Hector M Lamadrid

List of Publications by Year
in descending order

13	324	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	393
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of water activity on rates of serpentinization of olivine. Nature Communications, 2017, 8, 16107.	12.8	83
2	Reassessment of the Raman CO 2 densimeter. Chemical Geology, 2017, 450, 210-222.	3.3	66
3	Detection of liquid H₂O in vapor bubbles in reheated melt inclusions: Implications for magmatic fluid composition and volatile budgets of magmas?. American Mineralogist, 2016, 101, 1691-1695.	1.9	32
4	Reconstructing Magma Storage Depths for the 2018 KÄ±Ì„lauean Eruption From Melt Inclusion CO₂ Contents: The Importance of Vapor Bubbles. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009364.	2.5	31
5	The Alichur Dome, South Pamir, Western Indiaâ€“Asia Collisional Zone: Detailing the Neogene Shakhdaraâ€“Alichur Synâ€collisional Gneissâ€Dome Complex and Connection to Lithospheric Processes. Tectonics, 2020, 39, e2019TC005735.	2.8	27
6	Shift in the Raman symmetric stretching band of N₂, CO₂, and CH₄ as a function of temperature, pressure, and density. Journal of Raman Spectroscopy, 2020, 51, 555-568.	2.5	19
7	Relationship between Raman spectral features and fugacity in mixtures of gases. Journal of Raman Spectroscopy, 2018, 49, 581-593.	2.5	17
8	Synthetic fluid inclusions XXIII. Effect of temperature and fluid composition on rates of serpentinization of olivine. Geochimica Et Cosmochimica Acta, 2021, 292, 285-308.	3.9	16
9	Raman spectral behavior of N₂, CO₂, and CH₄ in N₂â€“CO₂â€“CH₄ gas mixtures from 22Â°C to 200Â°C and 10 to 500 bars with application to other gas mixtures. Journal of Raman Spectroscopy, 2021, 52, 750-769.	2.5	10
10	Fluid capture during exhumation of subducted lithologies: A fluid inclusion study from Sifnos, Greece. Lithos, 2019, 332-333, 120-134.	1.4	9
11	Synthetic Fluid Inclusions XXIV. In situ Monitoring of the Carbonation of Olivine Under Conditions Relevant to Carbon Capture and Storage Using Synthetic Fluid Inclusion Micro-Reactors: Determination of Reaction Rates. Frontiers in Climate, 2021, 3, .	2.8	8
12	Crustal melting: Deep, hot, and salty. American Mineralogist, 2021, 106, 1193-1194.	1.9	3
13	DepÃ³sitos de Pb-Zn-Cu-Ba-F-Sr epigenÃ©ticos estratoligados en series sedimentarias en relaciÃ³n con salmueras de cuenca: depÃ³sitos de tipo â€œMississippi Valleyâ€•(MVT) y similares en MÃ©xico. Boletin De La Sociedad Geologica Mexicana, 2006, 58, 103-139.	0.3	2