

Alexis Plunder

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,046
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567281

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times ranked

907
citing authors

#	ARTICLE	IF	CITATIONS
1	The subduction plate interface: rock record and mechanical coupling (from long to short) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.4	179
2	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
3	Tectonic evolution and paleogeography of the KÄ±rÅŸehir Block and the Central Anatolian Ophiolites, Turkey. Tectonics, 2016, 35, 983-1014.	2.8	97
4	Petrological evidence for stepwise accretion of metamorphic soles during subduction infancy (Semail) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.4	81
5	Accretion, underplating and exhumation along a subduction interface: From subduction initiation to continental subduction (TavÅŸanlÄ± zone, W. Turkey). Lithos, 2015, 226, 233-254.	1.4	80
6	How continuous and precise is the record of <i>Pâ€“T</i> paths? Insights from combined thermobarometry and thermodynamic modelling into subduction dynamics (Schistes LustrÃ©s, W. Alps). Journal of Metamorphic Geology, 2012, 30, 323-346.	3.4	66
7	Insights on deep, accretionary subduction processes from the Sistan ophiolitic â€œmÃ©langeâ€œ (Eastern) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.4	62
8	Geodynamics of the TavÅŸanlÄ± zone, western Turkey: Insights into subduction/obduction processes. Tectonophysics, 2013, 608, 884-903.	2.2	60
9	A record of plume-induced plate rotation triggering subduction initiation. Nature Geoscience, 2021, 14, 626-630.	12.9	50
10	Applicability of the RSCM geothermometry approach in a complex tectono-metamorphic context: The Jebilet massif case study (Variscan Belt, Morocco). Lithos, 2016, 256-257, 1-12.	1.4	38
11	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
12	Multistage growth of Feâ€“Mgâ€“carpholite and Feâ€“Mgâ€“chloritoid, from field evidence to thermodynamic modelling. Contributions To Mineralogy and Petrology, 2014, 168, 1.	3.1	29
13	History of Subduction Polarity Reversal During Arcâ€“Continent Collision: Constraints From the Andaman Ophiolite and its Metamorphic Sole. Tectonics, 2020, 39, e2019TC005762.	2.8	29
14	The effect of obliquity on temperature in subduction zones: insights from 3-D numerical modeling. Solid Earth, 2018, 9, 759-776.	2.8	26
15	A long-lived Late Cretaceousâ€“early Eocene extensional province in Anatolia? Structural evidence from the Ivriiz Detachment, southern central Turkey. Earth and Planetary Science Letters, 2018, 481, 111-124.	4.4	18
16	Subducted fragments of the Liguro-Piemont ocean, Western Alps: Spatial correlations and offscraping mechanisms during subduction. Tectonophysics, 2022, 827, 229267.	2.2	14
17	Massive formation of lawsonite in subducted sediments from the Schistes LustrÃ©s (W. Alps): Implications for mass transfer and decarbonation in cold subduction zones. Lithos, 2020, 370-371, 105629.	1.4	13
18	Controls on Trace Element Distribution in Oxides and Silicates. Journal of Petrology, 2018, 59, 233-256.	2.8	10

#	ARTICLE	IF	CITATIONS
19	Successive shifts of the India-Africa transform plate boundary during the Late Cretaceous-Paleogene interval: Implications for ophiolite emplacement along transforms. <i>Journal of Asian Earth Sciences</i> , 2020, 191, 104225.	2.3	9
20	Paleogeography of the West Burma Block and the eastern Neotethys Ocean: Constraints from Cenozoic sediments shed onto the Andaman-Nicobar ophiolites. <i>Gondwana Research</i> , 2022, 103, 335-361.	6.0	6
21	Retrieving past geodynamic events by unlocking rock archives with μ -XRF and μ -spectroscopy. <i>Journal of Physics: Conference Series</i> , 2014, 499, 012012.	0.4	4
22	Geochemical and geochronological record of the Andaman Ophiolite, SE Asia: From back-arc to forearc during subduction polarity reversal?. <i>Lithos</i> , 2021, 380-381, 105853.	1.4	4
23	Andaman Ophiolite: An Overview. <i>Society of Earth Scientists Series</i> , 2020, , 1-17.	0.3	3