Qian Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2806830/publications.pdf

Version: 2024-02-01

		840776	752698
21	622	11	20
papers	citations	h-index	g-index

24	24	24	669
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Canopy structure explains the relationship between photosynthesis and sun-induced chlorophyll fluorescence in crops. Remote Sensing of Environment, 2020, 241, 111733.	11.0	183
2	Reduction of structural impacts and distinction of photosynthetic pathways in a global estimation of GPP from space-borne solar-induced chlorophyll fluorescence. Remote Sensing of Environment, 2020, 240, 111722.	11.0	83
3	Solar-induced chlorophyll fluorescence and its link to canopy photosynthesis in maize from continuous ground measurements. Remote Sensing of Environment, 2020, 236, 111420.	11.0	81
4	Assessing bi-directional effects on the diurnal cycle of measured solar-induced chlorophyll fluorescence in crop canopies. Agricultural and Forest Meteorology, 2020, 295, 108147.	4.8	43
5	Improving the ability of the photochemical reflectance index to track canopy light use efficiency through differentiating sunlit and shaded leaves. Remote Sensing of Environment, 2017, 194, 1-15.	11.0	42
6	Simulating emission and scattering of solar-induced chlorophyll fluorescence at far-red band in global vegetation with different canopy structures. Remote Sensing of Environment, 2019, 233, 111373.	11.0	36
7	Ability of the Photochemical Reflectance Index to Track Light Use Efficiency for a Sub-Tropical Planted Coniferous Forest. Remote Sensing, 2015, 7, 16938-16962.	4.0	24
8	ChinaSpec: A Network for Longâ€Term Groundâ€Based Measurements of Solarâ€Induced Fluorescence in China. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006042.	3.0	22
9	Improving the PROSPECT Model to Consider Anisotropic Scattering of Leaf Internal Materials and Its Use for Retrieving Leaf Biomass in Fresh Leaves. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3119-3136.	6.3	20
10	Comparison of Bi-Hemispherical and Hemispherical-Conical Configurations for In Situ Measurements of Solar-Induced Chlorophyll Fluorescence. Remote Sensing, 2019, 11, 2642.	4.0	16
11	Topographic Correction of Forest Image Data Based on the Canopy Reflectance Model for Sloping Terrains in Multiple Forward Mode. Remote Sensing, 2018, 10, 717.	4.0	15
12	Retrieving Leaf Chlorophyll Content by Incorporating Variable Leaf Surface Reflectance in the PROSPECT Model. Remote Sensing, 2019, 11, 1572.	4.0	10
13	Roles of Climate Change and Increasing CO2 in Driving Changes of Net Primary Productivity in China Simulated Using a Dynamic Global Vegetation Model. Sustainability, 2019, 11, 4176.	3.2	10
14	Quantitative Assessment of the Impact of Human Activities on Terrestrial Net Primary Productivity in the Yangtze River Delta. Sustainability, 2020, 12, 1697.	3.2	8
15	Evaluating Multi-Angle Photochemical Reflectance Index and Solar-Induced Fluorescence for the Estimation of Gross Primary Production in Maize. Remote Sensing, 2020, 12, 2812.	4.0	6
16	Evaluation of GOFP over four forest plots using RAMI and UAV measurements. International Journal of Digital Earth, 2021, 14, 1433-1451.	3.9	5
17	Evaluation of Different Methods for Estimating the Fraction of Sunlit Leaves and Its Contribution for Photochemical Reflectance Index Utilization in a Coniferous Forest. Remote Sensing, 2019, 11, 1643.	4.0	4
18	The Effects of Sun-Viewer Geometry on Sun-Induced Fluorescence and Its Relationship with Gross Primary Production. , 2019, , .		4

#	Article	IF	Citations
19	Groundâ€Based Multiangle Solarâ€Induced Chlorophyll Fluorescence Observation and Angular Normalization for Assessing Crop Productivity. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006082.	3.0	4
20	Evergreen broadleaf greenness and its relationship with leaf flushing, aging, and water fluxes. Agricultural and Forest Meteorology, 2022, 323, 109060.	4.8	3
21	Influences of fractional vegetation cover on the spatial variability of canopy SIF from unmanned aerial vehicle observations. International Journal of Applied Earth Observation and Geoinformation, 2022, 107, 102712.	2.8	2