

# Lucas Paganini

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

666  
citations

516710

16  
h-index

794594

19  
g-index

19  
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19  
docs citations

19  
times ranked

809  
citing authors

#	ARTICLE	IF	CITATIONS
1	A measurement of water vapour amid a largely quiescent environment on Europa. <i>Nature Astronomy</i> , 2020, 4, 266-272.	10.1	69
2	New Insights into the Chemical Composition of Five Oort Cloud Comets after Re-analysis of Their Infrared Spectra. <i>Astronomical Journal</i> , 2020, 159, 157.	4.7	10
3	Unusually high CO abundance of the first active interstellar comet. <i>Nature Astronomy</i> , 2020, 4, 861-866.	10.1	62
4	Observations of Jupiter Family Comet 252P/LINEAR During a Close Approach to Earth Reveal Large Abundances of Methanol and Ethane. <i>Astronomical Journal</i> , 2019, 158, 98.	4.7	7
5	Quantifying the Evolution of Molecular Production Rates of Comet 21P/Giacobini-Zinner with iSHELL/NASA-IRTF. <i>Astronomical Journal</i> , 2019, 158, 254.	4.7	18
6	ALMA Autocorrelation Spectroscopy of Comets: The HCN/H <sup>13</sup> CN Ratio in C/2012 S1 (ISON). <i>Astrophysical Journal Letters</i> , 2019, 870, L26.	8.3	14
7	The Volatile Composition of Comet C/2017 E4 (Lovejoy) before its Disruption, as Revealed by High-resolution Infrared Spectroscopy with iSHELL at the NASA/IRTF. <i>Astronomical Journal</i> , 2018, 156, 68.	4.7	24
8	Ground-based Detection of Deuterated Water in Comet C/2014 Q2 (Lovejoy) at IR Wavelengths. <i>Astrophysical Journal Letters</i> , 2017, 836, L25.	8.3	18
9	EN ROUTE TO DESTRUCTION: THE EVOLUTION IN COMPOSITION OF ICES IN COMET D/2012 S1 (ISON) BETWEEN 1.2 AND 0.34 AU FROM THE SUN AS REVEALED AT INFRARED WAVELENGTHS*. <i>Astrophysical Journal</i> , 2016, 820, 34.	4.5	41
10	The Composition of Comets. <i>Space Science Reviews</i> , 2015, 197, 9-46.	8.1	90
11	THE VOLATILE COMPOSITION OF COMET C/2003 K4 (LINEAR) AT NEAR-IR WAVELENGTHS—COMPARISONS WITH RESULTS FROM THE NANAY RADIO TELESCOPE AND FROM THE ODIN, SPITZER, AND SOHO SPACE OBSERVATORIES. <i>Astrophysical Journal</i> , 2015, 808, 1.	4.5	25
12	THE UNEXPECTEDLY BRIGHT COMET C/2012 F6 (LEMMON) UNVEILED AT NEAR-INFRARED WAVELENGTHS. <i>Astronomical Journal</i> , 2014, 147, 15.	4.7	29
13	C/2013 R1 (LOVEJOY) AT IR WAVELENGTHS AND THE VARIABILITY OF CO ABUNDANCES AMONG OORT CLOUD COMETS. <i>Astrophysical Journal</i> , 2014, 791, 122.	4.5	36
14	Evidence for two modes of water release in Comet 103P/Hartley 2: Distributions of column density, rotational temperature, and ortho-para ratio. <i>Icarus</i> , 2013, 222, 740-751.	2.5	48
15	GROUND-BASED INFRARED DETECTIONS OF CO IN THE CENTAUR-COMET 29P/SCHWASSMANN-WACHMANN 1 AT 6.26 AU FROM THE SUN. <i>Astrophysical Journal</i> , 2013, 766, 100.	4.5	40
16	A multi-instrument study of Comet C/2009 P1 (Garradd) at 2.1AU (pre-perihelion) from the Sun. <i>Icarus</i> , 2012, 220, 291-295.	2.5	30
17	The formation heritage of Jupiter Family Comet 10P/Tempel 2 as revealed by infrared spectroscopy. <i>Icarus</i> , 2012, 218, 644-653.	2.5	19
18	TEMPORAL AND SPATIAL ASPECTS OF GAS RELEASE DURING THE 2010 APPARITION OF COMET 103P/HARTLEY 2. <i>Astrophysical Journal Letters</i> , 2011, 734, L7.	8.3	67

#	ARTICLE	IF	CITATIONS
19	HCN SPECTROSCOPY OF COMET 73P/SCHWASSMANN-WACHMANN 3. A STUDY OF GAS EVOLUTION AND ITS LINK TO CN. <i>Astrophysical Journal</i> , 2010, 715, 1258-1269.	4.5	19