

# Hector M Lamadrid

## List of Publications by Year in descending order

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13  
papers

324  
citations

1040056

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1125743

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docs citations

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times ranked

393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic fluid inclusions XXIII. Effect of temperature and fluid composition on rates of serpentinization of olivine. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 292, 285-308.	3.9	16
2	Reconstructing Magma Storage Depths for the 2018 K��lauean Eruption From Melt Inclusion CO <sub>2</sub> Contents: The Importance of Vapor Bubbles. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009364.	2.5	31
3	Raman spectral behavior of N <sub>2</sub> , CO <sub>2</sub> , and CH <sub>4</sub> in N <sub>2</sub> -CO <sub>2</sub> -CH <sub>4</sub> gas mixtures from 22��C to 200��C and 10 to 500 bars. with application to other gas mixtures. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 750-769.		10
4	Crustal melting: Deep, hot, and salty. <i>American Mineralogist</i> , 2021, 106, 1193-1194.	1.9	3
5	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. <i>Frontiers in Climate</i> , 2021, 3, .	2.8	8
6	The Alichur Dome, South Pamir, Western India��Asia Collisional Zone: Detailing the Neogene Shakhdara��Alichur Syn��collisional Gneiss��Dome Complex and Connection to Lithospheric Processes. <i>Tectonics</i> , 2020, 39, e2019TC005735.	2.8	27
7	Shift in the Raman symmetric stretching band of N <sub>2</sub> , CO <sub>2</sub> , and CH <sub>4</sub> as a function of temperature, pressure, and density. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 555-568.	2.5	19
8	Fluid capture during exhumation of subducted lithologies: A fluid inclusion study from Sifnos, Greece. <i>Lithos</i> , 2019, 332-333, 120-134.	1.4	9
9	Relationship between Raman spectral features and fugacity in mixtures of gases. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 581-593.	2.5	17
10	Reassessment of the Raman CO <sub>2</sub> densimeter. <i>Chemical Geology</i> , 2017, 450, 210-222.	3.3	66
11	Effect of water activity on rates of serpentinization of olivine. <i>Nature Communications</i> , 2017, 8, 16107.	12.8	83
12	Detection of liquid H <sub>2</sub> O in vapor bubbles in reheated melt inclusions: Implications for magmatic fluid composition and volatile budgets of magmas?. <i>American Mineralogist</i> , 2016, 101, 1691-1695.	1.9	32
13	Dep��sitos de Pb-Zn-Cu-Ba-F-Sr epigen��ticos estratoligados en series sedimentarias en relaci��n con salmueras de cuenca: dep��sitos de tipo ��Mississippi Valley�� (MVT) y similares en M��xico. <i>Bolet��n De La Sociedad Geologica Mexicana</i> , 2006, 58, 103-139.	0.3	2