

Woo-Kyun Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160
papers

1,767
citations

20
h-index

34
g-index

171
ext. papers

2,257
ext. citations

2.8
avg, IF

4.98
L-index

#	Paper	IF	Citations
160	Effects of Forest and Agriculture Land Covers on Organic Carbon Flux Mediated through Precipitation. <i>Water (Switzerland)</i> , 2022 , 14, 623	3	1
159	Can a national afforestation plan achieve simultaneous goals of biodiversity and carbon enhancement? Exploring optimal decision making using multi-spatial modeling. <i>Biological Conservation</i> , 2022 , 267, 109474	6.2	2
158	Development of earth observational diagnostic drought prediction model for regional error calibration: A case study on agricultural drought in Kyrgyzstan. <i>GIScience and Remote Sensing</i> , 2022 , 59, 36-53	4.8	2
157	Evaluation on Forest Cooperation Feasibility using a REDD+ Strategic System in Vietnam. <i>Journal of Climate Change Research</i> , 2022 , 13, 167-187	0.3	0
156	Analysis and Evaluation of A/R CDM Projects in India for Abroad Afforestation Project. <i>Journal of Climate Change Research</i> , 2021 , 12, 443-460	0.3	
155	How Do Nature-Based Solutions Improve Environmental and Socio-Economic Resilience to Achieve the Sustainable Development Goals? Reforestation and Afforestation Cases from the Republic of Korea. <i>Sustainability</i> , 2021 , 13, 12171	3.6	1
154	Evaluation and Comparison of Satellite-Derived Estimates of Rainfall in the Diverse Climate and Terrain of Central and Northeastern Ethiopia. <i>Remote Sensing</i> , 2021 , 13, 1275	5	4
153	Forest management can mitigate negative impacts of climate and land-use change on plant biodiversity: Insights from the Republic of Korea. <i>Journal of Environmental Management</i> , 2021 , 288, 112400	7.9	6
152	Assessing Climate Change Impact on Cropland Suitability in Kyrgyzstan: Where Are Potential High-Quality Cropland and the Way to the Future. <i>Agronomy</i> , 2021 , 11, 1490	3.6	2
151	Conservation, Restoration, and Sustainable Use of Biodiversity Based on Habitat Quality Monitoring: A Case Study on Jeju Island, South Korea (1989-2019). <i>Land</i> , 2021 , 10, 774	3.5	7
150	Spatiotemporal multi-index analysis of desertification in dry Afromontane forests of northern Ethiopia. <i>Environment, Development and Sustainability</i> , 2021 , 23, 423-450	4.5	9
149	Inferring the potential impact of human activities on evapotranspiration in the Tumen River Basin based on LANDSAT imagery and historical statistics. <i>Land Degradation and Development</i> , 2021 , 32, 926-935	4.4	2
148	Enhancing the provisioning of ecosystem services in South Korea under climate change: The benefits and pitfalls of current forest management strategies. <i>Regional Environmental Change</i> , 2021 , 21, 1	4.3	4
147	Analysis of Developmental Chronology of South Korean Compressed Growth as a Reference from Sustainable Development Perspectives. <i>Sustainability</i> , 2021 , 13, 1905	3.6	
146	Developing spatial agricultural drought risk index with controllable geo-spatial indicators: A case study for South Korea and Kazakhstan. <i>International Journal of Disaster Risk Reduction</i> , 2021 , 54, 102056	4.5	7
145	Integrating Satellite Rainfall Estimates with Hydrological Water Balance Model: Rainfall-Runoff Modeling in Awash River Basin, Ethiopia. <i>Water (Switzerland)</i> , 2021 , 13, 800	3	3
144	Phenological Classification Using Deep Learning and the Sentinel-2 Satellite to Identify Priority Afforestation Sites in North Korea. <i>Remote Sensing</i> , 2021 , 13, 2946	5	2

