

# Daniele Durante

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,434  
citations

516561

16  
h-index

552653

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1066  
citing authors

#	ARTICLE	IF	CITATIONS
1	Jupiter's inhomogeneous envelope. <i>Astronomy and Astrophysics</i> , 2022, 662, A18.	2.1	31
2	Determination of Jupiter's Mass from Juno Radio Tracking Data. <i>Journal of Guidance, Control, and Dynamics</i> , 2021, 44, 1062-1067.	1.6	3
3	Morphology of the Io Plasma Torus From Juno Radio Occultations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029190.	0.8	8
4	The depth of Jupiter's Great Red Spot constrained by Juno gravity overflights. <i>Science</i> , 2021, 374, 964-968.	6.0	18
5	The Determination of the Rotational State and Interior Structure of Venus with VERITAS. <i>Planetary Science Journal</i> , 2021, 2, 220.	1.5	18
6	A small spacecraft to probe the interior of the Jovian moon Europa: Europa Tomography Probe (ETP) system design. <i>Acta Astronautica</i> , 2020, 166, 137-146.	1.7	0
7	Report on First Inflight Data of BepiColombo's Mercury Orbiter Radio Science Experiment. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020, 56, 4984-4988.	2.6	28
8	Ganymede's gravity, tides and rotational state from JUICE's 3GM experiment simulation. <i>Planetary and Space Science</i> , 2020, 187, 104902.	0.9	22
9	Jupiter's Gravity Field Halfway Through the Juno Mission. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086572.	1.5	79
10	New constraints on the location of P9 obtained with the INPOP19a planetary ephemeris. <i>Astronomy and Astrophysics</i> , 2020, 640, A6.	2.1	22
11	Analysis of Cassini radio tracking data for the construction of INPOP19a: A new estimate of the Kuiper belt mass. <i>Astronomy and Astrophysics</i> , 2020, 640, A7.	2.1	16
12	Possible Evidence of p-modes in Cassini Measurements of Saturn's Gravity Field. <i>Planetary Science Journal</i> , 2020, 1, 27.	1.5	8
13	Augmenting NASA Europa Clipper by a small probe: Europa Tomography Probe (ETP) mission concept. <i>Acta Astronautica</i> , 2019, 165, 211-218.	1.7	6
14	Effect of Juno's Solar Panel Bending on Gravity Measurements. <i>Journal of Guidance, Control, and Dynamics</i> , 2019, 42, 2694-2699.	1.6	4
15	A solution of Jupiter's gravitational field from Juno data with the orbit14 software. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 766-772.	1.6	12
16	On the determination of Jupiter's satellite-dependent Love numbers from Juno gravity data. <i>Planetary and Space Science</i> , 2019, 175, 34-40.	0.9	10
17	Determining the Depth of Jupiter's Great Red Spot with Juno: A Slepian Approach. <i>Astrophysical Journal Letters</i> , 2019, 874, L24.	3.0	13
18	Titan's gravity field and interior structure after Cassini. <i>Icarus</i> , 2019, 326, 123-132.	1.1	64

#	ARTICLE	IF	CITATIONS
19	Measurement and implications of Saturn's gravity field and ring mass. <i>Science</i> , 2019, 364, .	6.0	148
20	Saturn's Deep Atmospheric Flows Revealed by the Cassini Grand Finale Gravity Measurements. <i>Geophysical Research Letters</i> , 2019, 46, 616-624.	1.5	65
21	A suppression of differential rotation in Jupiter's deep interior. <i>Nature</i> , 2018, 555, 227-230.	13.7	165
22	Measurement of Jupiter's asymmetric gravity field. <i>Nature</i> , 2018, 555, 220-222.	13.7	177
23	Jupiter's atmospheric jet streams extend thousands of kilometres deep. <i>Nature</i> , 2018, 555, 223-226.	13.7	189
24	Estimating Jupiter's Gravity Field Using Juno Measurements, Trajectory Estimation Analysis, and a Flow Model Optimization. <i>Astronomical Journal</i> , 2017, 154, 2.	1.9	10
25	Jupiter's interior and deep atmosphere: The initial pole-to-pole passes with the Juno spacecraft. <i>Science</i> , 2017, 356, 821-825.	6.0	229
26	Jupiter gravity field estimated from the first two Juno orbits. <i>Geophysical Research Letters</i> , 2017, 44, 4694-4700.	1.5	74
27	The effect of Jupiter oscillations on Juno gravity measurements. <i>Icarus</i> , 2017, 282, 174-182.	1.1	15