

# Xiaomei Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/855759/publications.pdf>

Version: 2024-02-01

19  
papers

505  
citations

840585

11  
h-index

887953

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Annual boom&quot;bust cycles of polar phytoplankton biomass revealed by space-based lidar. Nature Geoscience, 2017, 10, 118-122.	5.4	150
2	Ocean subsurface studies with the CALIPSO spaceborne lidar. Journal of Geophysical Research: Oceans, 2014, 119, 4305-4317.	1.0	74
3	Antarctic spring ice-edge blooms observed from space by ICESat-2. Remote Sensing of Environment, 2020, 245, 111827.	4.6	49
4	Retrieval of ocean subsurface particulate backscattering coefficient from space-borne CALIOP lidar measurements. Optics Express, 2016, 24, 29001.	1.7	43
5	Subsurface Ocean Signals from an Orbiting Polarization Lidar. Remote Sensing, 2013, 5, 3457-3475.	1.8	36
6	New Ocean Subsurface Optical Properties From Space Lidars: CALIOP/CALIPSO and ATLAS/ICESat&#x2013;2. Earth and Space Science, 2021, 8, e2021EA001839.	1.1	26
7	Confidence Measure of the Shallow-Water Bathymetry Map Obtained through the Fusion of Lidar and Multiband Image Data. Journal of Remote Sensing, 2021, 2021, .	3.2	19
8	Enabling Value Added Scientific Applications of ICESat&#x2013;2 Data With Effective Removal of Afterpulses. Earth and Space Science, 2021, 8, e2021EA001729.	1.1	18
9	Observations of Arctic snow and sea ice cover from CALIOP lidar measurements. Remote Sensing of Environment, 2017, 194, 248-263.	4.6	13
10	Laser pulse bidirectional reflectance from CALIPSO mission. Atmospheric Measurement Techniques, 2018, 11, 3281-3296.	1.2	13
11	New attenuated backscatter profile by removing the CALIOP receiver's transient response. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 255, 107244.	1.1	11
12	Ocean Subsurface Study from ICESat-2 Mission. , 2019, , .		9
13	Multi&#x2013;Year Seasonal Trends in Sea Ice, Chlorophyll Concentration, and Marine Aerosol Optical Depth in the Bellingshausen Sea. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034737.	1.2	9
14	A Super-Resolution Laser Altimetry Concept. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 298-302.	1.4	8
15	Global Ocean Studies from CALIOP/CALIPSO by Removing Polarization Crosstalk Effects. Remote Sensing, 2021, 13, 2769.	1.8	8
16	Deriving Snow Depth From ICESat-2 Lidar Multiple Scattering Measurements. Frontiers in Remote Sensing, 2022, 3, .	1.3	7
17	CALIOP receiver transient response study. , 2013, , .		6
18	Deriving Snow Depth From ICESat-2 Lidar Multiple Scattering Measurements: Uncertainty Analyses. Frontiers in Remote Sensing, 2022, 3, .	1.3	3

#	ARTICLE	IF	CITATIONS
19	Forest Canopy Height Estimation from Calipso Lidar Measurement. EPJ Web of Conferences, 2016, 119, 22005.	0.1	1