143	Comparative Analysis on the Sequestration of CO ₂ Depending on Spatial Ranges for Estimating Greenhouse Gas Inventory in Settlement : In Case of Seoul. <i>Journal of Climate Change Research</i> , 2021 , 12, 767-776	0.3	0
142	Developing UAV-Based Forest Spatial Information and Evaluation Technology for Efficient Forest Management. <i>Sustainability</i> , 2020 , 12, 10150	3.6	1
141	Applicability Analysis of Vegetation Condition and Dryness for Sand and Dust Storm (SDS) Risk Reduction in SDS Source and Receptor Region. <i>Sustainability</i> , 2020 , 12, 7256	3.6	0
140	Identifying potential vegetation establishment areas on the dried Aral Sea floor using satellite images. <i>Land Degradation and Development</i> , 2020 , 31, 2749-2762	4.4	8
139	Land Use and Land Cover Change Detection and Prediction in the Kathmandu District of Nepal Using Remote Sensing and GIS. <i>Sustainability</i> , 2020 , 12, 3925	3.6	37
138	Developing an Adaptive Pathway to Mitigate Air Pollution Risk for Vulnerable Groups in South Korea. <i>Sustainability</i> , 2020 , 12, 1790	3.6	4
137	Species- and elevation-dependent productivity changes in East Asian temperate forests. <i>Environmental Research Letters</i> , 2020 , 15, 034012	6.2	1
136	Deep Learning Applications on Multitemporal SAR (Sentinel-1) Image Classification Using Confined Labeled Data: The Case of Detecting Rice Paddy in South Korea. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 7589-7601	8.1	12
135	Development of Forest Activity Data and Forest Management Rate for National Greenhouse Gas Inventory in the Forest Sector. <i>Journal of Climate Change Research</i> , 2020 , 11, 53-63	0.3	1
134	Status of Spatial Data Construction for Climate Change Mitigation and Adaptation in Central Asia. <i>Journal of Climate Change Research</i> , 2020 , 11, 329-342	0.3	
133	Pilot Study and Development of Activity Data for Greenhouse Gas Inventory of Settlement Categories in Korea: A Case of Incheon Seo-gu. <i>Journal of Climate Change Research</i> , 2020 , 11, 187-196	0.3	1
132	Potential Distribution of Endangered Coniferous Tree Species under Climate Change. <i>Journal of Climate Change Research</i> , 2020 , 11, 215-226	0.3	1
131	Green Infrastructure Planning for Urban Flood Damage Reduction based on an Optimal Surface Runoff Network. <i>Journal of Climate Change Research</i> , 2020 , 11, 739-753	0.3	0
130	Analysis on Inter-linkage between Korean-Sustainable Development Goals (K-SDGs) and Major Forest Policies and Plans. <i>Journal of Climate Change Research</i> , 2020 , 11, 583-596	0.3	1
129	Risk hotspot of chemical accidents based on spatial analysis in Ulsan, South Korea. <i>Safety Science</i> , 2020 , 123, 104544	5.8	1
128	Determining economically viable forest management option with consideration of ecosystem services in Korea: A strategy after successful national forestation. <i>Ecosystem Services</i> , 2020 , 41, 101053	6.1	5
127	Understanding global spatio-temporal trends and the relationship between vegetation greenness and climate factors by land cover during 1982-2014. <i>Global Ecology and Conservation</i> , 2020 , 24, e01299	2.8	8
126	Rainfall Characterization and Trend Analysis of Wet Spell Length across Varied Landscapes of the Upper Awash River Basin, Ethiopia. <i>Sustainability</i> , 2020 , 12, 9221	3.6	5

