

# Jorge I Zuluaga

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

714  
citations

759233

12  
h-index

677142

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

709  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation, Habitability, and Detection of Extrasolar Moons. <i>Astrobiology</i> , 2014, 14, 798-835.	3.0	120
2	THE INFLUENCE OF THERMAL EVOLUTION IN THE MAGNETIC PROTECTION OF TERRESTRIAL PLANETS. <i>Astrophysical Journal</i> , 2013, 770, 23.	4.5	69
3	A NOVEL METHOD FOR IDENTIFYING EXOPLANETARY RINGS. <i>Astrophysical Journal Letters</i> , 2015, 803, L14.	8.3	61
4	MAGNETIC SHIELDING OF EXOMOONS BEYOND THE CIRCUMPLANETARY HABITABLE EDGE. <i>Astrophysical Journal Letters</i> , 2013, 776, L33.	8.3	49
5	The role of rotation in the evolution of dynamo-generated magnetic fields in Super Earths. <i>Icarus</i> , 2012, 217, 88-102.	2.5	44
6	The effect of close-in giant planetsâ€™ evolution on tidal-induced migration of exomoons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3019-3027.	4.4	44
7	ROTATIONAL SYNCHRONIZATION MAY ENHANCE HABITABILITY FOR CIRCUMBINARY PLANETS: KEPLER BINARY CASE STUDIES. <i>Astrophysical Journal Letters</i> , 2013, 774, L26.	8.3	43
8	Circumbinary habitability niches. <i>International Journal of Astrobiology</i> , 2015, 14, 391-400.	1.6	36
9	CONSTRAINING THE RADIATION AND PLASMA ENVIRONMENT OF THE KEPLER CIRCUMBINARY HABITABLE-ZONE PLANETS. <i>Astrophysical Journal</i> , 2016, 818, 160.	4.5	36
10	Anomalous light curves of young tilted exorings. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 472, L120-L124.	3.3	30
11	Size and Shape Constraints of (486958) Arrokoth from Stellar Occultations. <i>Astronomical Journal</i> , 2020, 159, 130.	4.7	25
12	$\frac{S}{U} = \frac{4 \pi r_p^2 \sigma_{\text{eff}} T_p^4}{4 \pi r_p^2 \sigma_{\text{eff}} T_p^4} = 1$	4.7	22
13	Ploonets: formation, evolution, and detectability of tidally detached exomoons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2313-2322.	4.4	22
14	Can close-in giant exoplanets preserve detectable moons?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3499-3508.	4.4	12
15	Pulsar Acceleration by Asymmetric Emission of Sterile Neutrinos. <i>Astrophysical Journal</i> , 2001, 549, 1076-1084.	4.5	11
16	Exploring the sub-eV neutrino mass range with supernova neutrinos. <i>Physical Review D</i> , 2004, 69, .	4.7	10
17	Magnetic properties of Proxima Centauri b analogues. <i>Planetary and Space Science</i> , 2018, 152, 55-67.	1.7	10
18	Constraints on neutrino masses from a galactic supernova neutrino signal at present and future detectors. <i>Nuclear Physics B</i> , 2005, 731, 140-163.	2.5	9

#	ARTICLE	IF	CITATIONS
19	The location of Asteroidal Belt Comets (ABCs), in a comet's evolutionary diagram: The Lazarus Comets. Monthly Notices of the Royal Astronomical Society, 2013, 434, 1821-1837.	4.4	8
20	Scattered light may reveal the existence of ringed exoplanets. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L85-L90.	3.3	8
21	The impact of tidal friction evolution on the orbital decay of ultra-short period planets. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	8
22	A General Method for Assessing the Origin of Interstellar Small Bodies: The Case of 1I/2017 U1 (â€œOumuamua). Astronomical Journal, 2018, 155, 236.	4.7	7
23	Towards a theoretical determination of the geographical probability distribution of meteoroid impacts on Earth. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1970-1983.	4.4	6
24	<i>Cronomoons</i>: origin, dynamics, and light-curve features of ringed exomoons. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1032-1044.	4.4	6
25	Enceladus as a Potential Niche for Methanogens and Estimation of Its Biomass. Life, 2021, 11, 1182.	2.4	5
26	Can we predict the impact conditions of metre-sized meteoroids?. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 486, L69-L73.	3.3	4
27	Correlation between tides and seismicity in Northwestern South America: The case of Colombia. Journal of South American Earth Sciences, 2019, 89, 227-245.	1.4	4
28	Speed Thresholds for Hyperbolic Meteors: The Case of the 2014 January 8 CNEOS Meteor. Research Notes of the AAS, 2019, 3, 68.	0.7	3
29	Tidal Coulomb Failure Stresses in the northern Andean intermediate depth seismic clusters: Implications for a possible correlation between tides and seismicity. Tectonophysics, 2019, 762, 61-78.	2.2	1
30	Location, orbit, and energy of a meteoroid impacting the Moon during the lunar eclipse of 2019 January 21. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1432-1449.	4.4	1
31	Revisiting the dynamics of planets in binaries: evolutionary timescales and the effect of early stellar evolution. Monthly Notices of the Royal Astronomical Society, 2019, , .	4.4	0