Yoshio Awaya

List of Publications by Year
in descending order

20	408	933447 10	888059 17
papers	citations	h-index	g-index

20	20	20	694
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integration of electron flow partitioning improves estimation of photosynthetic rate under various environmental conditions based on chlorophyll fluorescence. Remote Sensing of Environment, 2021, 254, 112273.	11.0	5
2	Analysis and Prediction of Gap Dynamics in a Secondary Deciduous Broadleaf Forest of Central Japan Using Airborne Multi-LiDAR Observations. Remote Sensing, 2021, 13, 100.	4.0	2
3	Estimation of Leaf Area Index in a Mountain Forest of Central Japan with a 30-m Spatial Resolution Based on Landsat Operational Land Imager Imagery: An Application of a Simple Model for Seasonal Monitoring. Remote Sensing, 2018, 10, 179.	4.0	13
4	Evaluating the Differences in Modeling Biophysical Attributes between Deciduous Broadleaved and Evergreen Conifer Forests Using Low-Density Small-Footprint LiDAR Data. Remote Sensing, 2017, 9, 572.	4.0	7
5	Stand Volume Estimation Using the k-NN Technique Combined with Forest Inventory Data, Satellite Image Data and Additional Feature Variables. Remote Sensing, 2015, 7, 378-394.	4.0	20
6	Spatial and Temporal Analysis of Probabilities for Acquiring Cloud-free Optical Sensor Images Using MODIS Cloud Mask Products 2000-2008 in Southeast Asia. Journal of Forest Planning, 2014, 19, 43-51.	0.1	1
7	Estimation of fuel mass and its loss during a forest fire in peat swamp forests of Central Kalimantan, Indonesia. Forest Ecology and Management, 2014, 314, 1-8.	3.2	15
8	i-LOVE: ISS-JEM lidar for observation of vegetation environment. , 2012, , .		1
9	Practicalities of Non-Destructive Methodologies in Monitoring Anthropogenic Greenhouse Gas Emissions from Tropical Forests under the Influence of Human Intervention. Japan Agricultural Research Quarterly, 2011, 45, 233-242.	0.4	10
10	Estimating Diameter at Breast Height from Measurements of Illegally Logged Stumps in Cambodian Lowland Dry Evergreen Forest. Japan Agricultural Research Quarterly, 2010, 44, 435-446.	0.4	3
11	Mixed-power scaling of whole-plant respiration from seedlings to giant trees. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1447-1451.	7.1	173
12	Stand volume estimation by combining low laser-sampling density LiDAR data with QuickBird panchromatic imagery in closed-canopy Japanese cedar (Cryptomeria japonica) plantations. International Journal of Remote Sensing, 2010, 31, 1281-1301.	2.9	32
13	Responses of a beech (Fagus crenata Blume) stand to late spring frost damage in Morioka, Japan. Forest Ecology and Management, 2009, 257, 2359-2369.	3.2	23
14	Effects of thinning and site productivity on culmination of stand growth: results from long-term monitoring experiments in Japanese cedar (Cryptomeria japonica D. Don) forests in northeastern Japan. Journal of Forest Research, 2008, 13, 264-274.	1.4	20
15	Chapter 16 Global Mapping of Net Primary Production. Elsevier Oceanography Series, 2007, 73, 383-512.	0.1	0
16	Chapter 15 Terrestrial Net Primary Production (NPP) Estimation Using NOAA Satellite Imagery: Inter-annual Changes between 1982 and 1999. Elsevier Oceanography Series, 2007, , 361-507.	0.1	0
17	Estimation of the global net primary productivity using NOAA images and meteorological data: changes between 1988 and 1993. International Journal of Remote Sensing, 2004, 25, 1597-1613.	2.9	27
18	Seasonal patterns of canopy structure, biochemistry and spectral reflectance in a broad-leaved deciduous Fagus crenata canopy. Forest Ecology and Management, 2002, 167, 233-249.	3.2	42

#	Article	IF	Citations
19	Stand Parameter Estimation of Artificial Evergreen Conifer Forests Using Airborne Images: An Evaluation of Seasonal Difference on Accuracy and Best Wavelength. Journal of Forest Research, 2000, 5, 247-258.	1.4	4
20	Seasonal Spectral Changes in Cool Temperate Forests: An analysis using Landsat TM Images.. Journal of the Japan Society of Photogrammetry and Remote Sensing, 1999, 38, 35-46.	0.0	10