125	Spatial and Temporal Analysis of Dry and Wet Spells in Upper Awash River Basin, Ethiopia. <i>Water (Switzerland)</i> , 2020 , 12, 3051	3	4
124	Understanding global PM2.5 concentrations and their drivers in recent decades (1998-2016). <i>Environment International</i> , 2020 , 144, 106011	12.9	32
123	Sustainable Water Security Based on the SDG Framework: A Case Study of the 2019 Metro Manila Water Crisis. <i>Sustainability</i> , 2020 , 12, 6860	3.6	3
122	Assessment of Agricultural Drought Considering the Hydrological Cycle and Crop Phenology in the Korean Peninsula. <i>Water (Switzerland)</i> , 2019 , 11, 1105	3	13
121	Multi-Temporal Analysis of Forest Fire Probability Using Socio-Economic and Environmental Variables. <i>Remote Sensing</i> , 2019 , 11, 86	5	39
120	Hydrological Response of Dry Afromontane Forest to Changes in Land Use and Land Cover in Northern Ethiopia. <i>Remote Sensing</i> , 2019 , 11, 1905	5	7
119	Quantifying Impacts of National-Scale Afforestation on Carbon Budgets in South Korea from 1961 to 2014. <i>Forests</i> , 2019 , 10, 579	2.8	9
118	Socio-Ecological Niche and Factors Affecting Agroforestry Practice Adoption in Different Agroecologies of Southern Tigray, Ethiopia. <i>Sustainability</i> , 2019 , 11, 3729	3.6	17
117	A Holistic View of Soils in Delivering Ecosystem Services in Forests: A Case Study in South Korea. <i>Forests</i> , 2019 , 10, 487	2.8	4
116	Can satellite-based data substitute for surveyed data to predict the spatial probability of forest fire? A geostatistical approach to forest fire in the Republic of Korea. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 719-739	3.6	19
115	Decoupling of forest water supply and agricultural water demand attributable to deforestation in North Korea. <i>Journal of Environmental Management</i> , 2019 , 248, 109256	7.9	14
114	Assessing Forest Ecosystems across the Vertical Edge of the Mid-Latitude Ecotone Using the BioGeoChemistry Management Model (BGC-MAN). <i>Forests</i> , 2019 , 10, 523	2.8	5
113	Assessing Socio-Economic Impacts of Agricultural Subsidies: A Case Study from Bhutan. <i>Sustainability</i> , 2019 , 11, 3266	3.6	5
112	Assessing environmentally sensitive land to desertification using MEDALUS method in Mongolia. <i>Forest Science and Technology</i> , 2019 , 15, 210-220	1.5	13
111	Sustainable Management of Carbon Sequestration Service in Areas with High Development Pressure: Considering Land Use Changes and Carbon Costs. <i>Sustainability</i> , 2019 , 11, 5116	3.6	2
110	Estimating the Carbon Dioxide Emission in Jeju Ecotourism. <i>Journal of Climate Change Research</i> , 2019 , 10, 79-87	0.3	
109	Growth and carbon storage of black saxaul in afforested areas of the Aralkum Desert. <i>Hangug Hwangyeong Saengmul Haghoeji</i> , 2019 , 37, 618-624	0.3	2
108	Drought monitoring of the wetland in the Tumen River Basin between 1991 and 2016 using Landsat TM/ETM+. <i>International Journal of Remote Sensing</i> , 2019 , 40, 1445-1459	3.1	7

