

Xuehe Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/439806/publications.pdf>

Version: 2024-02-01

21
papers

659
citations

687363

13
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1047
citing authors

#	ARTICLE	IF	CITATIONS
1	PM2.5 pollution is substantially affected by ammonia emissions in China. <i>Environmental Pollution</i> , 2016, 218, 86-94.	7.5	183
2	Vegetation structural change since 1981 significantly enhanced the terrestrial carbon sink. <i>Nature Communications</i> , 2019, 10, 4259.	12.8	170
3	Spatial-Temporal Variations of Chlorophyll-a in the Adjacent Sea Area of the Yangtze River Estuary Influenced by Yangtze River Discharge. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 5420-5438.	2.6	39
4	The composition, seasonal variation, and potential sources of the atmospheric wet sulfur (S) and nitrogen (N) deposition in the southwest of China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6363-6375.	5.3	31
5	Ground Ammonia Concentrations over China Derived from Satellite and Atmospheric Transport Modeling. <i>Remote Sensing</i> , 2017, 9, 467.	4.0	30
6	Satellite-based detection of bamboo expansion over the past 30 years in Mount Tianmushan, China. <i>International Journal of Remote Sensing</i> , 2016, 37, 2908-2922.	2.9	29
7	Dry Particulate Nitrate Deposition in China. <i>Environmental Science & Technology</i> , 2017, 51, 5572-5581.	10.0	24
8	A Review of Spatial Variation of Inorganic Nitrogen (N) Wet Deposition in China. <i>PLoS ONE</i> , 2016, 11, e0146051.	2.5	23
9	Regional CO ₂ fluxes from 2010 to 2015 inferred from GOSAT XCO ₂ retrievals using a new version of the Global Carbon Assimilation System. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 1963-1985.	4.9	23
10	Maximum Carboxylation Rate Estimation With Chlorophyll Content as a Proxy of Rubisco Content. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005748.	3.0	19
11	Estimating and source analysis of surface PM2.5 concentration in the Beijing-Tianjin-Hebei region based on MODIS data and air trajectories. <i>International Journal of Remote Sensing</i> , 2016, 37, 4799-4817.	2.9	14
12	Relationship between nitrogen deposition and LUCC and its impact on terrestrial ecosystem carbon budgets in China. <i>Science China Earth Sciences</i> , 2016, 59, 2285-2294.	5.2	14
13	Improvement of ecological geographic regionalization based on remote sensing and canonical correspondence analysis: A case study in China. <i>Science China Earth Sciences</i> , 2016, 59, 1745-1753.	5.2	14
14	Temporal and spatial dynamics of phenology along the North-South Transect of Northeast Asia. <i>International Journal of Remote Sensing</i> , 2019, 40, 7922-7940.	2.9	10
15	Estimating 40 years of nitrogen deposition in global biomes using the SCIAMACHY NO ₂ column. <i>International Journal of Remote Sensing</i> , 2016, 37, 4964-4978.	2.9	7
16	Evaluation of Clumping Effects on the Estimation of Global Terrestrial Evapotranspiration. <i>Remote Sensing</i> , 2021, 13, 4075.	4.0	7
17	Estimating photosynthetic capacity from optimized Rubisco-chlorophyll relationships among vegetation types and under global change. <i>Environmental Research Letters</i> , 2022, 17, 014028.	5.2	7
18	Comparison analysis of global carbon monoxide concentration derived from SCIAMACHY, AIRS, and MOPITT. <i>International Journal of Remote Sensing</i> , 2016, 37, 5155-5175.	2.9	6

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19	Considerable Uncertainties in Simulating Land Carbon Sinks Induced by Different Precipitation Products. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006524.	3.0	4
20	Comparison analysis of global methane concentration derived from SCIAMACHY, AIRS, and GOSAT with surface station measurements. <i>International Journal of Remote Sensing</i> , 2021, 42, 1823-1840.	2.9	3
21	A key study on spatial source distribution of PM2.5 based on the airflow trajectory model. <i>International Journal of Remote Sensing</i> , 2016, 37, 5864-5883.	2.9	2