

Lauriane Soret

List of Publications by Year in descending order

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27
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516710

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889
citing authors

#	ARTICLE	IF	CITATIONS
1	A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209.	3.7	249
2	SPICAM observations and modeling of Mars aurorae. <i>Icarus</i> , 2016, 264, 398-406.	2.5	52
3	Atomic oxygen on the Venus nightside: Global distribution deduced from airglow mapping. <i>Icarus</i> , 2012, 217, 849-855.	2.5	50
4	Concurrent observations of ultraviolet aurora and energetic electron precipitation with Mars Express. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6749-6765.	2.4	37
5	The OH Venus nightglow spectrum: Intensity and vibrational composition from VIRTIS-Venus Express observations. <i>Planetary and Space Science</i> , 2012, 73, 387-396.	1.7	32
6	Night side distribution of SO ₂ content in Venus's upper mesosphere. <i>Icarus</i> , 2017, 294, 58-71.	2.5	32
7	The characteristics of the O ₂ Herzberg II and Chamberlain bands observed with VIRTIS/Venus Express. <i>Icarus</i> , 2013, 223, 609-614.	2.5	31
8	The EChO science case. <i>Experimental Astronomy</i> , 2015, 40, 329-391.	3.7	31
9	Atomic oxygen distributions in the Venus thermosphere: Comparisons between Venus Express observations and global model simulations. <i>Icarus</i> , 2012, 217, 759-766.	2.5	30
10	Spatial correlation of OH Meinel and O ₂ infrared atmospheric nightglow emissions observed with VIRTIS-M on board Venus Express. <i>Icarus</i> , 2012, 217, 813-817.	2.5	30
11	The distributions of the OH Meinel and nightglow emissions in the Venus mesosphere based on VIRTIS observations. <i>Advances in Space Research</i> , 2010, 45, 1268-1275.	2.6	26
12	Concurrent observations of the ultraviolet nitric oxide and infrared O ₂ nightglow emissions with Venus Express. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	25
13	Is the O ₂ (a ¹ g) Venus nightglow emission controlled by solar activity?. <i>Icarus</i> , 2015, 262, 170-172.	2.5	22
14	The Mars diffuse aurora: A model of ultraviolet and visible emissions. <i>Icarus</i> , 2017, 288, 284-294.	2.5	20
15	Discrete Aurora on Mars: Insights Into Their Distribution and Activity From MAVEN/IUVS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029428.	2.4	20
16	Venus OH nightglow distribution based on VIRTIS limb observations from Venus Express. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	19
17	Time variations of O ₂ (a ¹ g) nightglow spots on the Venus nightside and dynamics of the upper mesosphere. <i>Icarus</i> , 2014, 237, 306-314.	2.5	17
18	The vertical distribution of the Venus NO nightglow: Limb profiles inversion and one-dimensional modeling. <i>Icarus</i> , 2012, 220, 981-989.	2.5	13

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19	Oxygen nightglow emissions of Venus: Vertical distribution and collisional quenching. <i>Icarus</i> , 2013, 223, 602-608.	2.5	13
20	Discrete Aurora on Mars: Spectral Properties, Vertical Profiles, and Electron Energies. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029495.	2.4	12
21	Latitudinal structure of the Venus O ₂ infrared airglow: A signature of small-scale dynamical processes in the upper atmosphere. <i>Icarus</i> , 2014, 236, 92-103.	2.5	11
22	First Observation of the Oxygen 630Ånm Emission in the Martian Dayglow. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092334.	4.0	8
23	Terrestrial <sc>OH</sc> nightglow measurements during the <sc>Rosetta</sc> flyby. <i>Geophysical Research Letters</i> , 2015, 42, 5670-5677.	4.0	7
24	Discrete Aurora at Mars: Dependence on Upstream Solar Wind Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	7
25	Density and Temperature of the Upper Mesosphere and Lower Thermosphere of Mars Retrieved From the OI 557.7Ånm Dayglow Measured by TGO/NOMAD. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	6
26	The Mars Oxygen Visible Dayglow: A Martian Year of NOMAD/UVIS Observations. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	2
27	Temperature estimation from hydroxyl airglow emission in the Venus night side mesosphere. <i>Icarus</i> , 2018, 300, 386-391.	2.5	1