Christian Schiffer

List of Publications by Year
in descending order

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30 papers	613 citations	623734 14 h-index	610901 24 g-index
30 all docs	30 docs citations	30 times ranked	581 citing authors

#	Article	IF	Citations
1	The crustal structure in the Northwest Atlantic region from receiver function inversion â€“ Implications for basin dynamics and magmatism. Tectonophysics, 2022, 825, 229235.	2.2	3
2	Vp/Vs ratios in the ParnaÃba Basin from joint active-passive seismic analysis â€“ Implications for continental amalgamation and basin formation. Tectonophysics, 2021, 801, 228715.	2.2	1
3	New Insights Into Crustal Properties of Anatolia and Its Surroundings Inferred From Pâ€Coda Autocorrelation Inversions. Journal of Geophysical Research: Solid Earth, 2021, 126, .	3.4	1
4	Crustal fragmentation, magmatism, and the diachronous opening of the Norwegian-Greenland Sea. Earth-Science Reviews, 2020, 206, 102839.	9.1	63
5	Structural inheritance in the North Atlantic. Earth-Science Reviews, 2020, 206, 102975.	9.1	60
6	The Iceland Microcontinent and a continental Greenland-Iceland-Faroe Ridge. Earth-Science Reviews, 2020, 206, 102926.	9.1	42
7	A review of Pangaea dispersal and Large Igneous Provinces â€“ In search of a causative mechanism. Earth-Science Reviews, 2020, 206, 102902.	9.1	64
8	A new paradigm for the North Atlantic Realm. Earth-Science Reviews, 2020, 206, 103038.	9.1	6
9	Late Cretaceous-Cenozoic basin inversion and palaeostress fields in the North Atlantic-western Alpine-Tethys realm: Implications for intraplate tectonics. Earth-Science Reviews, 2020, 210, 103252.	9.1	22
10	Sediment supply on the West Greenland passive margin: redirection of a large pre-glacial drainage system. Journal of the Geological Society, 2020, 177, 1149-1160.	2.1	5
11	CRUSTAL STRUCTURE OF THE WEST GREENLAND IGNEOUS PROVINCE â€“ IMPLICATIONS FOR TECTONO-MAGMATIC EVOLUTION. , 2020, , .		0
12	Localized crustal deformation along the central North Anatolian Fault Zone revealed by joint inversion ofP-receiver functions andP-wave polarizations. Geophysical Journal International, 2019, 217, 682-702.	2.4	12
13	Water, Hydrous Melting, and Teleseismic Signature of the Mantle Transition Zone. Geosciences (Switzerland), 2019, 9, 505.	2.2	5
14	The Jan Mayen microplate complex and the Wilson cycle. Geological Society Special Publication, 2019, 470, 393-414.	1.3	14
15	High Arctic geopotential stress field and implications for geodynamic evolution. Geological Society Special Publication, 2018, 460, 441-465.	1.3	13
16	Integrated crustalâ€“geological cross-section of Ellesmere Island. Geological Society Special Publication, 2018, 460, 7-17.	1.3	10
17	Regional crustal architecture of Ellesmere Island, Arctic Canada. Geological Society Special Publication, 2018, 460, 19-32.	1.3	11
18	LIP formation and protracted lower mantle upwelling induced by rifting and delamination. Scientific Reports, 2018, 8, 16578.	3.3	28

#	Article	IF	Citations
19	Garnetâ€controlled very low velocities in the lower mantle transition zone at sites of mantle upwelling. Terra Nova, 2018, 30, 333-340.	2.1	2
20	Evidence for Basement Reactivation during the Opening of the Labrador Sea from the Makkovik Province, Labrador, Canada: Insights from Field Data and Numerical Models. Geosciences (Switzerland), 2018, 8, 308.	2.2	22
21	Evolution of Labrador Seaâ€“Baffin Bay: Plate or Plume Processes?. Geoscience Canada, 2017, 44, 91-102.	0.8	25
22	CRUSTAL STRUCTURE OF THE EUREKAN OROGEN, ARCTIC CANADA. , 2017, , .		0
23	Implications for anomalous mantle pressure and dynamic topography from lithospheric stress patterns in the North Atlantic Realm. Journal of Geodynamics, 2016, 98, 53-69.	1.6	23
24	Geophysical-petrological modelling of the East Greenland Caledonides â€“ Isostatic support from crust and upper mantle. Tectonophysics, 2016, 692, 44-57.	2.2	16
25	Wilson cycle passive margins: Control of orogenic inheritance on continental breakup. Gondwana Research, 2016, 39, 131-144.	6.0	66
26	The crustal structure of Ellesmere Island, Arctic Canadaâ€”teleseismic mapping across a remote intraplate orogenic belt. Geophysical Journal International, 2016, 204, 1579-1600.	2.4	16
27	The East Greenland Caledonidesâ€”teleseismic signature, gravity and isostasy. Geophysical Journal International, 2015, 203, 1400-1418.	2.4	25
28	A sub-crustal piercing point for North Atlantic reconstructions and tectonic implications. Geology, 2015, , G37245.1.	4.4	9
29	Seismological evidence for a fossil subduction zone in the East Greenland Caledonides. Geology, 2014, 42, 311-314.	4.4	46
30	Deep controls on intraplate basin inversion. , 2014, , 257-274.		3