Jie Zou

List of Publications by Year
in descending order

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 acid–base bifunctional covalent organic frameworks *via* Doebner reaction for catalysing cascade reaction. Chemical Communications, 2022, 58, 2508-2511.	4.1	14
2	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. Science of the Total Environment, 2022, 831, 154972.	8.0	10
3	Estimating Needle and Shoot Inclination Angle Distributions and Projection Functions in Five Larix principis-rupprechtii Plots via Leveled Digital Camera Photography. Forests, 2021, 12, 30.	2.1	4
4	Performance of Four Optical Methods in Estimating Leaf Area Index at Elementary Sampling Unit of Larix principis-rupprechtii Forests. Forests, 2020, 11, 30.	2.1	5
5	Frontispiece: Homochiral Covalent Organic Frameworks for Asymmetric Catalysis. Chemistry - A European Journal, 2020, 26, .	3.3	2
6	Construction of Covalent Organic Frameworks via Three-Component One-Pot Strecker and Povarov Reactions. Journal of the American Chemical Society, 2020, 142, 6521-6526.	13.7	146
7	Homochiral Covalent Organic Frameworks for Asymmetric Catalysis. Chemistry - A European Journal, 2020, 26, 13754-13770.	3.3	48
8	Evaluating the impact of sampling schemes on leaf area index measurements from digital hemispherical photography in Larix principis-rupprechtii forest plots. Forest Ecosystems, 2020, 7, .	3.1	10
9	A new method to estimate clumping index integrating gap fraction averaging with the analysis of gap size distribution. Canadian Journal of Forest Research, 2019, 49, 471-479.	1.7	13
10	Evaluating Two Optical Methods of Woody-to-Total Area Ratio with Destructive Measurements at Five Larix gmelinii Rupr. Forest Plots in China. Forests, 2018, 9, 746.	2.1	6
11	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. Remote Sensing, 2018, 10, 1297.	4.0	13
12	Understanding the performance of terrestrial discrete-LIDAR for estimating the PAI of forest canopies using Monte-Carlo simulation method. , 2016, , .		0
13	Indirect Measurement of Forest Leaf Area Index Using Path Length Distribution Model and Multispectral Canopy Imager. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2532-2539.	4.9	6
14	Indirect measurement of forest leaf area index using path length model and Multispectral Canopy Imager. , 2015, , .		0
15	Comparison of Five Slope Correction Methods for Leaf Area Index Estimation From Hemispherical Photography. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1958-1962.	3.1	19
16	Estimation of Canopy and Woody Components Clumping Indices at Three Mature *Picea crassifolia* Forest Stands. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1413-1422.	4.9	13
17	A coupled architecture and physiology 3D growth model for young longan tree. , 2012, , .		0
18	OntoPlant: An integrated virtual plant software package for different scale applications. , 2011, , .		10

#	Article	IF	Citations
19	Fibrous Composites With Anisotropic Distribution of Mechanical Properties After Layer‐by‐Layer Deposition of Aligned Electrospun Fibers. Advanced Engineering Materials, 2010, 12, B529.	3.5	13
20	Woody-to-total area ratio determination with a multispectral canopy imager. Tree Physiology, 2009, 29, 1069-1080.	3.1	102