Yeon Joo Lee

List of Publications by Year
in descending order

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39 papers	932 citations	393982 19 h-index	454577 30 g-index
45 all docs	45 docs citations	45 times ranked	543 citing authors

#	Article	IF	Citations
1	Correlation of Venusian Mesoscale Cloud Morphology Between Images Acquired at Various Wavelengths. Journal of Geophysical Research E: Planets, 2022, 127, .	1.5	3
2	BepiColombo Science Investigations During Cruise and Flybys at the Earth, Venus and Mercury. Space Science Reviews, 2021, 217, 1.	3.7	25
3	Investigation of UV Absorbers on Venus Using the 283 and 365Ânm Phase Curves Obtained From Akatsuki. Geophysical Research Letters, 2021, 48, e2020GL090577.	1.5	5
4	Venus, an Astrobiology Target. Astrobiology, 2021, 21, 1163-1185.	1.5	38
5	Instrumental requirements for the study of Venusâ€™ cloud top using the UV imaging spectrometer VeSUV. Advances in Space Research, 2021, 68, 275-291.	1.2	5
6	Potential for Phototrophy in Venus' Clouds. Astrobiology, 2021, 21, 1237-1249.	1.5	21
7	Venus' cloud top wind study: Coordinated Akatsuki/UVI with cloud tracking and TNG/HARPS-N with Doppler velocimetry observations. Icarus, 2020, 335, 113418.	1.1	16
8	Climatology of SO2 and UV absorber at Venus' cloud top from SPICAV-UV nadir dataset. Icarus, 2020, 335, 113368.	1.1	50
9	Brightness modulations of our nearest terrestrial planet Venus reveal atmospheric super-rotation rather than surface features. Nature Communications, 2020, 11, 5720.	5.8	10
10	A Recharge Oscillator Model for Interannual Variability in Venusâ€™ Clouds. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006568.	1.5	3
11	A Longâ€Lived Sharp Disruption on the Lower Clouds of Venus. Geophysical Research Letters, 2020, 47, e2020GL087221.	1.5	17
12	Spatial and Temporal Variability of the 365â€nm Albedo of Venus Observed by the Camera on Board Venus Express. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006271.	1.5	4
13	Dayside cloud top structure of Venus retrieved from Akatsuki IR2 observations. Icarus, 2020, 345, 113682.	1.1	13
14	Vertical Coupling Between the Cloudâ€Level Atmosphere and the Thermosphere of Venus Inferred From the Simultaneous Observations by Hisaki and Akatsuki. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006192.	1.5	2
15	HDO and SO₂thermal mapping on Venus. Astronomy and Astrophysics, 2020, 639, A69.	2.1	19
16	Long-term Variations of Venusâ€™s 365 nm Albedo Observed by Venus Express, Akatsuki, MESSENGER, and the Hubble Space Telescope. Astronomical Journal, 2019, 158, 126.	1.9	30
17	Global Structure of Thermal Tides in the Upper Cloud Layer of Venus Revealed by LIR on Board Akatsuki. Geophysical Research Letters, 2019, 46, 9457-9465.	1.5	26
18	Principal components of short-term variability in the ultraviolet albedo of Venus. Astronomy and Astrophysics, 2019, 626, A30.	2.1	2

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19	New cloud morphologies discovered on the Venus's night during Akatsuki. Icarus, 2019, 333, 177-182.	1.1	20
20	Stationary Features at the Cloud Top of Venus Observed by Ultraviolet Imager Onboard Akatsuki. Journal of Geophysical Research E: Planets, 2019, 124, 1266-1281.	1.5	17
21	HDO and SO₂ thermal mapping on Venus. Astronomy and Astrophysics, 2019, 623, A70.	2.1	26
22	Morphology and Dynamics of Venus's Middle Clouds With Akatsuki/IR1. Geophysical Research Letters, 2019, 46, 2399-2407.	1.5	10
23	Nightside Winds at the Lower Clouds of Venus with Akatsuki/IR2: Longitudinal, Local Time, and Decadal Variations from Comparison with Previous Measurements. Astrophysical Journal, Supplement Series, 2018, 239, 29.	3.0	21
24	Ultraviolet imager on Venus orbiter Akatsuki and its initial results. Earth, Planets and Space, 2018, 70, 23.	0.9	34
25	Mean winds at the cloud top of Venus obtained from two-wavelength UV imaging by Akatsuki. Earth, Planets and Space, 2018, 70, .	0.9	52
26	Venus looks different from day to night across wavelengths: morphology from Akatsuki multispectral images. Earth, Planets and Space, 2018, 70, 24.	0.9	31
27	Overview of useful spectral regions for Venus: An update to encourage observations complementary to the Akatsuki mission. Icarus, 2017, 288, 235-239.	1.1	21
28	Venus's winds and temperatures during the MESSENGER's flyby: An approximation to a threeâ€dimensional instantaneous state of the atmosphere. Geophysical Research Letters, 2017, 44, 3907-3915.	1.5	18
29	Scattering Properties of the Venusian Clouds Observed by the UV Imager on board Akatsuki. Astronomical Journal, 2017, 154, 44.	1.9	27
30	Overview of Akatsuki data products: definition of data levels, method and accuracy of geometric correction. Earth, Planets and Space, 2017, 69, .	0.9	20
31	Initial performance of the radio occultation experiment in the Venus orbiter mission Akatsuki. Earth, Planets and Space, 2017, 69, .	0.9	60
32	Stationary waves and slowly moving features in the night upper clouds of Venus. Nature Astronomy, 2017, 1, .	4.2	35
33	VENUS CLOUD MORPHOLOGY AND MOTIONS FROM GROUND-BASED IMAGES AT THE TIME OF THE AKATSUKI ORBIT INSERTION^{â^—}. Astrophysical Journal Letters, 2016, 833, L7.	3.0	16
34	Sensitivity of net thermal flux to the abundance of trace gases in the lower atmosphere of Venus. Journal of Geophysical Research E: Planets, 2016, 121, 1737-1752.	1.5	15
35	AKATSUKI returns to Venus. Earth, Planets and Space, 2016, 68, .	0.9	89
36	Long-term variations of the UV contrast on Venus observed by the Venus Monitoring Camera on board Venus Express. Icarus, 2015, 253, 1-15.	1.1	36

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37	The radiative forcing variability caused by the changes of the upper cloud vertical structure in the Venus mesosphere. Planetary and Space Science, 2015, 113-114, 298-308.	0.9	19
38	Vertical structure of the Venus cloud top from the VeRa and VIRTIS observations onboard Venus Express. Icarus, 2012, 217, 599-609.	1.1	57
39	Sudden increase in the total ozone density due to secondary ozone peaks and its effect on total ozone trends over Korea. Atmospheric Environment, 2012, 47, 226-235.	1.9	15