

# Mathieu Soret

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

572  
citations

566801

15  
h-index

887659

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

548  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Petrological evidence for stepwise accretion of metamorphic soles during subduction infancy (Semail) Tj ETQq0 0 0 rgBT /Overlock 10 Tr	1.6	81
3	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
4	Slab-tization: Mechanisms controlling subduction development and viscous coupling. <i>Earth-Science Reviews</i> , 2020, 208, 103259.	4.0	42
5	Metamorphic sole formation, emplacement and blueschist facies overprint: early subduction dynamics witnessed by western Turkey ophiolites. <i>Terra Nova</i> , 2016, 28, 329-339.	0.9	37
6	Strain localization and fluid infiltration in the mantle wedge during subduction initiation: Evidence from the base of the New Caledonia ophiolite. <i>Lithos</i> , 2016, 244, 1-19.	0.6	27
7	How Himalayan collision stems from subduction. <i>Geology</i> , 2021, 49, 894-898.	2.0	26
8	Thermodynamic modelling of phosphate minerals and its implications for the development of P-T-t histories: A case study in garnet - monazite bearing metapelites. <i>Lithos</i> , 2019, 334-335, 141-160.	0.6	25
9	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
10	Long-term evolution of a plume-induced subduction in the Neotethys realm. <i>Earth and Planetary Science Letters</i> , 2021, 561, 116798.	1.8	22
11	Early subduction dynamics recorded by the metamorphic sole of the Mt. Albert ophiolitic complex (Gasp�, Quebec). <i>Lithos</i> , 2019, 334-335, 161-179.	0.6	19
12	Timing of metamorphism and deformation in the Swat valley, northern Pakistan: Insight into garnet-monazite HREE partitioning. <i>Geoscience Frontiers</i> , 2019, 10, 849-861.	4.3	19
13	Timescales of subduction initiation and evolution of subduction thermal regimes. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117521.	1.8	19
14	Dissolution precipitation creep as a process for the strain localisation in mafic rocks. <i>Journal of Structural Geology</i> , 2022, 155, 104505.	1.0	18
15	Mesozoic to Cenozoic tectono�metamorphic history of the South Pamir�Hindu Kush (Chitral,) Tj ETQq1 1 0.784314 rgBT /Overlock petrochronology. <i>Journal of Metamorphic Geology</i> , 2019, 37, 633-666.	1.6	17
16	The effect of hydrous mineral content on competitive strain localization mechanisms in felsic granulites. <i>Journal of Structural Geology</i> , 2020, 134, 104015.	1.0	11
17	The P-T-t-D evolution of the Mahabharat, east-central Nepal: The out-of-sequence development of the Himalaya. <i>Geoscience Frontiers</i> , 2020, , 101057-101057.	4.3	5