

# Jon Josu Legarreta Etxagibel

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

651  
citations

567281

15  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

436  
citing authors

#	ARTICLE	IF	CITATIONS
1	Jupiter's Great Red Spot: Strong Interactions With Incoming Anticyclones in 2019. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006686.	3.6	12
2	Jupiter's third largest and longest-lived oval: Color changes and dynamics. <i>Icarus</i> , 2021, 361, 114394.	2.5	4
3	Observations and numerical modelling of a convective disturbance in a large-scale cyclone in Jupiter's South Temperate Belt. <i>Icarus</i> , 2020, 336, 113475.	2.5	15
4	A complex storm system in Saturn's north polar atmosphere in 2018. <i>Nature Astronomy</i> , 2020, 4, 180-187.	10.1	13
5	A planetary-scale disturbance in a long living three vortex coupled system in Saturn's atmosphere. <i>Icarus</i> , 2018, 302, 499-513.	2.5	14
6	The Planetary Virtual Observatory and Laboratory (PVOL) and its integration into the Virtual European Solar and Planetary Access (VESPA). <i>Planetary and Space Science</i> , 2018, 150, 22-35.	1.7	25
7	A planetary-scale disturbance in the most intense Jovian atmospheric jet from JunoCam and ground-based observations. <i>Geophysical Research Letters</i> , 2017, 44, 4679-4686.	4.0	35
8	A large active wave trapped in Jupiter's equator. <i>Astronomy and Astrophysics</i> , 2016, 586, A154.	5.1	9
9	Atmospheric dynamics of Saturn's 2010 giant storm. <i>Nature Geoscience</i> , 2013, 6, 525-529.	12.9	26
10	Colors of Jupiter's large anticyclones and the interaction of a Tropical Red Oval with the Great Red Spot in 2008. <i>Journal of Geophysical Research E: Planets</i> , 2013, 118, 2537-2557.	3.6	15
11	The origin and evolution of Saturn's 2011-2012 stratospheric vortex. <i>Icarus</i> , 2012, 221, 560-586.	2.5	63
12	Deep winds beneath Saturn's upper clouds from a seasonal long-lived planetary-scale storm. <i>Nature</i> , 2011, 475, 71-74.	27.8	98
13	A long-lived cyclone in Saturn's atmosphere: Observations and models. <i>Icarus</i> , 2010, 209, 665-681.	2.5	17
14	The Planetary Laboratory for Image Analysis (PLIA). <i>Advances in Space Research</i> , 2010, 46, 1120-1138.	2.6	37
15	The international outer planets watch atmospheres node database of giant-planet images. <i>Planetary and Space Science</i> , 2010, 58, 1152-1159.	1.7	40
16	A strong high altitude narrow jet detected at Saturn's equator. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	20
17	THE IMPACT OF A LARGE OBJECT ON JUPITER IN 2009 JULY. <i>Astrophysical Journal Letters</i> , 2010, 715, L155-L159.	8.3	47
18	The jovian anticyclone BAI. Motions and interaction with the GRS from observations and non-linear simulations. <i>Icarus</i> , 2009, 203, 486-498.	2.5	26

#	ARTICLE	IF	CITATIONS
19	The jovian anticyclone BAIII. Aerosol properties and color change. Icarus, 2009, 203, 516-530.	2.5	29
20	The jovian anticyclone BAII. Circulation and interaction with the zonal jets. Icarus, 2009, 203, 499-515.	2.5	54
21	Vorticity and numerical simulations of Jupiter's vortices. Planetary and Space Science, 2008, 56, 1560-1561.	1.7	0
22	Vertical structure of Jupiter's troposphere from nonlinear simulations of long-lived vortices. Icarus, 2008, 196, 184-201.	2.5	22
23	Jupiter's cyclones and anticyclones vorticity from Voyager and Galileo images. Icarus, 2005, 174, 178-191.	2.5	30