

Mathieu Soret

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

572
citations

567281
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22
all docs

22
docs citations

22
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissolution precipitation creep as a process for the strain localisation in mafic rocks. Journal of Structural Geology, 2022, 155, 104505.	2.3	18
2	Timescales of subduction initiation and evolution of subduction thermal regimes. Earth and Planetary Science Letters, 2022, 584, 117521.	4.4	19
3	How Himalayan collision stems from subduction. Geology, 2021, 49, 894-898.	4.4	26
4	Long-term evolution of a plume-induced subduction in the Neotethys realm. Earth and Planetary Science Letters, 2021, 561, 116798.	4.4	22
5	The P-T-t-D evolution of the Mahabharat, east-central Nepal: The out-of-sequence development of the Himalaya. Geoscience Frontiers, 2020, , 101057-101057.	8.4	5
6	Slabitzation: Mechanisms controlling subduction development and viscous coupling. Earth-Science Reviews, 2020, 208, 103259.	9.1	42
7	The effect of hydrous mineral content on competitive strain localization mechanisms in felsic granulites. Journal of Structural Geology, 2020, 134, 104015.	2.3	11
8	Deformation mechanisms in mafic amphibolites and granulites: record from the Semail metamorphic sole during subduction infancy. Solid Earth, 2019, 10, 1733-1755.	2.8	22
9	Early subduction dynamics recorded by the metamorphic sole of the Mt. Albert ophiolitic complex (Gaspé, Quebec). Lithos, 2019, 334-335, 161-179.	1.4	19
10	Thermodynamic modelling of phosphate minerals and its implications for the development of P-T-t histories: A case study in garnet - monazite bearing metapelites. Lithos, 2019, 334-335, 141-160.	1.4	25
11	Mesozoic to Cenozoic tectono-metamorphic history of the South Pamir-Hindu Kush (Chitral, Tj ETQq1 1 0.784314 rgBT /Overlock petrochronology. Journal of Metamorphic Geology, 2019, 37, 633-666.	3.4	17
12	Timing of metamorphism and deformation in the Swat valley, northern Pakistan: Insight into garnet-monazite HREE partitioning. Geoscience Frontiers, 2019, 10, 849-861.	8.4	19
13	Transfer of subduction fluids into the deforming mantle wedge during nascent subduction: Evidence from trace elements and boron isotopes (Semail ophiolite, Oman). Earth and Planetary Science Letters, 2018, 484, 213-228.	4.4	51
14	Petrological evidence for stepwise accretion of metamorphic soles during subduction infancy (Semail) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.4	81
15	Metamorphic sole formation, emplacement and blueschist facies overprint: early subduction dynamics witnessed by western Turkey ophiolites. Terra Nova, 2016, 28, 329-339.	2.1	37
16	Plate interface rheological switches during subduction infancy: Control on slab penetration and metamorphic sole formation. Earth and Planetary Science Letters, 2016, 451, 208-220.	4.4	130
17	Strain localization and fluid infiltration in the mantle wedge during subduction initiation: Evidence from the base of the New Caledonia ophiolite. Lithos, 2016, 244, 1-19.	1.4	27