

# Nikolas Christensen

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

3,139  
citations

430442

18  
h-index

676716

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2461  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | A Double Difference Tomography Study of the Washington Forearc: Does Siletzia Control Crustal Seismicity?. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019750.                                      | 1.4  | 9         |
| 2  | The Northern Terminus of Cascadia Subduction. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018453.   | 1.4  | 13        |
| 3  | Seismicity in Cascadia. <i>Lithos</i> , 2019, 332-333, 55-66.   | 0.6  | 26        |
| 4  | Seismicity, Metamorphism, and Fluid Evolution Across the Northern Cascadia Fore Arc. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1881-1897.   | 1.0  | 23        |
| 5  | On corner frequencies, attenuation, and low-frequency earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 543-557.  | 1.4  | 22        |
| 6  | Crustal anisotropy in a subduction zone forearc: Northern Cascadia. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 7058-7078.   | 1.4  | 17        |
| 7  | Nature of the low velocity zone in Cascadia from receiver function waveform inversion. <i>Earth and Planetary Science Letters</i> , 2012, 337-338, 25-38.   | 1.8  | 58        |
| 8  | Evaluation of intrinsic velocity-pressure trends from low-pressure P-wave velocity measurements in rocks containing microcracks. <i>Geophysical Journal International</i> , 2011, 185, 1312-1320.                               | 1.0  | 23        |
| 9  | High pore pressures and porosity at 35 km depth in the Cascadia subduction zone. <i>Geology</i> , 2011, 39, 471-474.  | 2.0  | 184       |
| 10 | Seismic evidence for overpressured subducted oceanic crust and megathrust fault sealing. <i>Nature</i> , 2009, 457, 76-78.  | 13.7 | 471       |
| 11 | Compressional and shear wave velocities in South Island, New Zealand rocks and their application to the interpretation of seismological models of the New Zealand crust. <i>Geophysical Monograph Series</i> , 2007, , 123-155. | 0.1  | 22        |
| 12 | Serpentinites, Peridotites, and Seismology. <i>International Geology Review</i> , 2004, 46, 795-816.  | 1.1  | 280       |
| 13 | Seismic and laboratory constraints on crustal formation in a former continental arc (ACCRETE,). <i>Tj ETQq1 1 0.784314.rgBT /Overlock 19</i>  | 3.3  | 19        |
| 14 | Anisotropic effects of non-axial seismic wave propagation in foliated crustal rocks. <i>Geophysical Research Letters</i> , 2002, 29, 2-1.   | 1.5  | 27        |
| 15 | Upper crustal structure in Puget Lowland, Washington: Results from the 1998 Seismic Hazards Investigation in Puget Sound. <i>Journal of Geophysical Research</i> , 2001, 106, 13541-13564.                                      | 3.3  | 103       |
| 16 | Ultrasonic P- and S-wave attenuation in oceanic basalt. <i>Geophysical Journal International</i> , 2001, 145, 172-186.  | 1.0  | 33        |
| 17 | Effects of pore pressure on compressional wave attenuation in a young oceanic basalt. <i>Geophysical Research Letters</i> , 1999, 26, 1321-1324.  | 1.5  | 10        |
| 18 | Poisson's ratio and crustal seismology. <i>Journal of Geophysical Research</i> , 1996, 101, 3139-3156.  | 3.3  | 1,352     |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Pore pressure and oceanic crustal seismic structure. <i>Geophysical Journal International</i> , 1984, 79, 411-423.  | 1.0 | 137       |
| 20 | Seismic properties, density, and composition of the Icelandic crust near Reydarfjörður. <i>Journal of Geophysical Research</i> , 1982, 87, 6389-6395.   | 3.3 | 54        |
| 21 | Lateral heterogeneity in the seismic structure of the oceanic crust inferred from velocity studies in the Bay of Islands ophiolite, Newfoundland. <i>Geophysical Journal International</i> , 1982, 68, 675-688.     | 1.0 | 32        |
| 22 | The seismic velocity structure of a traverse through the Bay of Islands Ophiolite Complex, Newfoundland, An exposure of oceanic crust and upper mantle. <i>Journal of Geophysical Research</i> , 1978, 83, 805-817. | 3.3 | 224       |
| 23 | Constraints on Early Paleozoic deep-ocean oxygen concentrations from the iron geochemistry of the Bay of Islands ophiolite. <i>Geochemistry, Geophysics, Geosystems</i> , 0, , .                                    | 1.0 | 0         |