107	Economic viability of the national-scale forestation program: The case of success in the Republic of Korea. <i>Ecosystem Services</i> , 2018 , 29, 40-46	6.1	25
106	Chemical accident hazard assessment by spatial analysis of chemical factories and accident records in South Korea. <i>International Journal of Disaster Risk Reduction</i> , 2018 , 27, 37-47	4.5	14
105	Assessing Climate Change Impact on Forest Habitat Suitability and Diversity in the Korean Peninsula. <i>Forests</i> , 2018 , 9, 259	2.8	20
104	Hyperspectral Analysis of Pine Wilt Disease to Determine an Optimal Detection Index. <i>Forests</i> , 2018 , 9, 115	2.8	27
103	Spatially Explicit Assessment of Agricultural Water Equilibrium in the Korean Peninsula. <i>Sustainability</i> , 2018 , 10, 201	3.6	8
102	Restoration Plan for Degraded Forest in The Democratic People’s Republic of Korea Considering Suitable Tree Species and Spatial Distribution. <i>Sustainability</i> , 2018 , 10, 856	3.6	5
101	Long-term trend of and correlation between vegetation greenness and climate variables in Asia based on satellite data. <i>MethodsX</i> , 2018 , 5, 803-807	1.9	5
100	Estimation of Future Land Cover Considering Shared Socioeconomic Pathways using Scenario Generators. <i>Journal of Climate Change Research</i> , 2018 , 9, 223-234	0.3	3
99	A Study on Development of Small Sensor Observation System Based on IoT Using Drone. <i>Journal of Environmental Science International</i> , 2018 , 27, 1155-1167	0.2	1
98	Analysis of Design Elements and Barriers to Link the Emission Trading Systems between the Republic of Korea and China. <i>Journal of Climate Change Research</i> , 2018 , 9, 471-485	0.3	1
97	Comparison of Sampling and Wall-to-Wall Methodologies for Reporting the GHG Inventory of the LULUCF Sector in Korea. <i>Journal of Climate Change Research</i> , 2018 , 9, 385-398	0.3	9
96	Long-term trend and correlation between vegetation greenness and climate variables in Asia based on satellite data. <i>Science of the Total Environment</i> , 2018 , 618, 1089-1095	10.2	77
95	Forest structure and carbon dynamics of an intact lowland mixed dipterocarp forest in Brunei Darussalam. <i>Journal of Forestry Research</i> , 2018 , 29, 199-203	2	1
94	Integrated Approaches for National Ecosystem Assessment in South Korea. <i>KSCE Journal of Civil Engineering</i> , 2018 , 22, 1634-1641	1.9	5
93	Development of a Screening Method for Health Hazard Ranking and Scoring of Chemicals Using the Mahalanobis-Taguchi System. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	6
92	Development of an Integrated DBH Estimation Model Based on Stand and Climatic Conditions. <i>Forests</i> , 2018 , 9, 155	2.8	7
91	Modeling stand-level mortality based on maximum stem number and seasonal temperature. <i>Forest Ecology and Management</i> , 2017 , 386, 37-50	3.9	18
90	Analysis and prediction of the spatial distribution of EPT (Ephemeroptera, Plecoptera, and Trichoptera) assemblages in the Han River watershed in Korea. <i>Journal of Asia-Pacific Entomology</i> , 2017 , 20, 613-625	1.4	3

