

# Romain Lafay

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/619990/publications.pdf>

Version: 2024-02-01

15  
papers

700  
citations

840776

11  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure-temperature estimates of the lizardite/antigorite transition in high pressure serpentinites. <i>Lithos</i> , 2013, 178, 197-210.	1.4	238
2	High-pressure serpentinites, a trap-and-release system controlled by metamorphic conditions: Example from the Piedmont zone of the western Alps. <i>Chemical Geology</i> , 2013, 343, 38-54.	3.3	83
3	Mineral replacement rate of olivine by chrysotile and brucite under high alkaline conditions. <i>Journal of Crystal Growth</i> , 2012, 347, 62-72.	1.5	81
4	Simultaneous precipitation of magnesite and lizardite from hydrothermal alteration of olivine under high-carbonate alkalinity. <i>Chemical Geology</i> , 2014, 368, 63-75.	3.3	67
5	Trace element behavior during serpentinization/de-serpentinization of an eclogitized oceanic lithosphere: A LA-ICPMS study of the Lanzo ultramafic massif (Western Alps). <i>Chemical Geology</i> , 2013, 357, 117-133.	3.3	59
6	Petrologic and stable isotopic studies of a fossil hydrothermal system in ultramafic environment (Chenaillet ophicalcites, Western Alps, France): Processes of carbonate cementation. <i>Lithos</i> , 2017, 294-295, 319-338.	1.4	39
7	Ultramafic Rock Carbonation: Constraints From Listvenite Core BT1B, Oman Drilling Project. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019060.	3.4	34
8	Experimental Assessment of CO <sub>2</sub> -Mineral-Toxic Ion Interactions in a Simplified Freshwater Aquifer: Implications for CO <sub>2</sub> Leakage from Deep Geological Storage. <i>Environmental Science &amp; Technology</i> , 2013, 47, 6247-6253.	10.0	28
9	Nucleation and Growth of Chrysotile Nanotubes in H <sub>2</sub> /SiO <sub>3</sub> /MgCl <sub>2</sub> /NaOH Medium at 90 to 300°C. <i>Chemistry - A European Journal</i> , 2013, 19, 5417-5424.	3.3	20
10	Geochemical Profiles Across the Listvenite Metamorphic Transition in the Basal Megathrust of the Semail Ophiolite: Results From Drilling at OmanDP Hole BT1B. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022733.	3.4	13
11	Listvenite Formation During Mass Transfer into the Leading Edge of the Mantle Wedge: Initial Results from Oman Drilling Project Hole BT1B. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	11
12	Oxygen isotope disequilibrium during serpentinite dehydration. <i>Terra Nova</i> , 2019, 31, 94-101.	2.1	10
13	Influence of trace elements on the textural properties of synthetic chrysotile: Complementary insights from macroscopic and nanoscopic measurements. <i>Microporous and Mesoporous Materials</i> , 2014, 183, 81-90.	4.4	8
14	Protracted hydrothermal alteration recorded at the microscale in the Chenaillet ophicarbonates (Western Alps): Insights from in situ <sup>18</sup> O thermometry in serpentine, carbonate and magnetite. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 318, 144-164.	3.9	3
15	New constraints on carbonation associated with brecciation in hyperextended margins (example of) Tj ETQq1 1 0.784314 rgBT /Overl	2.1	2