Xuehe Lu

List of Publications by Year
in descending order

21	659	687363 13	713466 21
papers	citations	h-index	g-index

21	21	21	1047
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estimating photosynthetic capacity from optimized Rubiscoâ€“chlorophyll relationships among vegetation types and under global change. Environmental Research Letters, 2022, 17, 014028.	5.2	7
2	Comparison analysis of global methane concentration derived from SCIAMACHY, AIRS, and GOSAT with surface station measurements. International Journal of Remote Sensing, 2021, 42, 1823-1840.	2.9	3
3	Regional CO₂ fluxes from 2010 to 2015 inferred from GOSAT XCO₂ retrievals using a new version of the Global Carbon Assimilation System. Atmospheric Chemistry and Physics, 2021, 21, 1963-1985.	4.9	23
4	Evaluation of Clumping Effects on the Estimation of Global Terrestrial Evapotranspiration. Remote Sensing, 2021, 13, 4075.	4.0	7
5	Considerable Uncertainties in Simulating Land Carbon Sinks Induced by Different Precipitation Products. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006524.	3.0	4
6	Maximum Carboxylation Rate Estimation With Chlorophyll Content as a Proxy of Rubisco Content. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005748.	3.0	19
7	Vegetation structural change since 1981 significantly enhanced the terrestrial carbon sink. Nature Communications, 2019, 10, 4259.	12.8	170
8	Temporal and spatial dynamics of phenology along the Northâ€“South Transect of Northeast Asia. International Journal of Remote Sensing, 2019, 40, 7922-7940.	2.9	10
9	Dry Particulate Nitrate Deposition in China. Environmental Science & Technology, 2017, 51, 5572-5581.	10.0	24
10	Ground Ammonia Concentrations over China Derived from Satellite and Atmospheric Transport Modeling. Remote Sensing, 2017, 9, 467.	4.0	30
11	A Review of Spatial Variation of Inorganic Nitrogen (N) Wet Deposition in China. PLoS ONE, 2016, 11, e0146051.	2.5	23
12	Satellite-based detection of bamboo expansion over the past 30 years in Mount Tianmushan, China. International Journal of Remote Sensing, 2016, 37, 2908-2922.	2.9	29
13	PM2.5 pollution is substantially affected by ammonia emissions in China. Environmental Pollution, 2016, 218, 86-94.	7.5	183
14	Estimating and source analysis of surface PM2.5 concentration in the Beijingâ€“Tianjinâ€“Hebei region based on MODIS data and air trajectories. International Journal of Remote Sensing, 2016, 37, 4799-4817.	2.9	14
15	A key study on spatial source distribution of PM2.5 based on the airflow trajectory model. International Journal of Remote Sensing, 2016, 37, 5864-5883.	2.9	2
16	Comparison analysis of global carbon monoxide concentration derived from SCIAMACHY, AIRS, and MOPITT. International Journal of Remote Sensing, 2016, 37, 5155-5175.	2.9	6
17	Estimating 40 years of nitrogen deposition in global biomes using the SCIAMACHY NO₂ column. International Journal of Remote Sensing, 2016, 37, 4964-4978.	2.9	7
18	Relationship between nitrogen deposition and LUCC and its impact on terrestrial ecosystem carbon budgets in China. Science China Earth Sciences, 2016, 59, 2285-2294.	5.2	14

#	Article	IF	Citations
19	Improvement of ecological geographic regionalization based on remote sensing and canonical correspondence analysis: A case study in China. Science China Earth Sciences, 2016, 59, 1745-1753.	5.2	14
20	The composition, seasonal variation, and potential sources of the atmospheric wet sulfur (S) and nitrogen (N) deposition in the southwest of China. Environmental Science and Pollution Research, 2016, 23, 6363-6375.	5.3	31
21	Spatial-Temporal Variations of Chlorophyll-a in the Adjacent Sea Area of the Yangtze River Estuary Influenced by Yangtze River Discharge. International Journal of Environmental Research and Public Health, 2015, 12, 5420-5438.	2.6	39