

# Daniel A Frost

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1380804/publications.pdf>

Version: 2024-02-01

13  
papers

319  
citations

1040056

9  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and Petrological Constraints of the Midlithospheric Discontinuity. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3484-3504.	2.5	98
2	The P-wave boundary of the Large-Low Shear Velocity Province beneath the Pacific. <i>Earth and Planetary Science Letters</i> , 2014, 403, 380-392.	4.4	36
3	Detection of a tall ridge at the core-mantle boundary from scattered PKP energy. <i>Geophysical Journal International</i> , 2013, 195, 558-574.	2.4	32
4	Seismic evidence for Earth's crusty deep mantle. <i>Earth and Planetary Science Letters</i> , 2017, 470, 54-63.	4.4	31
5	Dynamical links between small- and large-scale mantle heterogeneity: Seismological evidence. <i>Earth and Planetary Science Letters</i> , 2018, 482, 135-146.	4.4	24
6	Dynamic history of the inner core constrained by seismic anisotropy. <i>Nature Geoscience</i> , 2021, 14, 531-535.	12.9	22
7	On the orientation of the fast and slow directions of anisotropy in the deep inner core. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 286, 101-110.	1.9	18
8	Upper mantle slab under Alaska: contribution to anomalous core-phase observations on south-Sandwich to Alaska paths. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 299, 106427.	1.9	16
9	Multidisciplinary Constraints on the Thermal-Chemical Boundary Between Earth's Core and Mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	15
10	Seismic Detections of Small-Scale Heterogeneities in the Deep Earth. , 2015, , 367-390.		11
11	Dubiofossils from a Mars-analogue subsurface palaeoenvironment: The limits of biogenicity criteria. <i>Geobiology</i> , 2021, 19, 473-488.	2.4	10
12	Constraints on Inner Core Anisotropy Using Array Observations of $P\text{-}P_2$ . <i>Geophysical Research Letters</i> , 2017, 44, 10,878.	4.0	3
13	Effects of upper mantle structure beneath Alaska on core-sensitive seismic wave absolute and differential measurements: Implications for estimates of inner core anisotropy. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 315, 106713.	1.9	3