

Qian Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

622
citations

840776

11
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

669
citing authors

#	ARTICLE	IF	CITATIONS
1	Influences of fractional vegetation cover on the spatial variability of canopy SIF from unmanned aerial vehicle observations. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 107, 102712.	2.8	2
2	Evergreen broadleaf greenness and its relationship with leaf flushing, aging, and water fluxes. <i>Agricultural and Forest Meteorology</i> , 2022, 323, 109060.	4.8	3
3	ChinaSpec: A Network for Long-Term Ground-Based Measurements of Solar-Induced Fluorescence in China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006042.	3.0	22
4	Ground-Based Multiangle Solar-Induced Chlorophyll Fluorescence Observation and Angular Normalization for Assessing Crop Productivity. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006082.	3.0	4
5	Evaluation of GPP over four forest plots using RAMI and UAV measurements. <i>International Journal of Digital Earth</i> , 2021, 14, 1433-1451.	3.9	5
6	Solar-induced chlorophyll fluorescence and its link to canopy photosynthesis in maize from continuous ground measurements. <i>Remote Sensing of Environment</i> , 2020, 236, 111420.	11.0	81
7	Assessing bi-directional effects on the diurnal cycle of measured solar-induced chlorophyll fluorescence in crop canopies. <i>Agricultural and Forest Meteorology</i> , 2020, 295, 108147.	4.8	43
8	Evaluating Multi-Angle Photochemical Reflectance Index and Solar-Induced Fluorescence for the Estimation of Gross Primary Production in Maize. <i>Remote Sensing</i> , 2020, 12, 2812.	4.0	6
9	Canopy structure explains the relationship between photosynthesis and sun-induced chlorophyll fluorescence in crops. <i>Remote Sensing of Environment</i> , 2020, 241, 111733.	11.0	183
10	Quantitative Assessment of the Impact of Human Activities on Terrestrial Net Primary Productivity in the Yangtze River Delta. <i>Sustainability</i> , 2020, 12, 1697.	3.2	8
11	Reduction of structural impacts and distinction of photosynthetic pathways in a global estimation of GPP from space-borne solar-induced chlorophyll fluorescence. <i>Remote Sensing of Environment</i> , 2020, 240, 111722.	11.0	83
12	Evaluation of Different Methods for Estimating the Fraction of Sunlit Leaves and Its Contribution for Photochemical Reflectance Index Utilization in a Coniferous Forest. <i>Remote Sensing</i> , 2019, 11, 1643.	4.0	4
13	Retrieving Leaf Chlorophyll Content by Incorporating Variable Leaf Surface Reflectance in the PROSPECT Model. <i>Remote Sensing</i> , 2019, 11, 1572.	4.0	10
14	Roles of Climate Change and Increasing CO ₂ in Driving Changes of Net Primary Productivity in China Simulated Using a Dynamic Global Vegetation Model. <i>Sustainability</i> , 2019, 11, 4176.	3.2	10
15	Simulating emission and scattering of solar-induced chlorophyll fluorescence at far-red band in global vegetation with different canopy structures. <i>Remote Sensing of Environment</i> , 2019, 233, 111373.	11.0	36
16	Comparison of Bi-Hemispherical and Hemispherical-Conical Configurations for In Situ Measurements of Solar-Induced Chlorophyll Fluorescence. <i>Remote Sensing</i> , 2019, 11, 2642.	4.0	16
17	The Effects of Sun-Viewer Geometry on Sun-Induced Fluorescence and Its Relationship with Gross Primary Production. , 2019, , .		4
18	Improving the PROSPECT Model to Consider Anisotropic Scattering of Leaf Internal Materials and Its Use for Retrieving Leaf Biomass in Fresh Leaves. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 3119-3136.	6.3	20

#	ARTICLE	IF	CITATIONS
19	Topographic Correction of Forest Image Data Based on the Canopy Reflectance Model for Sloping Terrains in Multiple Forward Mode. <i>Remote Sensing</i> , 2018, 10, 717.	4.0	15
20	Improving the ability of the photochemical reflectance index to track canopy light use efficiency through differentiating sunlit and shaded leaves. <i>Remote Sensing of Environment</i> , 2017, 194, 1-15.	11.0	42
21	Ability of the Photochemical Reflectance Index to Track Light Use Efficiency for a Sub-Tropical Planted Coniferous Forest. <i>Remote Sensing</i> , 2015, 7, 16938-16962.	4.0	24