

# Xiaona Chen

## List of Publications by Year in descending order

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34  
papers

4,567  
citations

430874

18  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

5356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global near real-time daily apparent temperature and heat wave dataset. <i>Geoscience Data Journal</i> , 2023, 10, 231-245.	4.4	1
2	Spring snow depth changes and feedback to surface air temperature across the Tibetan plateau from 1961 to 2013. <i>International Journal of Climatology</i> , 2022, 42, 32-47.	3.5	4
3	Distribution and Attribution of Gross Primary Productivity Increase Over the Mongolian Plateau, 2001-2018. <i>IEEE Access</i> , 2022, 10, 25125-25134.	4.2	6
4	Trans-Arctic shipping routes expanding faster than the model projections. <i>Global Environmental Change</i> , 2022, 73, 102488.	7.8	30
5	Distribution and Attribution of Earlier Start of the Growing Season over the Northern Hemisphere from 2001 to 2018. <i>Remote Sensing</i> , 2022, 14, 2964.	4.0	0
6	A global long-term ocean surface daily/0.05° net radiation product from 1983 to 2020. <i>Scientific Data</i> , 2022, 9, .	5.3	4
7	The Global Land Surface Satellite (GLASS) Product Suite. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E323-E337.	3.3	203
8	Estimating fractional snow cover from passive microwave brightness temperature data using MODIS snow cover product over North America. <i>Cryosphere</i> , 2021, 15, 835-861.	3.9	14
9	Distribution and Attribution of Terrestrial Snow Cover Phenology Changes over the Northern Hemisphere during 2001 to 2020. <i>Remote Sensing</i> , 2021, 13, 1843.	4.0	17
10	Diagnose the dominant climate factors and periods of spring phenology in Qinling Mountains, China. <i>Ecological Indicators</i> , 2021, 131, 108211.	6.3	7
11	Contribution of Changes in Snow Cover Extent to Shortwave Radiation Perturbations at the Top of the Atmosphere over the Northern Hemisphere during 2000 to 2019. <i>Remote Sensing</i> , 2021, 13, 4938.	4.0	2
12	The Response of Glaciers to Global Warming in the Mountains of Eastern Siberia, Mongolia, and Northwest China. <i>Geography and Natural Resources</i> , 2021, 42, 306-314.	0.3	1
13	Observed earlier start of the growing season from middle to high latitudes across the Northern Hemisphere snow-covered landmass for the period 2001 to 2014. <i>Environmental Research Letters</i> , 2020, 15, 034042.	5.2	18
14	Differences in snow-induced radiative forcing estimated from satellite and reanalysis surface albedo datasets over the Northern Hemisphere landmass for the overlapping period of 1982 to 2012. <i>Environmental Research Communications</i> , 2020, 2, 091001.	2.3	2
15	Remote sensing of earth's energy budget: synthesis and review. <i>International Journal of Digital Earth</i> , 2019, 12, 737-780.	3.9	105
16	Recent Third Pole's Rapid Warming Accompanies Cryospheric Melt and Water Cycle Intensification and Interactions between Monsoon and Environment: Multidisciplinary Approach with Observations, Modeling, and Analysis. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 423-444.	3.3	590
17	Climatology of snow phenology over the Tibetan plateau for the period 2001 to 2014 using multisource data. <i>International Journal of Climatology</i> , 2018, 38, 2718-2729.	3.5	15
18	Strong cooling induced by stand-replacing fires through albedo in Siberian larch forests. <i>Scientific Reports</i> , 2018, 8, 4821.	3.3	23

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19	Developing a composite daily snow cover extent record over the Tibetan Plateau from 1981 to 2016 using multisource data. <i>Remote Sensing of Environment</i> , 2018, 215, 284-299.	11.0	58
20	Investigation of SMAP Activeâ€“Passive Downscaling Algorithms Using Combined Sentinel-1 SAR and SMAP Radiometer Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 4906-4918.	6.3	26
21	Enhanced wintertime greenhouse effect reinforcing Arctic amplification and initial sea-ice melting. <i>Scientific Reports</i> , 2017, 7, 8462.	3.3	41
22	Sensitivity of Summer Drying to Spring Snow-Albedo Feedback Throughout the Northern Hemisphere From Satellite Observations. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 2345-2349.	3.1	5
23	Observed radiative cooling over the Tibetan Plateau for the past three decades driven by snow coverâ€“induced surface albedo anomaly. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6170-6185.	3.3	34
24	Distribution, attribution, and radiative forcing of snow cover changes over China from 1982 to 2013. <i>Climatic Change</i> , 2016, 137, 363-377.	3.6	21
25	Evaluation of Four Reanalysis Surface Albedo Data Sets in Arctic Using a Satellite Product. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016, , 1-5.	3.1	8
26	Satellite observed changes in the Northern Hemisphere snow cover phenology and the associated radiative forcing and feedback between 1982 and 2013. <i>Environmental Research Letters</i> , 2016, 11, 084002.	5.2	39
27	Observed contrast changes in snow cover phenology in northern middle and high latitudes from 2001â€“2014. <i>Scientific Reports</i> , 2015, 5, 16820.	3.3	86
28	Land Surface Albedo Estimation from Chinese HJ Satellite Data Based on the Direct Estimation Approach. <i>Remote Sensing</i> , 2015, 7, 5495-5510.	4.0	26
29	Assessment of Sea Ice Albedo Radiative Forcing and Feedback over the Northern Hemisphere from 1982 to 2009 Using Satellite and Reanalysis Data. <i>Journal of Climate</i> , 2015, 28, 1248-1259.	3.2	29
30	Timeâ€“lag effects of global vegetation responses to climate change. <i>Global Change Biology</i> , 2015, 21, 3520-3531.	9.5	672
31	Global LAnd Surface Satellite (GLASS) Products. <i>SpringerBriefs in Earth Sciences</i> , 2014, , .	0.5	14
32	Greenland surface albedo changes in July 1981â€“2012 from satellite observations. <i>Environmental Research Letters</i> , 2013, 8, 044043.	5.2	59
33	A long-term Global LAnd Surface Satellite (GLASS) data-set for environmental studies. <i>International Journal of Digital Earth</i> , 2013, 6, 5-33.	3.9	385
34	First operational BRDF, albedo nadir reflectance products from MODIS. <i>Remote Sensing of Environment</i> , 2002, 83, 135-148.	11.0	2,022