

Yoshio Aways

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

408
citations

933447

10
h-index

888059

17
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20
all docs

20
docs citations

20
times ranked

694
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | Seasonal patterns of canopy structure, biochemistry and spectral reflectance in a broad-leaved deciduous <i>Fagus crenata</i> canopy. Forest Ecology and Management, 2002, 167, 233-249. | 3.2 | 42 |
| 3 | Stand volume estimation by combining low laser-sampling density LiDAR data with QuickBird panchromatic imagery in closed-canopy Japanese cedar (<i>Cryptomeria japonica</i>) plantations. International Journal of Remote Sensing, 2010, 31, 1281-1301. | 2.9 | 32 |
| 4 | 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 |
| 5 | Responses of a beech (<i>Fagus crenata</i> Blume) stand to late spring frost damage in Morioka, Japan. Forest Ecology and Management, 2009, 257, 2359-2369. | 3.2 | 23 |
| 6 | Effects of thinning and site productivity on culmination of stand growth: results from long-term monitoring experiments in Japanese cedar (<i>Cryptomeria japonica</i> D. Don) forests in northeastern Japan. Journal of Forest Research, 2008, 13, 264-274. | 1.4 | 20 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | i-LOVE: ISS-JEM lidar for observation of vegetation environment. , 2012, , . | | 1 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Chapter 16 Global Mapping of Net Primary Production. Elsevier Oceanography Series, 2007, 73, 383-512. | 0.1 | 0 |
| 20 | 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 |