

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High temperature hydrothermal alteration and amphibole formation in Gakkel Ridge abyssal peridotites. <i>Lithos</i> , 2021, 392-393, 106107.	1.4	3
2	Oceanic transform fault seismicity and slip mode influenced by seawater infiltration. <i>Nature Geoscience</i> , 2021, 14, 606-611.	12.9	26
3	Fracture-mediated deep seawater flow and mantle hydration on oceanic transform faults. <i>Earth and Planetary Science Letters</i> , 2020, 532, 115988.	4.4	46
4	Slabification: Mechanisms controlling subduction development and viscous coupling. <i>Earth-Science Reviews</i> , 2020, 208, 103259.	9.1	42
5	Deformation mechanisms in mafic amphibolites and granulites: record from the Semail metamorphic sole during subduction infancy. <i>Solid Earth</i> , 2019, 10, 1733-1755.	2.8	22
6	Transfer of subduction fluids into the deforming mantle wedge during nascent subduction: Evidence from trace elements and boron isotopes (Semail ophiolite, Oman). <i>Earth and Planetary Science Letters</i> , 2018, 484, 213-228.	4.4	51
7	Mantle Wedge (De)formation During Subduction Infancy: Evidence from the Base of the Semail Ophiolitic Mantle. <i>Journal of Petrology</i> , 2018, 59, 2061-2092.	2.8	26
8	Fluid-Assisted Deformation and Strain Localization in the Cooling Mantle Wedge of a Young Subduction Zone (Semail Ophiolite). <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 7529-7549.	3.4	17
9	The origin of contractional structures in extensional gneiss domes. <i>Geology</i> , 2017, 45, 263-266.	4.4	44
10	The origin of contractional structures in extensional gneiss domes: REPLY. <i>Geology</i> , 2017, 45, e416-e416.	4.4	1
11	Water pumping in mantle shear zones. <i>Nature Communications</i> , 2017, 8, 15736.	12.8	54
12	Plate interface rheological switches during subduction infancy: Control on slab penetration and metamorphic sole formation. <i>Earth and Planetary Science Letters</i> , 2016, 451, 208-220.	4.4	130
13	Tectonic significance of serpentinites. <i>Tectonophysics</i> , 2015, 646, 1-19.	2.2	174
14	Quantifying rates of landscape evolution and tectonic processes by thermochronology and numerical modeling of crustal heat transport using PECUBE. <i>Tectonophysics</i> , 2012, 524-525, 1-28.	2.2	166