

Jie Zou

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

434
citations

933447

10
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of Covalent Organic Frameworks via Three-Component One-Pot Strecker and Povarov Reactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 6521-6526.	13.7	146
2	Woody-to-total area ratio determination with a multispectral canopy imager. <i>Tree Physiology</i> , 2009, 29, 1069-1080.	3.1	102
3	Homochiral Covalent Organic Frameworks for Asymmetric Catalysis. <i>Chemistry - A European Journal</i> , 2020, 26, 13754-13770.	3.3	48
4	Comparison of Five Slope Correction Methods for Leaf Area Index Estimation From Hemispherical Photography. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1958-1962.	3.1	19
5	Construction of acid-base bifunctional covalent organic frameworks via Doebner reaction for catalysing cascade reaction. <i>Chemical Communications</i> , 2022, 58, 2508-2511.	4.1	14
6	Fibrous Composites With Anisotropic Distribution of Mechanical Properties After Layer-by-Layer Deposition of Aligned Electrospun Fibers. <i>Advanced Engineering Materials</i> , 2010, 12, B529.	3.5	13
7	Estimation of Canopy and Woody Components Clumping Indices at Three Mature <i>Picea crassifolia</i> Forest Stands. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 1413-1422.	4.9	13
8	Comparison of Seven Inversion Models for Estimating Plant and Woody Area Indices of Leaf-on and Leaf-off Forest Canopy Using Explicit 3D Forest Scenes. <i>Remote Sensing</i> , 2018, 10, 1297.	4.0	13
9	A new method to estimate clumping index integrating gap fraction averaging with the analysis of gap size distribution. <i>Canadian Journal of Forest Research</i> , 2019, 49, 471-479.	1.7	13
10	OntoPlant: An integrated virtual plant software package for different scale applications. , 2011, , .		10
11	Evaluating the impact of sampling schemes on leaf area index measurements from digital hemispherical photography in <i>Larix principis-rupprechtii</i> forest plots. <i>Forest Ecosystems</i> , 2020, 7, .	3.1	10
12	Nitrification performance and bacterial community dynamics in a membrane bioreactor with elevated ammonia concentration: The combined inhibition effect of salinity, free ammonia and free nitrous acid on nitrification at high ammonia loading rates. <i>Science of the Total Environment</i> , 2022, 831, 154972.	8.0	10
13	Indirect Measurement of Forest Leaf Area Index Using Path Length Distribution Model and Multispectral Canopy Imager. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 2532-2539.	4.9	6
14	Evaluating Two Optical Methods of Woody-to-Total Area Ratio with Destructive Measurements at Five <i>Larix gmelinii</i> Rupr. Forest Plots in China. <i>Forests</i> , 2018, 9, 746.	2.1	6
15	Performance of Four Optical Methods in Estimating Leaf Area Index at Elementary Sampling Unit of <i>Larix principis-rupprechtii</i> Forests. <i>Forests</i> , 2020, 11, 30.	2.1	5
16	Estimating Needle and Shoot Inclination Angle Distributions and Projection Functions in Five <i>Larix principis-rupprechtii</i> Plots via Leveled Digital Camera Photography. <i>Forests</i> , 2021, 12, 30.	2.1	4
17	Frontispiece: Homochiral Covalent Organic Frameworks for Asymmetric Catalysis. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	2
18	A coupled architecture and physiology 3D growth model for young longan tree. , 2012, , .		0

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19	Indirect measurement of forest leaf area index using path length model and Multispectral Canopy Imager. , 2015, , .		0
20	Understanding the performance of terrestrial discrete-LIDAR for estimating the PAI of forest canopies using Monte-Carlo simulation method. , 2016, , .		0