

# Xiaomei Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

505  
citations

840119

11  
h-index

887659

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deriving Snow Depth From ICESat-2 Lidar Multiple Scattering Measurements. <i>Frontiers in Remote Sensing</i> , 2022, 3, .	1.3	7
2	Deriving Snow Depth From ICESat-2 Lidar Multiple Scattering Measurements: Uncertainty Analyses. <i>Frontiers in Remote Sensing</i> , 2022, 3, .	1.3	3
3	Confidence Measure of the Shallow-Water Bathymetry Map Obtained through the Fusion of Lidar and Multiband Image Data. <i>Journal of Remote Sensing</i> , 2021, 2021, .	3.2	19
4	Enabling Value Added Scientific Applications of ICESat-2 Data With Effective Removal of Afterpulses. <i>Earth and Space Science</i> , 2021, 8, e2021EA001729.	1.1	18
5	Global Ocean Studies from CALIOP/CALIPSO by Removing Polarization Crosstalk Effects. <i>Remote Sensing</i> , 2021, 13, 2769.	1.8	8
6	Multi-Year Seasonal Trends in Sea Ice, Chlorophyll Concentration, and Marine Aerosol Optical Depth in the Bellingshausen Sea. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034737.	1.2	9
7	New Ocean Subsurface Optical Properties From Space Lidars: CALIOP/CALIPSO and ATLAS/ICESat-2. <i>Earth and Space Science</i> , 2021, 8, e2021EA001839.	1.1	26
8	New attenuated backscatter profile by removing the CALIOP receiver's transient response. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 255, 107244.	1.1	11
9	Antarctic spring ice-edge blooms observed from space by ICESat-2. <i>Remote Sensing of Environment</i> , 2020, 245, 111827.	4.6	49
10	Ocean Subsurface Study from ICESat-2 Mission. , 2019, , .		9
11	Laser pulse bidirectional reflectance from CALIPSO mission. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3281-3296.	1.2	13
12	Observations of Arctic snow and sea ice cover from CALIOP lidar measurements. <i>Remote Sensing of Environment</i> , 2017, 194, 248-263.	4.6	13
13	Annual boom-bust cycles of polar phytoplankton biomass revealed by space-based lidar. <i>Nature Geoscience</i> , 2017, 10, 118-122.	5.4	150
14	Retrieval of ocean subsurface particulate backscattering coefficient from space-borne CALIOP lidar measurements. <i>Optics Express</i> , 2016, 24, 29001.	1.7	43
15	Forest Canopy Height Estimation from Calipso Lidar Measurement. <i>EPJ Web of Conferences</i> , 2016, 119, 22005.	0.1	1
16	Ocean subsurface studies with the CALIPSO spaceborne lidar. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4305-4317.	1.0	74
17	A Super-Resolution Laser Altimetry Concept. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 298-302.	1.4	8
18	CALIOP receiver transient response study. , 2013, , .		6

#	ARTICLE	IF	CITATIONS
19	Subsurface Ocean Signals from an Orbiting Polarization Lidar. Remote Sensing, 2013, 5, 3457-3475.	1.8	36