89	Application of CASI Hyperspectral Image to Analysis of the Distribution of Hydrogen-Fluoride-Damaged Vegetation in Gumi, Korea 2017 , 45, 317-326		2
88	Assessing the impacts of topographic and climatic factors on radial growth of major forest forming tree species of South Korea. <i>Forest Ecology and Management</i> , 2017 , 404, 269-279	3.9	10
87	An assessment of climate change impacts and adaptation in South Asian agriculture. <i>International Journal of Climate Change Strategies and Management</i> , 2017 , 9, 517-534	3.9	14
86	Responses of Agroecosystems to Climate Change: Specifics of Resilience in the Mid-Latitude Region. <i>Sustainability</i> , 2017 , 9, 1361	3.6	9
85	Correlation between Desertification and Environmental Variables Using Remote Sensing Techniques in Hogno Khaan, Mongolia. <i>Sustainability</i> , 2017 , 9, 581	3.6	11
84	Effect of National-Scale Afforestation on Forest Water Supply and Soil Loss in South Korea, 1971-2010. <i>Sustainability</i> , 2017 , 9, 1017	3.6	30
83	Estimation of the Virtual Water Content of Main Crops on the Korean Peninsula Using Multiple Regional Climate Models and Evapotranspiration Methods. <i>Sustainability</i> , 2017 , 9, 1172	3.6	13
82	Classification of Global Land Development Phases by Forest and GDP Changes for Appropriate Land Management in the Mid-Latitude. <i>Sustainability</i> , 2017 , 9, 1342	3.6	4
81	Impact of Deforestation on Agro-Environmental Variables in Cropland, North Korea. <i>Sustainability</i> , 2017 , 9, 1354	3.6	14
80	Climate Change Impact on Korean Forest and Forest Management Strategies. <i>Hangug Hwangyeong Saengmul Haghoeji</i> , 2017 , 35, 413-425	0.3	5
79	Applicability Analysis of FAO56 Penman-Monteith Methodology for Estimating Potential Evapotranspiration in Andong Dam Watershed Using Limited Meteorological Data. <i>Journal of Climate Change Research</i> , 2017 , 8, 125-143	0.3	5
78	Analysis on the Linkage between SDGs Framework and Forest Policy in Korea. <i>Journal of Climate Change Research</i> , 2017 , 8, 425-442	0.3	3
77	Assessment of land cover change and desertification using remote sensing technology in a local region of Mongolia. <i>Advances in Space Research</i> , 2016 , 57, 64-77	2.4	77
76	Estimation of future carbon budget with climate change and reforestation scenario in North Korea. <i>Advances in Space Research</i> , 2016 , 58, 1002-1016	2.4	9
75	Spatial assessment of ecosystem functions and services for air purification of forests in South Korea. <i>Environmental Science and Policy</i> , 2016 , 63, 27-34	6.2	24
74	Development on Crop Yield Forecasting Model for Major Vegetable Crops using Meteorological Information of Main Production Area. <i>Journal of Climate Change Research</i> , 2016 , 7, 193	0.3	6
73	Education Programs in Public Children's Gardens in the United States. <i>HortTechnology</i> , 2016 , 26, 70-82	1.3	1
72	Detecting Individual Tree Position and Height Using Airborne LiDAR Data in Chollipo Arboretum, South Korea. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2016 , 27, 593	1.8	2

71	Assessing Effects of Shortening Final Cutting Age on Future CO ₂ Absorption of Forest in Korea. <i>Journal of Climate Change Research</i> , 2016 , 7, 157	0.3	3
70	The Relationship between Stand Mean DBH and Temperature at a Watershed Scale: The Case of Andong-dam Basin. <i>Korean Journal of Agricultural and Forest Meteorology</i> , 2016 , 18, 287-297		
69	Estimation of Voxel-Based Above-Ground Biomass Using Airborne LiDAR Data in an Intact Tropical Rain Forest, Brunei. <i>Forests</i> , 2016 , 7, 259	2.8	12
68	Impact of thinning intensity on the diameter and height growth of <i>Larix kaempferi</i> stands in central Korea. <i>Forest Science and Technology</i> , 2016 , 12, 77-87	1.5	14
67	Assessing vulnerability of forests to climate change in South Korea. <i>Journal of Forestry Research</i> , 2016 , 27, 489-503	2	15
66	Selecting and applying quantification models for ecosystem services to forest ecosystems in South Korea. <i>Journal of Forestry Research</i> , 2016 , 27, 1373-1384	2	1
65	Spatio-temporal change in forest cover and carbon storage considering actual and potential forest cover in South Korea. <i>Science China Life Sciences</i> , 2015 , 58, 713-23	8.5	14
64	Monitoring of Vegetation Dynamics in the Mongolia Using MODIS NDVIs and their Relationship to Rainfall by Natural Zone 2015 , 43, 325-337		19
63	Small-scale spatial variability of soil properties in a Korean swamp. <i>Landscape and Ecological Engineering</i> , 2015 , 11, 303-312	2	7
62	Studying Air Pollutants Origin and Associated Meteorological Parameters over Seoul from 2000 to 2009. <i>Advances in Meteorology</i> , 2015 , 2015, 1-12	1.7	9
61	Habitat Quality Valuation Using InVEST Model in Jeju Island. <i>Journal of the Korea Society of Environmental Restoration Technology</i> , 2015 , 18, 1-11		8
60	Assessing the EPIC Model for Estimation of Future Crops Yield in South Korea. <i>Journal of Climate Change Research</i> , 2015 , 6, 21	0.3	8
59	Assessment of Drought Severity on Cropland in Korea Peninsula using Normalized Precipitation Evapotranspiration Index (NPEI). <i>Journal of Climate Change Research</i> , 2015 , 6, 223	0.3	9
58	Carbon stocks and its variations with topography in an intact lowland mixed dipterocarp forest in Brunei. <i>Journal of Ecology and Environment</i> , 2015 , 38, 75-84	2	7
57	Estimation of Stand-level Above Ground Biomass in Intact Tropical Rain Forests of Brunei using Airborne LiDAR data. <i>Korean Journal of Remote Sensing</i> , 2015 , 31, 127-136		1
56	Changes in Air Temperature and Surface Temperature of Crop Leaf and Soil. <i>Journal of Climate Change Research</i> , 2015 , 6, 209	0.3	3
55	Current Status of Children's Gardens Within Public Gardens in the United States. <i>HortTechnology</i> , 2015 , 25, 671-680	1.3	1
54	Unconstrained approach for isolating individual trees using high-resolution aerial imagery. <i>International Journal of Remote Sensing</i> , 2014 , 35, 89-114	3.1	2

