Xiaoqiu Chen

List of Publications by Citations

44 papers	1,044 citations	16 h-index	32 g-index
48 ext. papers	1,269 ext. citations	4.3 avg, IF	4.71 L-index

#	Paper	IF	Citations
44	Spatial and temporal variation of phenological growing season and climate change impacts in temperate eastern China. *Global Change Biology*, **2005**, 11, 1118-1130	11.4	178
43	Strong impacts of daily minimum temperature on the green-up date and summer greenness of the Tibetan Plateau. *Global Change Biology*, **2016**, 22, 3057-66	11.4	147
42	Temperature and snowfall trigger alpine vegetation green-up on the world's roof. *Global Change Biology*, **2015**, 21, 3635-46	11.4	121
41	Phenological responses of Ulmus pumila (Siberian Elm) to climate change in the temperate zone of China. *International Journal of Biometeorology*, **2012**, 56, 695-706	3.7	73
40	Assessing plant senescence reflectance index-retrieved vegetation phenology and its spatiotemporal response to climate change in the Inner Mongolian Grassland. *International Journal of Biometeorology*, **2017**, 61, 601-612	3.7	48
39	Relationships among phenological growing season, time-integrated normalized difference vegetation index and climate forcing in the temperate region of eastern China. *International Journal of Climatology*, **2002**, 22, 1781-1792	3.5	48
38	Modeling greenup date of dominant grass species in the Inner Mongolian Grassland using air temperature and precipitation data. *International Journal of Biometeorology*, **2014**, 58, 463-71	3.7	46
37	A new process-based model for predicting autumn phenology: How is leaf senescence controlled by photoperiod and temperature coupling?. *Agricultural and Forest Meteorology*, **2019**, 268, 124-135	5.8	36
36	Temperature controls on the spatial pattern of tree phenology in China's temperate zone. *Agricultural and Forest Meteorology*, **2012**, 154-155, 195-202	5.8	35
35	Little change in heat requirement for vegetation green-up on the Tibetan Plateau over the warming period of 1998–2012. *Agricultural and Forest Meteorology*, **2017**, 232, 650-658	5.8	33
34	Delayed response of spring phenology to global warming in subtropics and tropics. *Agricultural and Forest Meteorology*, **2017**, 234-235, 222-235	5.8	32
33	Assessing Performance of NDVI and NDVI3g in Monitoring Leaf Unfolding Dates of the Deciduous Broadleaf Forest in Northern China. *Remote Sensing*, **2013**, 5, 845-861	5	30
32	Antagonistic effects of growing season and autumn temperatures on the timing of leaf coloration in winter deciduous trees. *Global Change Biology*, **2018**, 24, 3537-3545	11.4	26
31	Regional unified model-based leaf unfolding prediction from 1960 to 2009 across northern China. *Global Change Biology*, **2013**, 19, 1275-84	11.4	24
30	Modeling and predicting spring land surface phenology of the deciduous broadleaf forest in northern China. *Agricultural and Forest Meteorology*, **2014**, 198-199, 33-41	5.8	23
29	Climatic Controls of the Spatial Patterns of Vegetation Phenology in Midlatitude Grasslands of the Northern Hemisphere. *Journal of Geophysical Research G: Biogeosciences*, **2018**, 123, 2323-2336	3.7	17
28	An Exploration of Terrain Effects on Land Surface Phenology across the Qinghai–Tibet Plateau Using Landsat ETM+ and OLI Data. *Remote Sensing*, **2018**, 10, 1069	5	14

