

ValÃ©ry Lainey

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

608
citations

1307594

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1588992

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g-index

8
all docs

8
docs citations

8
times ranked

776
citing authors

#	ARTICLE	IF	CITATIONS
1	A Recipe for the Geophysical Exploration of Enceladus. Planetary Science Journal, 2021, 2, 157.	3.6	14
2	Resonance locking in giant planets indicated by the rapid orbital expansion of Titan. Nature Astronomy, 2020, 4, 1053-1058.	10.1	87
3	Strong tidal energy dissipation in Saturn at Titan's frequency as an explanation for Iapetus orbit. Astronomy and Astrophysics, 2018, 619, A133.	5.1	9
4	New constraints on Saturn's interior from Cassini astrometric data. Icarus, 2017, 281, 286-296.	2.5	137
5	Quantification of tidal parameters from Solar System data. Celestial Mechanics and Dynamical Astronomy, 2016, 126, 145-156.	1.4	74
6	STRONG TIDAL DISSIPATION IN SATURN AND CONSTRAINTS ON ENCELADUS' THERMAL STATE FROM ASTROMETRY. Astrophysical Journal, 2012, 752, 14.	4.5	163
7	Accretion of Saturn's mid-sized moons during the viscous spreading of young massive rings: Solving the paradox of silicate-poor rings versus silicate-rich moons. Icarus, 2011, 216, 535-550.	2.5	123