53	Estimating plot volume using lidar height and intensity distributional parameters. <i>International Journal of Remote Sensing</i> , 2014 , 35, 4601-4629	3.1	12
52	Estimation of forest carbon budget from land cover change in South and North Korea between 1981 and 2010 2014 , 57, 225-238		16
51	Application of the Savitzky-Golay Filter to Land Cover Classification Using Temporal MODIS Vegetation Indices. <i>Photogrammetric Engineering and Remote Sensing</i> , 2014 , 80, 675-685	1.6	20
50	Landscape Elements and User Satisfaction in National Street: Focusing on Gwangwhamun Square. <i>LHI Journal of Land Housing and Urban Affairs</i> , 2014 , 5, 215-224		
49	Allometric equations for estimating the aboveground volume of five common urban street tree species in Daegu, Korea. <i>Urban Forestry and Urban Greening</i> , 2013 , 12, 344-349	5.4	43
48	Estimation of the ecosystem carbon budget in South Korea between 1999 and 2008. <i>Ecological Research</i> , 2013 , 28, 1045-1059	1.9	13
47	RGB-NDVI color composites for monitoring the change in mangrove area at the Maubesi Nature Reserve, Indonesia. <i>Forest Science and Technology</i> , 2013 , 9, 171-179	1.5	6
46	Estimating carbon stocks in Korean forests between 2010 and 2110: a prediction based on forest volume-age relationships. <i>Forest Science and Technology</i> , 2013 , 9, 105-110	1.5	5
45	Feasibility of Vegetation Temperature Condition Index for monitoring desertification in Bulgan, Mongolia. <i>Korean Journal of Remote Sensing</i> , 2013 , 29, 621-629		4
44	Detecting and cleaning outliers for robust estimation of variogram models in insect count data. <i>Ecological Research</i> , 2012 , 27, 1-13	1.9	6
43	Forest plot volume estimation using National Forest Inventory, Forest Type Map and Airborne LiDAR data. <i>Forest Science and Technology</i> , 2012 , 8, 89-98	1.5	4
42	Litter decomposition and nutrient dynamics following forest tending (Soopkakkugi) works in a <i>Pinus densiflora</i> stand. <i>Forest Science and Technology</i> , 2012 , 8, 99-104	1.5	4
41	Estimating the spatial pattern of human-caused forest fires using a generalized linear mixed model with spatial autocorrelation in South Korea. <i>International Journal of Geographical Information Science</i> , 2012 , 26, 1589-1602	4.1	20
40	Predicting distributional change of forest cover and volume in future climate of South Korea. <i>Forest Science and Technology</i> , 2012 , 8, 105-115	1.5	8
39	Influence of forest tending (Soopkakkugi) works on litterfall and nutrient inputs in a <i>Pinus densiflora</i> stand. <i>Forest Science and Technology</i> , 2012 , 8, 83-88	1.5	4
38	Determining the Effect of Green Spaces on Urban Heat Distribution Using Satellite Imagery. <i>Asian Journal of Atmospheric Environment</i> , 2012 , 6, 127-135	1.3	26
37	Estimation of Vegetation Carbon Budget in South Korea using Ecosystem Model and Spatio-temporal Environmental Information. <i>Korean Journal of Remote Sensing</i> , 2012 , 28, 145-157		4
36	Vulnerability Assessment for Forest Ecosystem to Climate Change Based on Spatio-temporal Information. <i>Korean Journal of Remote Sensing</i> , 2012 , 28, 159-169		7

