

# Haili Hu

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

3,195  
citations

394421

19  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Privacy-preserving local analysis of digital trace data: A proof-of-concept. <i>Patterns</i> , 2022, 3, 100444.	5.9	7
2	Full-physics carbon dioxide retrievals from the Orbiting Carbon Observatory-2 (OCO-2) satellite by only using the 2.06 $\mu\text{m}$ band. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 6049-6058.	3.1	8
3	A study of synthetic $\text{CH}_4$ retrievals from TROPOMI and Sentinel-5/LVNS. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 6273-6301.	3.1	5
4	The effects of diffusion in hot subdwarf progenitors from the common envelope channel. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4728-4738.	4.4	16
5	Toward Global Mapping of Methane With TROPOMI: First Results and Intersatellite Comparison to GOSAT. <i>Geophysical Research Letters</i> , 2018, 45, 3682-3689.	4.0	170
6	Detection of carbon monoxide pollution from cities and wildfires on regional and urban scales: the benefit of CO column retrievals from SCIAMACHY 2.3 $\mu\text{m}$ measurements under cloudy conditions. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 2553-2565.	3.1	17
7	Mapping carbon monoxide pollution from space down to city scales with daily global coverage. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 5507-5518.	3.1	75
8	Measuring Carbon Monoxide With TROPOMI: First Results and a Comparison With ECMWF $\text{IFS}$ Analysis Data. <i>Geophysical Research Letters</i> , 2018, 45, 2826-2832.	4.0	82
9	A full-mission data set of $\text{H}_2\text{O}$ and HDO columns from SCIAMACHY 2.3 $\mu\text{m}$ reflectance measurements. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3339-3350.	3.1	8
10	Carbon dioxide retrieval from OCO-2 satellite observations using the RemoTeC algorithm and validation with TCCON measurements. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3111-3130.	3.1	45
11	Diffusion in hot subdwarf progenitors from the common envelope channel. <i>Open Astronomy</i> , 2017, 26, .	0.6	0
12	Carbon monoxide column retrieval for clear-sky and cloudy atmospheres: a full-mission data set from SCIAMACHY 2.3 $\mu\text{m}$ reflectance measurements. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 1769-1782.	3.1	12
13	HDO and $\text{H}_2\text{O}$ total column retrievals from TROPOMI shortwave infrared measurements. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 3921-3937.	3.1	14
14	The operational methane retrieval algorithm for TROPOMI. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 5423-5440.	3.1	93
15	Carbon monoxide total column retrievals from TROPOMI shortwave infrared measurements. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 4955-4975.	3.1	92
16	Methane and carbon dioxide total column retrievals from cloudy GOSAT soundings over the oceans. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 5031-5050.	3.3	5
17	MODULES FOR EXPERIMENTS IN STELLAR ASTROPHYSICS (MESA): BINARIES, PULSATIONS, AND EXPLOSIONS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 220, 15.	7.7	1,990
18	The blue-edge problem of the V1093 Herculis instability strip revisited using evolutionary models with atomic diffusion. <i>Astronomy and Astrophysics</i> , 2014, 569, A123.	5.1	20

#	ARTICLE	IF	CITATIONS
19	Seismic evidence for non-synchronization in two close sdb+dM binaries from Kepler photometry. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1343-1351.	4.4	45
20	Orbital properties of an unusually low-mass sdB star in a close binary system with a white dwarf. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1752-1761.	4.4	24
21	A pulsation zoo in the hot subdwarf B star KICâ€™%10139564 observed by Kepler. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2686-2700.	4.4	57
22	Angular momentum transfer between oscillations and rotation in subdwarf B hybrid pulsators. Astronomy and Astrophysics, 2011, 535, A96.	5.1	2
23	Slowing down atomic diffusion in subdwarf B stars: mass loss or turbulence?. Monthly Notices of the Royal Astronomical Society, 2011, 418, 195-205.	4.4	68
24	Blue Straggler Surface Abundances: A Clue to Their Formation History?. , 2010, , .		3
25	Gravitational settling in pulsating subdwarf B stars and their progenitors. Astronomy and Astrophysics, 2010, 511, A87.	5.1	21
26	The UV-Excess survey of the northern Galactic plane. Monthly Notices of the Royal Astronomical Society, 2009, 399, 323-339.	4.4	46
27	Impact of helium diffusion and helium-flash-induced carbon production on gravity-mode pulsations in subdwarf B stars. Astronomy and Astrophysics, 2009, 508, 869-876.	5.1	30
28	Initial data release from the INT Photometric H Survey of the Northern Galactic Plane (IPHAS). Monthly Notices of the Royal Astronomical Society, 2008, 388, 89-104.	4.4	85
29	A seismic approach to testing different formation channels of subdwarf B stars. Astronomy and Astrophysics, 2008, 490, 243-252.	5.1	38
30	An evolutionary study of the pulsating subdwarf B eclipsing binary PG 1336-018 (NY Virginis). Astronomy and Astrophysics, 2007, 473, 569-577.	5.1	34
31	The binary properties of the pulsating subdwarf B eclipsing binary PG 1336-018 (NY Virginis). Astronomy and Astrophysics, 2007, 471, 605-615.	5.1	66