

Christian Schiffer

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Wilson cycle passive margins: Control of orogenic inheritance on continental breakup. <i>Gondwana Research</i> , 2016, 39, 131-144. | 6.0 | 66 |
| 2 | A review of Pangaea dispersal and Large Igneous Provinces – In search of a causative mechanism. <i>Earth-Science Reviews</i> , 2020, 206, 102902. | 9.1 | 64 |
| 3 | Crustal fragmentation, magmatism, and the diachronous opening of the Norwegian-Greenland Sea. <i>Earth-Science Reviews</i> , 2020, 206, 102839. | 9.1 | 63 |
| 4 | Structural inheritance in the North Atlantic. <i>Earth-Science Reviews</i> , 2020, 206, 102975. | 9.1 | 60 |
| 5 | Seismological evidence for a fossil subduction zone in the East Greenland Caledonides. <i>Geology</i> , 2014, 42, 311-314. | 4.4 | 46 |
| 6 | The Iceland Microcontinent and a continental Greenland-Iceland-Faroe Ridge. <i>Earth-Science Reviews</i> , 2020, 206, 102926. | 9.1 | 42 |
| 7 | LIP formation and protracted lower mantle upwelling induced by rifting and delamination. <i>Scientific Reports</i> , 2018, 8, 16578. | 3.3 | 28 |
| 8 | The East Greenland Caledonides’ teleseismic signature, gravity and isostasy. <i>Geophysical Journal International</i> , 2015, 203, 1400-1418. | 2.4 | 25 |
| 9 | Evolution of Labrador Sea – Baffin Bay: Plate or Plume Processes?. <i>Geoscience Canada</i> , 2017, 44, 91-102. | 0.8 | 25 |
| 10 | Implications for anomalous mantle pressure and dynamic topography from lithospheric stress patterns in the North Atlantic Realm. <i>Journal of Geodynamics</i> , 2016, 98, 53-69. | 1.6 | 23 |
| 11 | Evidence for Basement Reactivation during the Opening of the Labrador Sea from the Makkovik Province, Labrador, Canada: Insights from Field Data and Numerical Models. <i>Geosciences (Switzerland)</i> , 2018, 8, 308. | 2.2 | 22 |
| 12 | Late Cretaceous-Cenozoic basin inversion and palaeostress fields in the North Atlantic-western Alpine-Tethys realm: Implications for intraplate tectonics. <i>Earth-Science Reviews</i> , 2020, 210, 103252. | 9.1 | 22 |
| 13 | Geophysical-petrological modelling of the East Greenland Caledonides – Isostatic support from crust and upper mantle. <i>Tectonophysics</i> , 2016, 692, 44-57. | 2.2 | 16 |
| 14 | The crustal structure of Ellesmere Island, Arctic Canada – teleseismic mapping across a remote intraplate orogenic belt. <i>Geophysical Journal International</i> , 2016, 204, 1579-1600. | 2.4 | 16 |
| 15 | The Jan Mayen microplate complex and the Wilson cycle. <i>Geological Society Special Publication</i> , 2019, 470, 393-414. | 1.3 | 14 |
| 16 | High Arctic geopotential stress field and implications for geodynamic evolution. <i>Geological Society Special Publication</i> , 2018, 460, 441-465. | 1.3 | 13 |
| 17 | Localized crustal deformation along the central North Anatolian Fault Zone revealed by joint inversion of <i>P</i> -receiver functions and <i>P</i> -wave polarizations. <i>Geophysical Journal International</i> , 2019, 217, 682-702. | 2.4 | 12 |
| 18 | Regional crustal architecture of Ellesmere Island, Arctic Canada. <i>Geological Society Special Publication</i> , 2018, 460, 19-32. | 1.3 | 11 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Integrated crustal geological cross-section of Ellesmere Island. Geological Society Special Publication, 2018, 460, 7-17. | 1.3 | 10 |
| 20 | A sub-crustal piercing point for North Atlantic reconstructions and tectonic implications. Geology, 2015, , G37245.1. | 4.4 | 9 |
| 21 | A new paradigm for the North Atlantic Realm. Earth-Science Reviews, 2020, 206, 103038. | 9.1 | 6 |
| 22 | Water, Hydrous Melting, and Teleseismic Signature of the Mantle Transition Zone. Geosciences (Switzerland), 2019, 9, 505. | 2.2 | 5 |
| 23 | 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 |
| 24 | Deep controls on intraplate basin inversion. , 2014, , 257-274. | | 3 |
| 25 | The crustal structure in the Northwest Atlantic region from receiver function inversion – Implications for basin dynamics and magmatism. Tectonophysics, 2022, 825, 229235. | 2.2 | 3 |
| 26 | Garnet-controlled very low velocities in the lower mantle transition zone at sites of mantle upwelling. Terra Nova, 2018, 30, 333-340. | 2.1 | 2 |
| 27 | Vp/Vs ratios in the Parnaíba Basin from joint active-passive seismic analysis – Implications for continental amalgamation and basin formation. Tectonophysics, 2021, 801, 228715. | 2.2 | 1 |
| 28 | New Insights Into Crustal Properties of Anatolia and Its Surroundings Inferred From P coda Autocorrelation Inversions. Journal of Geophysical Research: Solid Earth, 2021, 126, . | 3.4 | 1 |
| 29 | CRUSTAL STRUCTURE OF THE EUREKAN OROGEN, ARCTIC CANADA. , 2017, , . | | 0 |
| 30 | CRUSTAL STRUCTURE OF THE WEST GREENLAND IGNEOUS PROVINCE – IMPLICATIONS FOR TECTONO-MAGMATIC EVOLUTION. , 2020, , . | | 0 |