35	Forest Canopy Density Estimation Using Airborne Hyperspectral Data. <i>Korean Journal of Remote Sensing</i> , 2012 , 28, 297-305		2
34	Study on Site Selection of A/R CDM Using LiDAR Data. <i>Korean Journal of Remote Sensing</i> , 2012 , 28, 587-596		1
33	Maximum Canopy Height Estimation Using ICESat GLAS Laser Altimetry. <i>Korean Journal of Remote Sensing</i> , 2012 , 28, 307-318		1
32	Mapping forest functions using GIS in Selenge Province, Mongolia. <i>Forest Science and Technology</i> , 2011 , 7, 23-29	1.5	1
31	Forest cover classification by optimal segmentation of high resolution satellite imagery. <i>Sensors</i> , 2011 , 11, 1943-58	3.8	41
30	Vulnerability Assessment of Forest Ecosystem to Climate Change in Korea Using MC1 Model(Multipurpose Forest Management). <i>Journal of Forest Planning</i> , 2011 , 16, 149-161	0	3
29	Estimating Crown Variables of Individual Trees Using Airborne and Terrestrial Laser Scanners. <i>Remote Sensing</i> , 2011 , 3, 2346-2363	5	47
28	The necessity and availability of noise-free daily satellite-observed NDVI during rapid phenological changes in terrestrial ecosystems in East Asia. <i>Forest Science and Technology</i> , 2011 , 7, 174-183	1.5	11
27	Assessment of land-cover change using GIS and remotely-sensed data: A case study in Ain Snoussi area of northern Tunisia. <i>Forest Science and Technology</i> , 2011 , 7, 75-81	1.5	4
26	Desertification monitoring by LANDSAT TM satellite imagery. <i>Forest Science and Technology</i> , 2011 , 7, 110-116	1.5	5
25	Spatial Distribution and Radial Growth Response of Pinus densiflora to Climatic and Topographic Factors in Central Urban Forest of Seoul, Korea(Multipurpose Forest Management). <i>Journal of Forest Planning</i> , 2011 , 16, 163-169	0	1
24	Assessing the Extent and Rate of Deforestation in the Mountainous Tropical Forest. <i>Korean Journal of Remote Sensing</i> , 2011 , 27, 315-328		2
23	Automated Individual Tree Detection and Crown Delineation Using High Spatial Resolution RGB Aerial Imagery. <i>Korean Journal of Remote Sensing</i> , 2011 , 27, 703-715		4
22	Selection of suitable areas for rubber tree (<i>Hevea brasiliensis</i>) plantation using GIS-data in Laos. <i>Forest Science and Technology</i> , 2010 , 6, 55-66	1.5	1
21	Comparison of spatial interpolation techniques for predicting climate factors in Korea. <i>Forest Science and Technology</i> , 2010 , 6, 97-109	1.5	18
20	Evaluation for Damaged Degree of Vegetation by Forest Fire using Lidar and a Digital Aerial Photograph. <i>Photogrammetric Engineering and Remote Sensing</i> , 2010 , 76, 277-287	1.6	10
19	Estimating stem volume and biomass of Pinus koraiensis using LiDAR data. <i>Journal of Plant Research</i> , 2010 , 123, 421-32	2.6	36
18	Influence of stand density on soil CO ₂ efflux for a Pinus densiflora forest in Korea. <i>Journal of Plant Research</i> , 2010 , 123, 411-9	2.6	40

