

Woo-Kyun Lee

List of Publications by Citations

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Version: 2024-04-25

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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	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
159	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
158	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
157	Influences of forest tending works on carbon distribution and cycling in a Pinus densiflora S. et Z. stand in Korea. <i>Forest Ecology and Management</i> , 2009 , 257, 1420-1426	3.9	52
156	Modeling stem profiles for Pinus densiflora in Korea. <i>Forest Ecology and Management</i> , 2003 , 172, 69-77	3.9	50
155	Estimating Crown Variables of Individual Trees Using Airborne and Terrestrial Laser Scanners. <i>Remote Sensing</i> , 2011 , 3, 2346-2363	5	47
154	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
153	Forest cover classification by optimal segmentation of high resolution satellite imagery. <i>Sensors</i> , 2011 , 11, 1943-58	3.8	41
152	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
151	Multi-Temporal Analysis of Forest Fire Probability Using Socio-Economic and Environmental Variables. <i>Remote Sensing</i> , 2019 , 11, 86	5	39
150	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
149	Estimating stem volume and biomass of Pinus koraiensis using LiDAR data. <i>Journal of Plant Research</i> , 2010 , 123, 421-32	2.6	36
148	DBH growth model for Pinus densiflora and Quercus variabilis mixed forests in central Korea. <i>Ecological Modelling</i> , 2004 , 176, 187-200	3	36
147	Understanding global PM _{2.5} concentrations and their drivers in recent decades (1998-2016). <i>Environment International</i> , 2020 , 144, 106011	12.9	32
146	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
145	Hyperspectral Analysis of Pine Wilt Disease to Determine an Optimal Detection Index. <i>Forests</i> , 2018 , 9, 115	2.8	27
144	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

143	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
142	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
141	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
140	Assessing Climate Change Impact on Forest Habitat Suitability and Diversity in the Korean Peninsula. <i>Forests</i> , 2018 , 9, 259	2.8	20
139	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
138	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
137	Monitoring of Vegetation Dynamics in the Mongolia Using MODIS NDVIs and their Relationship to Rainfall by Natural Zone 2015 , 43, 325-337		19
136	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
135	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
134	Comparison of spatial interpolation techniques for predicting climate factors in Korea. <i>Forest Science and Technology</i> , 2010 , 6, 97-109	1.5	18
133	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
132	Estimation of forest carbon budget from land cover change in South and North Korea between 1981 and 2010 2014 , 57, 225-238		16
131	Assessing vulnerability of forests to climate change in South Korea. <i>Journal of Forestry Research</i> , 2016 , 27, 489-503	2	15
130	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
129	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
128	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
127	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
126	Impact of Deforestation on Agro-Environmental Variables in Cropland, North Korea. <i>Sustainability</i> , 2017 , 9, 1354	3.6	14

125	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
124	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
123	Assessment of Agricultural Drought Considering the Hydrological Cycle and Crop Phenology in the Korean Peninsula. <i>Water (Switzerland)</i> , 2019 , 11, 1105	3	13
122	Assessing environmentally sensitive land to desertification using MEDALUS method in Mongolia. <i>Forest Science and Technology</i> , 2019 , 15, 210-220	1.5	13
121	Estimation of the ecosystem carbon budget in South Korea between 1999 and 2008. <i>Ecological Research</i> , 2013 , 28, 1045-1059	1.9	13
120	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
119	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
118	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
117	Estimating plot volume using lidar height and intensity distributional parameters. <i>International Journal of Remote Sensing</i> , 2014 , 35, 4601-4629	3.1	12
116	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
115	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
114	Correlation between Desertification and Environmental Variables Using Remote Sensing Techniques in Hognu Khaan, Mongolia. <i>Sustainability</i> , 2017 , 9, 581	3.6	11
113	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
112	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
111	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
110	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
109	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
108	Responses of Agroecosystems to Climate Change: Specifics of Resilience in the Mid-Latitude Region. <i>Sustainability</i> , 2017 , 9, 1361	3.6	9

107	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
106	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
105	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
104	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
103	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
102	Spatially Explicit Assessment of Agricultural Water Equilibrium in the Korean Peninsula. <i>Sustainability</i> , 2018 , 10, 201	3.6	8
101	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
100	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
99	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
98	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
97	Small-scale spatial variability of soil properties in a Korean swamp. <i>Landscape and Ecological Engineering</i> , 2015 , 11, 303-312	2	7
96	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
95	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
94	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
93	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
92	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
91	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
90	Development of an Integrated DBH Estimation Model Based on Stand and Climatic Conditions. <i>Forests</i> , 2018 , 9, 155	2.8	7

89	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
88	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
87	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
86	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	7.0	6
85	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
84	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
83	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
82	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
81	Assessing Socio-Economic Impacts of Agricultural Subsidies: A Case Study from Bhutan. <i>Sustainability</i> , 2019 , 11, 3266	3.6	5
80	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
79	Desertification monitoring by LANDSAT TM satellite imagery. <i>Forest Science and Technology</i> , 2011 , 7, 110-116	1.5	5
78	Climate Change Impact on Korean Forest and Forest Management Strategies. <i>Hangug Hwangyeong Saengmul Haghoeji</i> , 2017 , 35, 413-425	0.3	5
77	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
76	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
75	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
74	Integrated Approaches for National Ecosystem Assessment in South Korea. <i>KSCE Journal of Civil Engineering</i> , 2018 , 22, 1634-1641	1.9	5
73	Developing an Adaptive Pathway to Mitigate Air Pollution Risk for Vulnerable Groups in South Korea. <i>Sustainability</i> , 2020 , 12, 1790	3.6	4
72	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