27	Precipitation and Minimum Temperature are Primary Climatic Controls of Alpine Grassland Autumn Phenology on the Qinghai-Tibet Plateau. *Remote Sensing*, **2020**, 12, 431	5	14
26	Modelling leaf coloration dates over temperate China by considering effects of leafy season climate. *Ecological Modelling*, **2019**, 394, 34-43	3	12
25	Temperature and geographic attribution of change in the Taraxacum mongolicum growing season from 1990 to 2009 in eastern China's temperate zone. *International Journal of Biometeorology*, **2015**, 59, 1437-52	3.7	10
24	Comparison of spatial patterns of satellite-derived and ground-based phenology for the deciduous broadleaf forest of China. *Remote Sensing Letters*, **2013**, 4, 532-541	2.3	9
23	Analysing and simulating spatial patterns of crop yield in Guizhou Province based on artificial neural networks. *Progress in Physical Geography*, **2021**, 45, 33-52	3.5	7
22	Temporal coherence of phenological and climatic rhythmicity in Beijing. *International Journal of Biometeorology*, **2017**, 61, 1733-1748	3.7	6
21	Geographic and Climatic Attributions of Autumn Land Surface Phenology Spatial Patterns in the Temperate Deciduous Broadleaf Forest of China. *Remote Sensing*, **2019**, 11, 1546	5	6
20	Spatiotemporal Processes of Plant Phenology. *Springer Briefs in Geography*, **2017**,	0.4	6
19	Spatial modeling of the Ulmus pumila growing season in China□ temperate zone. *Science China Earth Sciences*, **2012**, 55, 656-664	4.6	6
18	Characterizing the Error and Bias of Remotely Sensed LAI Products: An Example for Tropical and Subtropical Evergreen Forests in South China. *Remote Sensing*, **2020**, 12, 3122	5	5
17	Why don't phenophase dates in the current year affect the same phenophase dates in the following year?. *International Journal of Biometeorology*, **2020**, 64, 1549-1560	3.7	2
16	Periodic Relations between Terrestrial Vegetation and Climate Factors across the Globe. *Remote Sensing*, **2020**, 12, 1805	5	2
15	Plant Phenology of Natural Landscape Dynamics. *Springer Briefs in Geography*, **2017**, 1-5	0.4	2
14	Assessing the relative importance of sunshine, temperature, precipitation, and spring phenology in regulating leaf senescence timing of herbaceous species in China. *Agricultural and Forest Meteorology*, **2022**, 313, 108770	5.8	2
13	Temporal Rhythmicity of Plant Phenology. *Springer Briefs in Geography*, **2017**, 7-15	0.4	1
12	Process-Based Simulation and Prediction of Plant Phenology Spatiotemporal Variations. *Springer Briefs in Geography*, **2017**, 45-66	0.4	1
11	Spatiotemporal Coupling Effects of Plant Phenology. *Springer Briefs in Geography*, **2017**, 91-96	0.4	1
10	Daily Temperature-Based Temporal and Spatial Modeling of Tree Phenology **2013**, 317-333		1

9	Examining spring phenological responses to temperature variations during different periods in subtropical and tropical China. *International Journal of Climatology*, **2021**, 41, E3208	3.5	1
8	Temperature-precipitation background affects spatial heterogeneity of spring phenology responses to climate change in northern grasslands (30°N-55°N). *Agricultural and Forest Meteorology*, **2022**, 315, 108816	5.8	0
7	Increasing Interspecific Difference of Alpine Herb Phenology on the Eastern Qinghai-Tibet Plateau.. *Frontiers in Plant Science*, **2022**, 13, 844971	6.2	0
6	Spatial Pattern of Plant Phenology. *Springer Briefs in Geography*, **2017**, 17-21	0.4	
5	Process-Based Spatiotemporal Simulation and Prediction of Remote Sensing Phenology. *Springer Briefs in Geography*, **2017**, 81-90	0.4	
4	Statistical Simulation of Plant Phenology Temporal Variation. *Springer Briefs in Geography*, **2017**, 23-33	0.4	
3	Statistical Simulation of Plant Phenology Spatial Variation. *Springer Briefs in Geography*, **2017**, 35-44	0.4	
2	Spatial and Temporal Validation of Remote Sensing Phenology. *Springer Briefs in Geography*, **2017**, 67-80	0.4	
1	Examining land surface phenology in the tropical moist forest eco-zone of South America. *International Journal of Biometeorology*, **2020**, 64, 1911-1922	3.7	