Deep Imaging with a New Method for Efficient 3D Broadband Marine Acquisition and Processing. , 2009, , .		0
89	Comparison of prestack stereotomography and NIP wave tomography for velocity model building: Instances from the Messinian evaporites. <i>Geophysics</i> , 2008, 73, VE291-VE302.	1.4	18
90	Basin Fill. , 2008, , 156-245.		7

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91	Salt Dynamics. , 2008, , 248-344.		9
92	Basin evolution of the northern part of the Northeast German Basin " Insights from a 3D structural model. Tectonophysics, 2007, 437, 1-16.	0.9	47
93	Global look at salt giants. Eos, 2007, 88, 177-179.	0.1	29
94	Evidence for a seafloor rupture of the Carboneras Fault Zone (southern Spain): Relation to the 1522 Almer" earthquake?. Journal of Seismology, 2007, 11, 15-26.	0.6	34
95	Velocity model building: A comparison between prestack stereotomography and NIP"wave tomography. , 2007, , .		1
96	Toward a risk assessment of central Aegean volcanoes. Eos, 2006, 87, 401.	0.1	19
97	Seismic evidence for fluid escape from Mesozoic cuesta type topography in the Skagerrak. Marine and Petroleum Geology, 2006, 23, 17-28.	1.5	23
98	The Levantine Basin" crustal structure and origin. Tectonophysics, 2006, 418, 167-188.	0.9	102
99	The structural evolution of the Messinian evaporites in the Levantine Basin. Marine Geology, 2006, 230, 249-273.	0.9	96
100	Tectonic isolation of the Levant basin offshore Galilee-Lebanon " effects of the Dead Sea fault plate boundary on the Levant continental margin, eastern Mediterranean. Journal of Structural Geology, 2006, 28, 2049-2066.	1.0	60
101	Forced regression systems tracts on the Bengal Shelf. Marine Geology, 2005, 219, 207-218.	0.9	34
102	The Mesozoic" Cenozoic structural framework of the Bay of Kiel area, western Baltic Sea. International Journal of Earth Sciences, 2005, 94, 1070-1082.	0.9	20
103	Seismic velocities from the Yaquina forearc basin off Peru: evidence for free gas within the gas hydrate stability zone. International Journal of Earth Sciences, 2005, 94, 420-432.	0.9	22
104	The architecture and evolution of the Middle Bengal Fan in vicinity of the active channel" levee system imaged by high-resolution seismic data. Marine and Petroleum Geology, 2005, 22, 637-656.	1.5	62
105	Salt tectonics off northern Israel. Marine and Petroleum Geology, 2005, 22, 597-611.	1.5	80
106	Variation of the present-day stress field within the North German Basin" insights from thin shell FE modeling based on residual GPS velocities. Tectonophysics, 2005, 397, 55-72.	0.9	40
107	Seismic study of pull-apart-induced sedimentation and deformation in the Northern Gulf of Aqaba (Elat). Tectonophysics, 2005, 396, 59-79.	0.9	42
108	Conrad Deep, Northern Red Sea: Development of an early stage ocean deep within the axial depression. Tectonophysics, 2005, 411, 19-40.	0.9	22

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109	Imaging of complex basin structures with the common reflection surface (CRS) stack method. <i>Geophysical Journal International</i> , 2004, 157, 1206-1216.	1.0	28
110	Crustal structure of the Peruvian continental margin from wide-angle seismic studies. <i>Geophysical Journal International</i> , 2004, 159, 749-764.	1.0	54
111	Ridge subduction at an erosive margin: The collision zone of the Nazca Ridge in southern Peru. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	78
112	Investigating the structural evolution of the western Baltic. <i>Eos</i> , 2004, 85, 115.	0.1	14
113	Complex BSR pattern in the Yaquina Basin off Peru. <i>Geo-Marine Letters</i> , 2003, 23, 91-101.	0.5	15
114	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
115	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.	0.6	62
116	QUATERNARY SEDIMENTATION IN THE MOLENGRAAFF PALEO-DELTA, NORTHERN SUNDA SHELF (SOUTHERN) Tj ETQq0 0 0 rgBT /Overlo 18		
117	Title is missing!. <i>Marine Geophysical Researches</i> , 2002, 23, 209-222.	0.5	19
118	Time migrated CRS images of complex inverted basin structures. , 2002, , .		1
119	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.	1.8	54
120	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.	0.9	7
121	Oolitic beach barriers of the last Glacial sea-level lowstand at the outer Bengal shelf. <i>Marine Geology</i> , 1999, 157, 7-18.	0.9	53
122	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.	3.3	20
123	Late Quaternary Seismic Stratigraphy of the Eastern Bengal Shelf. <i>Marine Geophysical Researches</i> , 1998, 20, 57-71.	0.5	18
124	The submarine delta of the Ganges-“Brahmaputra: cyclone-dominated sedimentation patterns. <i>Marine Geology</i> , 1998, 149, 133-154.	0.9	138
125	Active growth of the Bengal Fan during sea-level rise and highstand. <i>Geology</i> , 1997, 25, 315.	2.0	204
126	The youngest channel-levee system of the Bengal Fan: results from digital sediment echosounder data. <i>Marine Geology</i> , 1997, 141, 125-145.	0.9	84

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127	Crustal structure of the Antarctic continental margin in the eastern Weddell Sea. Geological Society Special Publication, 1996, 108, 165-174.	0.8	7
128	The continental margin off East Antarctica between 10°W and 30°W. Geological Society Special Publication, 1996, 108, 129-141.	0.8	12
129	Structure and origin of southern Weddell Sea crust: results and implications. Geological Society Special Publication, 1996, 108, 201-211.	0.8	13
130	Alpine tectonics north of the Alps. , 0, , 1233-1285.		32