

CÃ©cile Prigent

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7980936/publications.pdf>

Version: 2024-02-01

14
papers

803
citations

758635

12
h-index

1125271

13
g-index

18
all docs

18
docs citations

18
times ranked

1128
citing authors

#	ARTICLE	IF	CITATIONS
1	Tectonic significance of serpentinites. <i>Tectonophysics</i> , 2015, 646, 1-19.	0.9	174
2	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.	0.9	166
3	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.	1.8	130
4	Water pumping in mantle shear zones. <i>Nature Communications</i> , 2017, 8, 15736.	5.8	54
5	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.	1.8	51
6	Fracture-mediated deep seawater flow and mantle hydration on oceanic transform faults. <i>Earth and Planetary Science Letters</i> , 2020, 532, 115988.	1.8	46
7	The origin of contractional structures in extensional gneiss domes. <i>Geology</i> , 2017, 45, 263-266.	2.0	44
8	Slabification: Mechanisms controlling subduction development and viscous coupling. <i>Earth-Science Reviews</i> , 2020, 208, 103259.	4.0	42
9	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.	1.1	26
10	Oceanic transform fault seismicity and slip mode influenced by seawater infiltration. <i>Nature Geoscience</i> , 2021, 14, 606-611.	5.4	26
11	Deformation mechanisms in mafic amphibolites and granulites: record from the Semail metamorphic sole during subduction infancy. <i>Solid Earth</i> , 2019, 10, 1733-1755.	1.2	22
12	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.	1.4	17
13	High temperature hydrothermal alteration and amphibole formation in Gakkel Ridge abyssal peridotites. <i>Lithos</i> , 2021, 392-393, 106107.	0.6	3
14	The origin of contractional structures in extensional gneiss domes: REPLY. <i>Geology</i> , 2017, 45, e416-e416.	2.0	1