

Matthieu Harlaux

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

378
citations

933447

10
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracing metal sources in peribatholithic hydrothermal W deposits based on the chemical composition of wolframite: The example of the Variscan French Massif Central. <i>Chemical Geology</i> , 2018, 479, 58-85.	3.3	59
2	40 Ma of hydrothermal W mineralization during the Variscan orogenic evolution of the French Massif Central revealed by U-Pb dating of wolframite. <i>Mineralium Deposita</i> , 2018, 53, 21-51.	4.1	57
3	Tourmaline as a Tracer of Late-Magmatic to Hydrothermal Fluid Evolution: The World-Class San Rafael Tin (-Copper) Deposit, Peru. <i>Economic Geology</i> , 2020, 115, 1665-1697.	3.8	43
4	Geochemical Signature of Magmatic-Hydrothermal Fluids Exsolved from the Beauvoir Rare-Metal Granite (Massif Central, France): Insights from LA-ICPMS Analysis of Primary Fluid Inclusions. <i>Geofluids</i> , 2017, 2017, 1-25.	0.7	38
5	The world-class Nanling metallogenic belt (Jiangxi, China): W and Sn deposition at 160 Ma followed by 30 My. of hydrothermal metal redistribution. <i>Ore Geology Reviews</i> , 2020, 117, 103302.	2.7	31
6	Origin of the atypical Puy-les-Vignes W breccia pipe (Massif Central, France) constrained by trace element and boron isotopic composition of tourmaline. <i>Ore Geology Reviews</i> , 2019, 114, 103132.	2.7	26
7	Raman spectra of Ni-Mg kerolite: effect of Ni-Mg substitution on O-H stretching vibrations. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 933-940.	2.5	24
8	Fluid mixing as primary trigger for cassiterite deposition: Evidence from in situ $\delta^{18}O$ - $\delta^{11}B$ analysis of tourmaline from the world-class San Rafael tin (-copper) deposit, Peru. <i>Earth and Planetary Science Letters</i> , 2021, 563, 116889.	4.4	23
9	Nb-Ti-Y-HREE-W-U Oxide Minerals With Uncommon Compositions Associated With the Tungsten Mineralization In the Puy-Les-Vignes Deposit (Massif Central, France): Evidence For Rare-Metal Mobilization By Late Hydrothermal Fluids With A Peralkaline Signature. <i>Canadian Mineralogist</i> , 2015, 53, 653-672.	1.0	16
10	U/Pb geochronology of wolframite by LA-ICP-MS; mineralogical constraints, analytical procedures, data interpretation, and comparison with ID-TIMS. <i>Chemical Geology</i> , 2021, 584, 120511.	3.3	12
11	Multistage development of a hydrothermal W deposit during the Variscan late-orogenic evolution: the Puy-les-Vignes breccia pipe (Massif Central, France). <i>Bulletin - Societe Geologique De France</i> , 2021, 192, 33.	2.2	10
12	Capabilities of sequential and quasi-simultaneous LA-ICPMS for the multi-element analysis of small quantity of liquids (pl to nl): insights from fluid inclusion analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1945-1969.	3.0	9
13	Development and Re-Evaluation of Tourmaline Reference Materials for In Situ Measurement of Boron $\delta^{11}B$ Values by Secondary Ion Mass Spectrometry. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 593-615.	3.1	8
14	Alluvial record of an early Eocene hyperthermal within the Castissent Formation, the Pyrenees, Spain. <i>Climate of the Past</i> , 2020, 16, 227-243.	3.4	7
15	Insights into B-Mg-Metasomatism at the Ranger U Deposit (NT, Australia) and Comparison with Canadian Unconformity-Related U Deposits. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 432.	2.0	6
16	The upper Oligocene San Rafael intrusive complex (Eastern Cordillera, southeast Peru), host of the largest-known high-grade tin deposit. <i>Lithos</i> , 2021, 400-401, 106409.	1.4	6