

# Corentin K Louis

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

245  
citations

933447

10  
h-index

996975

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

233  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on "Locating the source field lines of Jovian decametric radio emissions" by YuMing Wang et al.. Earth and Planetary Physics, 2022, 6, 10-12.	1.1	3
2	A Comprehensive Set of Juno In Situ and Remote Sensing Observations of the Ganymede Auroral Footprint. Geophysical Research Letters, 2022, 49, .	4.0	8
3	Determining the Beaming of Io Decametric Emissions: A Remote Diagnostic to Probe the Io-Jupiter Interaction. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	7
4	Wind/WAVES Observations of Auroral Kilometric Radiation: Automated Burst Detection and Terrestrial Solar Wind -Magnetosphere Coupling Effects. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	9
5	Juno Plasma Wave Observations at Ganymede. Geophysical Research Letters, 2022, 49, .	4.0	13
6	Science Goals and Mission Objectives for the Future Exploration of Ice Giants Systems: A Horizon 2061 Perspective. Space Science Reviews, 2021, 217, 1.	8.1	11
7	A Preliminary Study of Magnetosphere-Ionosphere-Thermosphere Coupling at Jupiter: Juno Multi-Instrument Measurements and Modeling Tools. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029469.	2.4	11
8	Jupiter's Auroral Radio Emissions Observed by Cassini: Rotational Versus Solar Wind Control, and Components Identification. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029780.	2.4	6
9	Latitudinal Beaming of Jupiter's Radio Emissions From Juno/Waves Flux Density Measurements. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029435.	2.4	9
10	Characteristics of Jupiter's X-Ray Auroral Hot Spot Emissions Using Chandra. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029243.	2.4	8
11	Jovian auroral radio source occultation modelling and application to the JUICE science mission planning. Planetary and Space Science, 2021, 209, 105344.	1.7	2
12	Ganymede-Induced Decametric Radio Emission: In Situ Observations and Measurements by Juno. Geophysical Research Letters, 2020, 47, e2020GL090021.	4.0	10
13	Comparisons Between Jupiter's X-Ray, UV and Radio Emissions and In-Situ Solar Wind Measurements During 2007. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027222.	2.4	24
14	MASER: A Science Ready Toolbox for Low Frequency Radio Astronomy. Data Science Journal, 2020, 19, .	1.3	4
15	Probing Jovian Broadband Kilometric Radio Sources Tied to the Ultraviolet Main Auroral Oval With Juno. Geophysical Research Letters, 2019, 46, 571-579.	4.0	10
16	Jovian Auroral Radio Sources Detected In Situ by Juno/Waves: Comparisons With Model Auroral Ovals and Simultaneous HST FUV Images. Geophysical Research Letters, 2019, 46, 11606-11614.	4.0	15
17	ExPRES: an Exoplanetary and Planetary Radio Emissions Simulator. Astronomy and Astrophysics, 2019, 627, A30.	5.1	26
18	Jupiter radio emission induced by Ganymede and consequences for the radio detection of exoplanets. Astronomy and Astrophysics, 2018, 618, A84.	5.1	27

#	ARTICLE	IF	CITATIONS
19	Ioâ€™ Jupiter decametric arcs observed by Juno/Waves compared to ExPRES simulations. Geophysical Research Letters, 2017, 44, 9225-9232.	4.0	22
20	Detection of Jupiter decametric emissions controlled by Europa and Ganymede with Voyager/PRA and Cassini/RPWS. Journal of Geophysical Research: Space Physics, 2017, 122, 9228-9247.	2.4	20