

Grace E Shephard

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,771
citations

430442

18
h-index

610482

24
g-index

40
all docs

40
docs citations

40
times ranked

4158
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismological expression of the iron spin crossover in ferropiclsase in the Earth's lower mantle. Nature Communications, 2021, 12, 5905.	5.8	11
2	Deformation Analysis in the Barents Sea in Relation to Paleogene Transpression Along the Greenland-Eurasia Plate Boundary. Tectonics, 2020, 39, e2020TC006172.	1.3	11
3	A transdisciplinary and community-driven database to unravel subduction zone initiation. Nature Communications, 2020, 11, 3750.	5.8	83
4	The misuse of colour in science communication. Nature Communications, 2020, 11, 5444.	5.8	398
5	Pacific-Panthalassic Reconstructions: Overview, Errata and the Way Forward. Geochemistry, Geophysics, Geosystems, 2019, 20, 3659-3689.	1.0	79
6	Plate Tectonics. , 2019, , .		1
7	SubMachine: Web-Based Tools for Exploring Seismic Tomography and Other Models of Earth's Deep Interior. Geochemistry, Geophysics, Geosystems, 2018, 19, 1464-1483.	1.0	113
8	Tectonic predictions with mantle convection models. Geophysical Journal International, 2018, 213, 16-29.	1.0	10
9	The Tectonic Reflection and the Deep Crustal Structure of the VÅrving Margin, Offshore mid-Norway. Tectonics, 2017, 36, 2497-2523.	1.3	45
10	On the consistency of seismically imaged lower mantle slabs. Scientific Reports, 2017, 7, 10976.	1.6	68
11	Constraining shifts in North Atlantic plate motions during the Palaeocene by U-Pb dating of Svalbard tephra layers. Scientific Reports, 2017, 7, 6822.	1.6	24
12	Intraoceanic subduction spanned the Pacific in the Late Cretaceous-Paleocene. Science Advances, 2017, 3, eaao2303.	4.7	65
13	Ocean Basin Evolution and Global-Scale Plate Reorganization Events Since Pangea Breakup. Annual Review of Earth and Planetary Sciences, 2016, 44, 107-138.	4.6	724
14	Provenance of bentonite layers in the Palaeocene strata of the Central Basin, Svalbard: implications for magmatism and rifting events around the onset of the North Atlantic Igneous Province. Journal of Volcanology and Geothermal Research, 2016, 327, 571-584.	0.8	11
15	Evidence for slab material under Greenland and links to Cretaceous High Arctic magmatism. Geophysical Research Letters, 2016, 43, 3717-3726.	1.5	15
16	Closure of the Mongol-Okhotsk Ocean: Insights from seismic tomography and numerical modelling. Earth and Planetary Science Letters, 2016, 445, 1-12.	1.8	55
17	Assessing the added value of the recent declaration on unregulated fishing for sustainable governance of the central Arctic Ocean. Marine Policy, 2016, 66, 50-57.	1.5	18
18	The ocean-continent transition in the mid-Norwegian margin: Insight from seismic data and an onshore Caledonian field analogue. Geology, 2015, 43, 1011-1014.	2.0	55

#	ARTICLE	IF	CITATIONS
19	Circum-Arctic mantle structure and long-wavelength topography since the Jurassic. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 7889-7908.	1.4	31
20	Geological, tomographic, kinematic and geodynamic constraints on the dynamics of sinking slabs. <i>Journal of Geodynamics</i> , 2014, 73, 1-13.	0.7	93
21	The tectonic evolution of the Arctic since Pangea breakup: Integrating constraints from surface geology and geophysics with mantle structure. <i>Earth-Science Reviews</i> , 2013, 124, 148-183.	4.0	153
22	Dynamic topography and anomalously negative residual depth of the Argentine Basin. <i>Gondwana Research</i> , 2012, 22, 658-663.	3.0	22
23	Global continental and ocean basin reconstructions since 200Ma. <i>Earth-Science Reviews</i> , 2012, 113, 212-270.	4.0	1,459
24	Miocene drainage reversal of the Amazon River driven by plate-mantle interaction. <i>Nature Geoscience</i> , 2010, 3, 870-875.	5.4	160
25	The role of multiple pheromones in food recruitment by ants. <i>Journal of Experimental Biology</i> , 2009, 212, 2337-2348.	0.8	65