

Valerie Malavergne

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

349
citations

1307594
7
h-index

1720034
7
g-index

8
all docs

8
docs citations

8
times ranked

543
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly reducing conditions during core formation on Mercury: Implications for internal structure and the origin of a magnetic field. <i>Icarus</i> , 2010, 206, 199-209.	2.5	99
2	Raman spectroscopic properties and Raman identification of CaSâ€MgSâ€MnSâ€FeSâ€Cr₂FeS₄ sulfides in meteorites and reduced sulfurâ€rich systems. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1415-1426.	1.6	68
3	New high-pressure and high-temperature metal/silicate partitioning of U and Pb: Implications for the cores of the Earth and Mars. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2637-2655.	3.9	63
4	How Mercury can be the most reduced terrestrial planet and still store iron in its mantle. <i>Earth and Planetary Science Letters</i> , 2014, 394, 186-197.	4.4	54
5	Experimental constraints on the fate of H and C during planetary core-mantle differentiation. Implications for the Earth. <i>Icarus</i> , 2019, 321, 473-485.	2.5	35
6	The behaviour of sulphur in metalâ€silicate core segregation experiments under reducing conditions. <i>Physics of the Earth and Planetary Interiors</i> , 2004, 143-144, 433-443.	1.9	22
7	A speciation model linking the fate of carbon and hydrogen during core â€ magma ocean equilibration. <i>Earth and Planetary Science Letters</i> , 2022, 577, 117266.	4.4	8
8	Aqueous alteration and bioalteration of a synthetic enstatite chondrite. <i>Meteoritics and Planetary Science</i> , 2021, 56, 601-618.	1.6	0