

# Miae Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7087880/publications.pdf>

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15  
papers

359  
citations

840119

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996533

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docs citations

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times ranked

424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arctic Sea Ice Thickness Estimation from CryoSat-2 Satellite Data Using Machine Learning-Based Lead Detection. <i>Remote Sensing</i> , 2016, 8, 698.	1.8	53
2	Landfast sea ice monitoring using multisensor fusion in the Antarctic. <i>GIScience and Remote Sensing</i> , 2015, 52, 239-256.	2.4	48
3	Meteorology-driven variability of air pollution (PM <sub>2.5</sub> ) revealed with explainable machine learning. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3919-3948.	1.9	46
4	Detection of Convective Initiation Using Meteorological Imager Onboard Communication, Ocean, and Meteorological Satellite Based on Machine Learning Approaches. <i>Remote Sensing</i> , 2015, 7, 9184-9204.	1.8	39
5	Improved retrievals of aerosol optical depth and fine mode fraction from GOCI geostationary satellite data using machine learning over East Asia. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 183, 253-268.	4.9	33
6	Convolutional Neural Network-Based Land Cover Classification Using 2-D Spectral Reflectance Curve Graphs With Multitemporal Satellite Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 4604-4617.	2.3	26
7	Retrieval of Melt Ponds on Arctic Multiyear Sea Ice in Summer from TerraSAR-X Dual-Polarization Data Using Machine Learning Approaches: A Case Study in the Chukchi Sea with Mid-Incidence Angle Data. <i>Remote Sensing</i> , 2016, 8, 57.	1.8	23
8	Detection of Tropical Overshooting Cloud Tops Using Himawari-8 Imagery. <i>Remote Sensing</i> , 2017, 9, 685.	1.8	17
9	Deep learning-based monitoring of overshooting cloud tops from geostationary satellite data. <i>GIScience and Remote Sensing</i> , 2018, 55, 763-792.	2.4	16
10	Object-based landfast sea ice detection over West Antarctica using time series ALOS PALSAR data. <i>Remote Sensing of Environment</i> , 2020, 242, 111782.	4.6	14
11	Pre-trained feature aggregated deep learning-based monitoring of overshooting tops using multi-spectral channels of GeoKompsat-2A advanced meteorological imagery. <i>GIScience and Remote Sensing</i> , 2021, 58, 1052-1071.	2.4	13
12	Improvement of satellite-based estimation of gross primary production through optimization of meteorological parameters and high resolution land cover information at regional scale over East Asia. <i>Agricultural and Forest Meteorology</i> , 2019, 271, 180-192.	1.9	8
13	Retrieval of Summer Sea Ice Concentration in the Pacific Arctic Ocean from AMSR2 Observations and Numerical Weather Data Using Random Forest Regression. <i>Remote Sensing</i> , 2021, 13, 2283.	1.8	8
14	A New Satellite-Based Retrieval of Low-Cloud Liquid-Water Path Using Machine Learning and Meteosat SEVIRI Data. <i>Remote Sensing</i> , 2020, 12, 3475.	1.8	6
15	Assessment of COVID-19 effects on satellite-observed aerosol loading over China with machine learning. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 73, 1971925.	0.8	4