

Romain Tilhac

List of Publications by Year in descending order

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17
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1040056

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17
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	Primitive Arc Magmatism and Delamination: Petrology and Geochemistry of Pyroxenites from the Cabo Ortegal Complex, Spain. <i>Journal of Petrology</i> , 2016, 57, 1921-1954.	2.8	46
2	Aragonite-Calcite Speleothems: Identifying Original and Diagenetic Features. <i>Journal of Sedimentary Research</i> , 2014, 84, 245-269.	1.6	44
3	Sources and timing of pyroxenite formation in the sub-arc mantle: Case study of the Cabo Ortegal Complex, Spain. <i>Earth and Planetary Science Letters</i> , 2017, 474, 490-502.	4.4	25
4	Deformation of mantle pyroxenites provides clues to geodynamic processes in subduction zones: Case study of the Cabo Ortegal Complex, Spain. <i>Earth and Planetary Science Letters</i> , 2017, 472, 174-185.	4.4	24
5	Late Cretaceous subduction-related magmatism on the southern edge of Sabzevar basin, NE Iran. <i>Journal of the Geological Society</i> , 2019, 176, 530-552.	2.1	23
6	Tracking Deep Lithospheric Events with Garnet-Websterite Xenoliths from Southeastern Australia. <i>Journal of Petrology</i> , 2018, 59, 901-930.	2.8	16
7	Prolonged magmatism and growth of the Iran-Anatolia Cadomian continental arc segment in Northern Gondwana. <i>Lithos</i> , 2021, 384-385, 105940.	1.4	15
8	Lithospheric memory of subduction in mantle pyroxenite xenoliths from rift-related basalts. <i>Earth and Planetary Science Letters</i> , 2020, 544, 116365.	4.4	12
9	A Disequilibrium Reactive Transport Model for Mantle Magmatism. <i>Journal of Petrology</i> , 2021, 61, .	2.8	12
10	Reworking of old continental lithosphere: Unradiogenic Os and decoupled Hf Nd isotopes in sub-arc mantle pyroxenites. <i>Lithos</i> , 2020, 354-355, 105346.	1.4	9
11	Regional-scale polydiapirism predating the Neoproterozoic Yilgarn Orogeny. <i>Tectonophysics</i> , 2020, 779, 228375.	2.2	6
12	Optimizing subsampling strategies for U/Th dating and geochemical proxies in carbonate speleothems. <i>Sedimentary Geology</i> , 2019, 389, 91-102.	2.1	5
13	Systematic LREE enrichment of mantle harzburgites: The petrogenesis of San Carlos xenoliths revisited. <i>Lithos</i> , 2021, 396-397, 106195.	1.4	4
14	Derivation of Hawaiian rejuvenated magmas from deep carbonated mantle sources: A review of experimental and natural constraints. <i>Earth-Science Reviews</i> , 2021, 222, 103819.	9.1	4
15	Fluid circulation and deformational gradient in north-Pyrenean flyschs: Example from the Saint-Jean-de-Luz basin (France). <i>Tectonophysics</i> , 2013, 608, 832-846.	2.2	3
16	The microstructure of layered ultramafic cumulates: Case study of the Bear Creek intrusion, Trinity ophiolite, California, USA. <i>Lithos</i> , 2021, 388-389, 106047.	1.4	3
17	Geodynamic evolution of the Tethyan lithosphere as recorded in the Spontang Ophiolite, South Ladakh ophiolites (NW Himalaya, India). <i>Geoscience Frontiers</i> , 2022, 13, 101297.	8.4	2