Xiaona Chen

List of Publications by Year
in descending order

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34	4,567	430874	395702
papers	citations	18 h-index	33 g-index

36	36	36	5356
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First operational BRDF, albedo nadir reflectance products from MODIS. Remote Sensing of Environment, 2002, 83, 135-148.	11.0	2,022
2	Timeâ€lag effects of global vegetation responses to climate change. Global Change Biology, 2015, 21, 3520-3531.	9.5	672
3	Recent Third Poleâ€™s Rapid Warming Accompanies Cryospheric Melt and Water Cycle Intensification and Interactions between Monsoon and Environment: Multidisciplinary Approach with Observations, Modeling, and Analysis. Bulletin of the American Meteorological Society, 2019, 100, 423-444.	3.3	590
4	A long-term Global LAnd Surface Satellite (GLASS) data-set for environmental studies. International Journal of Digital Earth, 2013, 6, 5-33.	3.9	385
5	The Global Land Surface Satellite (GLASS) Product Suite. Bulletin of the American Meteorological Society, 2021, 102, E323-E337.	3.3	203
6	Remote sensing of earthâ€™s energy budget: synthesis and review. International Journal of Digital Earth, 2019, 12, 737-780.	3.9	105
7	Observed contrast changes in snow cover phenology in northern middle and high latitudes from 2001â€“2014. Scientific Reports, 2015, 5, 16820.	3.3	86
8	Greenland surface albedo changes in July 1981â€“2012 from satellite observations. Environmental Research Letters, 2013, 8, 044043.	5.2	59
9	Developing a composite daily snow cover extent record over the Tibetan Plateau from 1981 to 2016 using multisource data. Remote Sensing of Environment, 2018, 215, 284-299.	11.0	58
10	Enhanced wintertime greenhouse effect reinforcing Arctic amplification and initial sea-ice melting. Scientific Reports, 2017, 7, 8462.	3.3	41
11	Satellite observed changes in the Northern Hemisphere snow cover phenology and the associated radiative forcing and feedback between 1982 and 2013. Environmental Research Letters, 2016, 11, 084002.	5.2	39
12	Observed radiative cooling over the Tibetan Plateau for the past three decades driven by snow coverâ€induced surface albedo anomaly. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6170-6185.	3.3	34
13	Trans-Arctic shipping routes expanding faster than the model projections. Global Environmental Change, 2022, 73, 102488.	7.8	30
14	Assessment of Sea Ice Albedo Radiative Forcing and Feedback over the Northern Hemisphere from 1982 to 2009 Using Satellite and Reanalysis Data. Journal of Climate, 2015, 28, 1248-1259.	3.2	29
15	Land Surface Albedo Estimation from Chinese HJ Satellite Data Based on the Direct Estimation Approach. Remote Sensing, 2015, 7, 5495-5510.	4.0	26
16	Investigation of SMAP Activeâ€“Passive Downscaling Algorithms Using Combined Sentinel-1 SAR and SMAP Radiometer Data. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4906-4918.	6.3	26
17	Strong cooling induced by stand-replacing fires through albedo in Siberian larch forests. Scientific Reports, 2018, 8, 4821.	3.3	23
18	Distribution, attribution, and radiative forcing of snow cover changes over China from 1982 to 2013. Climatic Change, 2016, 137, 363-377.	3.6	21

#	Article	IF	Citations
19	Observed earlier start of the growing season from middle to high latitudes across the Northern Hemisphere snow-covered landmass for the period 2001â€“2014. Environmental Research Letters, 2020, 15, 034042.	5.2	18
20	Distribution and Attribution of Terrestrial Snow Cover Phenology Changes over the Northern Hemisphere during 2001â€“2020. Remote Sensing, 2021, 13, 1843.	4.0	17
21	Climatology of snow phenology over the Tibetan plateau for the period 2001â€“2014 using multisource data. International Journal of Climatology, 2018, 38, 2718-2729.	3.5	15
22	Global LAnd Surface Satellite (GLASS) Products. SpringerBriefs in Earth Sciences, 2014, , .	0.5	14
23	Estimating fractional snow cover from passive microwave brightness temperature data using MODIS snow cover product over North America. Cryosphere, 2021, 15, 835-861.	3.9	14
24	Evaluation of Four Reanalysis Surface Albedo Data Sets in Arctic Using a Satellite Product. IEEE Geoscience and Remote Sensing Letters, 2016, , 1-5.	3.1	8
25	Diagnose the dominant climate factors and periods of spring phenology in Qinling Mountains, China. Ecological Indicators, 2021, 131, 108211.	6.3	7
26	Distribution and Attribution of Gross Primary Productivity Increase Over the Mongolian Plateau, 2001-2018. IEEE Access, 2022, 10, 25125-25134.	4.2	6
27	Sensitivity of Summer Drying to Spring Snow-Albedo Feedback Throughout the Northern Hemisphere From Satellite Observations. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2345-2349.	3.1	5
28	Spring snow depth changes and feedback to surface air temperature across the Tibetan plateau from 1961 to 2013. International Journal of Climatology, 2022, 42, 32-47.	3.5	4
29	A global long-term ocean surface daily/0.05Â° net radiation product from 1983â€“2020. Scientific Data, 2022, 9, .	5.3	4
30	Differences in snow-induced radiative forcing estimated from satellite and reanalysis surface albedo datasets over the Northern Hemisphere landmass for the overlapping period of 1982â€“2012. Environmental Research Communications, 2020, 2, 091001.	2.3	2
31	Contribution of Changes in Snow Cover Extent to Shortwave Radiation Perturbations at the Top of the Atmosphere over the Northern Hemisphere during 2000â€“2019. Remote Sensing, 2021, 13, 4938.	4.0	2
32	The Response of Glaciers to Global Warming in the Mountains of Eastern Siberia, Mongolia, and Northwest China. Geography and Natural Resources, 2021, 42, 306-314.	0.3	1
33	Global near realâ€time daily apparent temperature and heat wave dataset. Geoscience Data Journal, 2023, 10, 231-245.	4.4	1
34	Distribution and Attribution of Earlier Start of the Growing Season over the Northern Hemisphere from 2001â€“2018. Remote Sensing, 2022, 14, 2964.	4.0	0