

# Valerie Malavergne

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4491834/publications.pdf>

Version: 2024-02-01

8  
papers

349  
citations

1307594

7  
h-index

1720034

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g-index

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all docs

8  
docs citations

8  
times ranked

543  
citing authors

#	ARTICLE	IF	CITATIONS
1	A speciation model linking the fate of carbon and hydrogen during core " magma ocean equilibration. Earth and Planetary Science Letters, 2022, 577, 117266.	4.4	8
2	Aqueous alteration and bioalteration of a synthetic enstatite chondrite. Meteoritics and Planetary Science, 2021, 56, 601-618.	1.6	0
3	Experimental constraints on the fate of H and C during planetary core-mantle differentiation. Implications for the Earth. Icarus, 2019, 321, 473-485.	2.5	35
4	How Mercury can be the most reduced terrestrial planet and still store iron in its mantle. Earth and Planetary Science Letters, 2014, 394, 186-197.	4.4	54
5	Raman spectroscopic properties and Raman identification of CaMgMnFeCr <sub>2</sub> FeS <sub>4</sub> sulfides in meteorites and reduced sulfur-rich systems. Meteoritics and Planetary Science, 2013, 48, 1415-1426.	1.6	68
6	Highly reducing conditions during core formation on Mercury: Implications for internal structure and the origin of a magnetic field. Icarus, 2010, 206, 199-209.	2.5	99
7	New high-pressure and high-temperature metal/silicate partitioning of U and Pb: Implications for the cores of the Earth and Mars. Geochimica Et Cosmochimica Acta, 2007, 71, 2637-2655.	3.9	63
8	The behaviour of sulphur in metal-silicate core segregation experiments under reducing conditions. Physics of the Earth and Planetary Interiors, 2004, 143-144, 433-443.	1.9	22