17	Estimation of carbon storage based on individual tree detection in <i>Pinus densiflora</i> stands using a fusion of aerial photography and LiDAR data. <i>Science China Life Sciences</i> , 2010 , 53, 885-97	8.5	14
16	Estimation of effective plant area index for South Korean forests using LiDAR system. <i>Science China Life Sciences</i> , 2010 , 53, 898-908	8.5	3
15	Changes in the distribution of South Korean forest vegetation simulated using thermal gradient indices. <i>Science China Life Sciences</i> , 2010 , 53, 784-97	8.5	12
14	Mapping forest functions using GIS at plateau area, Laos. <i>Forest Science and Technology</i> , 2009 , 5, 57-61	1.5	3
13	Influences of forest tending works on carbon distribution and cycling in a <i>Pinus densiflora</i> S. et Z. stand in Korea. <i>Forest Ecology and Management</i> , 2009 , 257, 1420-1426	3.9	52
12	Estimating the Soil Carbon Stocks for a <i>Pinus densiflora</i> Forest Using the Soil Carbon Model, Yasso. <i>Journal of Ecology and Environment</i> , 2009 , 32, 47-53	2	3
11	A GIS based study on spatial characteristics of wild boar movement. <i>Forest Science and Technology</i> , 2007 , 3, 78-84	1.5	2
10	Detection of individual trees and estimation of tree height using LiDAR data. <i>Journal of Forest Research</i> , 2007 , 12, 425-434	1.4	163
9	Fine Root Dynamics in Thinned and Limed Pitch Pine and Japanese Larch Plantations. <i>Journal of Plant Nutrition</i> , 2007 , 30, 1821-1839	2.3	25
8	Effects of Forest Tending Works on Carbon Storage in a <i>Pinus densiflora</i> Stand. <i>Journal of Ecology and Environment</i> , 2007 , 30, 281-285	2	2
7	Geostatistical analysis of regional differences in stem taper form of <i>Pinus densiflora</i> in central Korea. <i>Ecological Research</i> , 2006 , 21, 513-525	1.9	13
6	A forest planning model for continuous employment in a forested village with primarily young stands in Korea. <i>New Forests</i> , 2005 , 29, 15-32	2.6	2
5	DBH growth model for <i>Pinus densiflora</i> and <i>Quercus variabilis</i> mixed forests in central Korea. <i>Ecological Modelling</i> , 2004 , 176, 187-200	3	36
4	Modeling stem profiles for <i>Pinus densiflora</i> in Korea. <i>Forest Ecology and Management</i> , 2003 , 172, 69-77	3.9	50
3	Spatial assessment of land degradation using MEDALUS focusing on potential afforestation and reforestation areas in Ethiopia. <i>Land Degradation and Development</i> ,	4.4	3
2	A review of forest fire and policy response for resilient adaptation under changing climate in the Eastern Himalayan region. <i>Forest Science and Technology</i> , 1-9	1.5	3
1	Landscape pattern and climate dynamics effects on ecohydrology and implications for runoff management: case of a dry Afromontane forest in northern Ethiopia. <i>Geocarto International</i> , 1-22	2.7	0