

Wei-Sheng Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Development of Mixed-Effects Individual-Tree Diameter Increment Model for <i>Casuarina Equisetifolia</i> Considering the Effects of Tree-Size Diversity, Tree Density Reduction, and Climate. <i>Journal of Sustainable Forestry</i> , 2023, 42, 553-572.	1.4	0
2	Climate Change Effects on Height–Diameter Allometric Relationship Vary with Tree Species and Size for Larch Plantations in Northern and Northeastern China. <i>Forests</i> , 2022, 13, 468.	2.1	3
3	Relationship between the geographical environment and the forest carbon sink capacity in China based on an individual-tree growth-rate model. <i>Ecological Indicators</i> , 2022, 138, 108814.	6.3	12
4	Quantifying the Effects of Stand and Climate Variables on Biomass of Larch Plantations Using Random Forests and National Forest Inventory Data in North and Northeast China. <i>Sustainability</i> , 2022, 14, 5580.	3.2	5
5	Effect of Climate on Carbon Storage Growth Models for Three Major Coniferous Plantations in China Based on National Forest Inventory Data. <i>Forests</i> , 2022, 13, 882.	2.1	2
6	A climate-sensitive transition matrix growth model for uneven-aged mixed-species oak forests in North China. <i>Forestry</i> , 2021, 94, 258-277.	2.3	10
7	Developing national and regional individual tree biomass models and analyzing impact of climatic factors on biomass estimation for poplar plantations in China. <i>Trees - Structure and Function</i> , 2021, 35, 93-102.	1.9	9
8	Development of Crown Ratio and Height to Crown Base Models for Masson Pine in Southern China. <i>Forests</i> , 2020, 11, 1216.	2.1	9
9	Development of a Mixed-Effects Individual-Tree Basal Area Increment Model for Oaks (<i>Quercus</i> spp.) Considering Forest Structural Diversity. <i>Forests</i> , 2019, 10, 474.	2.1	28
10	Developing individual tree-based models for estimating aboveground biomass of five key coniferous species in China. <i>Journal of Forestry Research</i> , 2018, 29, 1251-1261.	3.6	14
11	Individual tree biomass equations and growth models sensitive to climate variables for <i>Larix</i> spp. in China. <i>European Journal of Forest Research</i> , 2017, 136, 233-249.	2.5	65
12	Integrating regional climate change into allometric equations for estimating tree aboveground biomass of Masson pine in China. <i>Annals of Forest Science</i> , 2017, 74, 1.	2.0	31
13	Uncertainty assessment in aboveground biomass estimation at the regional scale using a new method considering both sampling error and model error. <i>Canadian Journal of Forest Research</i> , 2017, 47, 1095-1103.	1.7	9
14	A management tool for reducing the potential risk of windthrow for coastal <i>Casuarina equisetifolia</i> L. stands on Hainan Island, China. <i>European Journal of Forest Research</i> , 2017, 136, 543-554.	2.5	8
15	Construction of compatible and additive individual-tree biomass models for <i>Pinus tabulaeformis</i> in China. <i>Canadian Journal of Forest Research</i> , 2017, 47, 467-475.	1.7	32
16	Individual Tree Biomass Models to Estimate Forest Biomass for Large Spatial Regions Developed Using Four Pine Species in China. <i>Forest Science</i> , 2017, 63, 241-249.	1.0	16
17	Comparison and Evaluation of Three Methods for Estimating Forest above Ground Biomass Using TM and GLAS Data. <i>Remote Sensing</i> , 2017, 9, 341.	4.0	44
18	Does the Slope of the Self-thinning Line Remain a Constant Value across Different Site Qualities? An Implication for Plantation Density Management. <i>Forests</i> , 2017, 8, 355.	2.1	14

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19	Developing Aboveground Biomass Equations Both Compatible with Tree Volume Equations and Additive Systems for Single-Trees in Poplar Plantations in Jiangsu Province, China. <i>Forests</i> , 2016, 7, 32.	2.1	16
20	Spatial Heterogeneity of Climate Change Effects on Dominant Height of Larch Plantations in Northern and Northeastern China. <i>Forests</i> , 2016, 7, 151.	2.1	5
21	Height-diameter equations for larch plantations in northern and northeastern China: a comparison of the mixed-effects, quantile regression and generalized additive models. <i>Forestry</i> , 2016, 89, 434-445.	2.3	36
22	Modeling Crown Biomass for Four Pine Species in China. <i>Forests</i> , 2015, 6, 433-449.	2.1	26
23	Using nonlinear mixed model and dummy variable model approaches to develop origin-based individual tree biomass equations. <i>Trees - Structure and Function</i> , 2015, 29, 275-283.	1.9	33
24	Integrated individual tree biomass simultaneous equations for two larch species in northeastern and northern China. <i>Scandinavian Journal of Forest Research</i> , 2015, 30, 594-604.	1.4	27
25	The national forest inventory in China: history - results - international context. <i>Forest Ecosystems</i> , 2015, 2, .	3.1	74
26	Calorific values and ash contents of different parts of Masson pine trees in southern China. <i>Journal of Forestry Research</i> , 2014, 25, 779-786.	3.6	21
27	Generic linear mixed-effects individual-tree biomass models for <i>Pinus massoniana</i> in southern China. <i>Southern Forests</i> , 2014, 76, 47-56.	0.7	19
28	Development of monitoring and assessment of forest biomass and carbon storage in China. <i>Forest Ecosystems</i> , 2014, 1, .	3.1	18
29	Construction of tree volume equations for Chinese fir plantations in Guizhou Province, southwestern China. <i>Forest Science and Practice</i> , 2013, 15, 179-185.	0.2	2
30	Modeling compatible single-tree aboveground biomass equations for masson pine (<i>Pinus massoniana</i>) in southern China. <i>Journal of Forestry Research</i> , 2012, 23, 593-598.	3.6	31