

# Hiroshi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8948870/publications.pdf>

Version: 2024-02-01

10  
papers

219  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Irregularly shaped ice aggregates in optical modeling of convectively generated ice clouds. Journal of Quantitative Spectroscopy and Radiative Transfer, 2012, 113, 632-643.	2.3	54
2	Shape modeling of mineral dust particles for light-scattering calculations using the spatial Poisson-Voronoi tessellation. Journal of Quantitative Spectroscopy and Radiative Transfer, 2010, 111, 2434-2443.	2.3	48
3	Efficient method of computing a geometric optics integral for light scattering by nonspherical particles. Papers in Meteorology and Geophysics, 2012, 63, 15-19.	0.9	30
4	Snow particles extracted from X-ray computed microtomography imagery and their single-scattering properties. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 209, 113-128.	2.3	24
5	A shape model of internally mixed soot particles derived from artificial surface tension. Atmospheric Measurement Techniques, 2019, 12, 107-118.	3.1	22
6	Effects of Snow Grain Shape and Mixing State of Snow Impurity on Retrieval of Snow Physical Parameters From Ground-Based Optical Instrument. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031858.	3.3	16
7	Numerical simulation of spectral albedos of glacier surfaces covered with glacial microbes in Northwestern Greenland. , 2013, , .		14
8	One-dimensional variational (1D-Var) retrieval of middle to upper tropospheric humidity using AIRS radiance data. Journal of Geophysical Research D: Atmospheres, 2014, 119, 7633-7654.	3.3	7
9	Spectral degree of linear polarization and neutral points of polarization in snow and ice surfaces. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 273, 107845.	2.3	4
10	Studies on Atmosphere, Snow/Ice, and Glacial Microbes on Greenland Ice Sheet by SIGMA and relevant projects. Journal of the Japanese Society of Snow and Ice, 2021, 83, 169-191.	0.1	0