

Julien Salmon

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

700
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Icarus</i> , 2011, 216, 535-550.	2.5	123
2	The recent formation of Saturn's moonlets from viscous spreading of the main rings. <i>Nature</i> , 2010, 465, 752-754.	27.8	114
3	Did Saturn's rings form during the Late Heavy Bombardment?. <i>Icarus</i> , 2009, 199, 413-428.	2.5	107
4	Lunar volatile depletion due to incomplete accretion within an impact-generated disk. <i>Nature Geoscience</i> , 2015, 8, 918-921.	12.9	84
5	LUNAR ACCRETION FROM A ROCHE-INTERIOR FLUID DISK. <i>Astrophysical Journal</i> , 2012, 760, 83.	4.5	79
6	In-flight calibration of the Cassini imaging science sub-system cameras. <i>Planetary and Space Science</i> , 2010, 58, 1475-1488.	1.7	60
7	Origin of Phobos and Deimos by the impact of a Vesta-to-Ceres sized body with Mars. <i>Science Advances</i> , 2018, 4, eaar6887.	10.3	49
8	MIGRATION OF A MOONLET IN A RING OF SOLID PARTICLES: THEORY AND APPLICATION TO SATURN'S PROPELLERS. <i>Astronomical Journal</i> , 2010, 140, 944-953.	4.7	44
9	Size and Shape Constraints of (486958) Arrokoth from Stellar Occultations. <i>Astronomical Journal</i> , 2020, 159, 130.	4.7	25
10	Size and Shape of (11351) Leucus from Five Occultations. <i>Planetary Science Journal</i> , 2021, 2, 202.	3.6	7
11	Co-accretion + Giant Impact Origin of the Uranus System: Post-impact Evolution. <i>Astrophysical Journal</i> , 2022, 924, 6.	4.5	7
12	HydroSyMBA: A 1D Hydrocode Coupled with an N-body Symplectic Integrator. <i>Astrophysical Journal</i> , 2019, 881, 129.	4.5	1