71	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
70	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
69	Litter decomposition and nutrient dynamics following forest tending (Soopkakkugi) works in a Pinus densiflora stand. <i>Forest Science and Technology</i> , 2012 , 8, 99-104	1.5	4
68	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
67	Influence of forest tending (Soopkakkugi) works on litterfall and nutrient inputs in a Pinus densiflora stand. <i>Forest Science and Technology</i> , 2012 , 8, 83-88	1.5	4
66	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
65	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
64	Feasibility of Vegetation Temperature Condition Index for monitoring desertification in Bulgan, Mongolia. <i>Korean Journal of Remote Sensing</i> , 2013 , 29, 621-629		4
63	Spatial and Temporal Analysis of Dry and Wet Spells in Upper Awash River Basin, Ethiopia. <i>Water (Switzerland)</i> , 2020 , 12, 3051	3	4
62	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
61	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
60	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
59	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
58	Mapping forest functions using GIS at plateau area, Laos. <i>Forest Science and Technology</i> , 2009 , 5, 57-61	1.5	3
57	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
56	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
55	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
54	Estimating the Soil Carbon Stocks for a Pinus densiflora Forest Using the Soil Carbon Model, Yasso. <i>Journal of Ecology and Environment</i> , 2009 , 32, 47-53	2	3

53	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
52	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
51	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
50	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
49	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
48	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
47	Application of CASI Hyperspectral Image to Analysis of the Distribution of Hydrogen-Fluoride-Damaged Vegetation in Gumi, Korea 2017 , 45, 317-326		2
46	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
45	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
44	A GIS based study on spatial characteristics of wild boar movement. <i>Forest Science and Technology</i> , 2007 , 3, 78-84	1.5	2
43	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
42	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
41	Effects of Forest Tending Works on Carbon Storage in a Pinus densiflora Stand. <i>Journal of Ecology and Environment</i> , 2007 , 30, 281-285	2	2
40	Assessing the Extent and Rate of Deforestation in the Mountainous Tropical Forest. <i>Korean Journal of Remote Sensing</i> , 2011 , 27, 315-328		2
39	Forest Canopy Density Estimation Using Airborne Hyperspectral Data. <i>Korean Journal of Remote Sensing</i> , 2012 , 28, 297-305		2
38	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
37	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
36	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, 926-934	4.4	2

35	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
34	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
33	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
32	Developing UAV-Based Forest Spatial Information and Evaluation Technology for Efficient Forest Management. <i>Sustainability</i> , 2020 , 12, 10150	3.6	1
31	Species- and elevation-dependent productivity changes in East Asian temperate forests. <i>Environmental Research Letters</i> , 2020 , 15, 034012	6.2	1
30	Mapping forest functions using GIS in Selenge Province, Mongolia. <i>Forest Science and Technology</i> , 2011 , 7, 23-29	1.5	1
29	Selection of suitable areas for rubber tree (<i>Hevea brasiliensi</i>) plantation using GIS-data in Laos. <i>Forest Science and Technology</i> , 2010 , 6, 55-66	1.5	1
28	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
27	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
26	Spatial Distribution and Radial Growth Response of <i>Pinus densiflora</i> 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
25	Education Programs in Public Children's Gardens in the United States. <i>HortTechnology</i> , 2016 , 26, 70-82	1.3	1
24	Study on Site Selection of A/R CDM Using LiDAR Data. <i>Korean Journal of Remote Sensing</i> , 2012 , 28, 587-596		1
23	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
22	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
21	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
20	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
19	Potential Distribution of Endangered Coniferous Tree Species under Climate Change. <i>Journal of Climate Change Research</i> , 2020 , 11, 215-226	0.3	1
18	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

17	Current Status of Children's Gardens Within Public Gardens in the United States. <i>HortTechnology</i> , 2015 , 25, 671-680	1.3	1
16	Maximum Canopy Height Estimation Using ICESat GLAS Laser Altimetry. <i>Korean Journal of Remote Sensing</i> , 2012 , 28, 307-318		1
15	Risk hotspot of chemical accidents based on spatial analysis in Ulsan, South Korea. <i>Safety Science</i> , 2020 , 123, 104544	5.8	1
14	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
13	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
12	Effects of Forest and Agriculture Land Covers on Organic Carbon Flux Mediated through Precipitation. <i>Water (Switzerland)</i> , 2022 , 14, 623	3	1
11	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
10	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
9	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
8	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
7	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
6	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	
5	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	
4	Estimating the Carbon Dioxide Emission in Jeju Ecotourism. <i>Journal of Climate Change Research</i> , 2019 , 10, 79-87	0.3	
3	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		
2	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		
1	Analysis of Developmental Chronology of South Korean Compressed Growth as a Reference from Sustainable Development Perspectives. <i>Sustainability</i> , 2021 , 13, 1905	3.6	