Ohkyung Kwon

List of Publications by Year
in descending order

25	221	1307594	996975
papers	citations	7	15
		h-index	g-index

25	25	25	295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Facile synthesis of monodispersed Pd nanocatalysts decorated on graphene oxide for reduction of nitroaromatics in aqueous solution. Research on Chemical Intermediates, 2019, 45, 599-611.	2.7	75
2	Three-Dimensional Reconstruction of Serial Mouse Brain Sections: Solution for Flattening High-Resolution Large-Scale Mosaics. Frontiers in Neuroanatomy, 2011, 5, 17.	1.7	40
3	Automatic Wood Species Identification of Korean Softwood Based on Convolutional Neural Networks. Journal of the Korean Wood Science and Technology, 2017, 45, 797-808.	3.0	21
4	Possibility of Wood Classification in Korean Softwood Species Using Near-infrared Spectroscopy Based on Their Chemical Compositions. Journal of the Korean Wood Science and Technology, 2017, 45, 202-212.	3.0	18
5	Application of neural networks for classifying softwood species using near infrared spectroscopy. Journal of Near Infrared Spectroscopy, 2020, 28, 298-307.	1.5	16
6	Characterization of nonwoven structures by spatial partitioning of local thickness and mass density. Journal of Materials Science, 2012, 47, 208-226.	3.7	7
7	Performance Enhancement of Automatic Wood Classification of Korean Softwood by Ensembles of Convolutional Neural Networks. Journal of the Korean Wood Science and Technology, 2019, 47, 265-276.	3.0	7
8	Electron Microscopy for the Morphological Characterization of Nanocellulose Materials. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2016, 48, 05-18.	0.4	5
9	Photodegradation of Natural Wood Veneer and Studies on Its Color Stabilization for Automotive Interior Materials. Journal of Wood Chemistry and Technology, 2018, 38, 301-312.	1.7	4
10	Wood Shrinkage Measurement of Using a Flatbed Scanner. Journal of the Korean Wood Science and Technology, 2015, 43, 43-51.	3.0	4
11	Effect of Organic Solvent Extractives on Korean Softwoods Classification Using Near-infrared Spectroscopy. Journal of the Korean Wood Science and Technology, 2019, 47, 509-518.	3.0	4
12	Utilization of Light Microscopy and FFT for MFA Measurement from Unstained Sections of Red Pine (Pinus Densiflora). Journal of the Korean Wood Science and Technology, 2013, 41, 399-405.	3.0	3
13	Optimal Conditions of TEM Grid for Quantitative Morphological Investigation of Nanocelluloses by Transmission Electron Microscopy. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2017, 49, 25.	0.4	3
14	Soft Independent Modeling of Class Analogy for Classifying Lumber Species Using Their Near-infrared Spectra. Journal of the Korean Wood Science and Technology, 2019, 47, 101-109.	3.0	3
15	Fungal proliferation and calcium accumulation in the orange slime of <i>Cornus controversa</i>. Forest Science and Technology, 2017, 13, 192-199.	0.8	2
16	Investigation of Bordered Pit Ultrastructure in Tracheid of Korean Red Pine (Pinus densiflora) by Confocal Reflection Microscopy. Journal of the Korean Wood Science and Technology, 2014, 42, 346-355.	3.0	2
17	Double staining method for array tomography using scanning electron microscopy. Applied Microscopy, 2020, 50, 14.	1.4	2
18	Graphene Oxide–Supported Microwell Grids for Preparing Cryo–EM Samples with Controlled Ice Thickness. Advanced Materials, 2021, 33, e2102991.	21.0	1

#	Article	IF	Citations
19	Binderless films from lignin-rich residues of enzymatic saccharification. Biomass and Bioenergy, 2021, 153, 106214.	5.7	1
20	Investigation of Layered Structure of Fiber Cell Wall in Korean Red Pine by Confocal Reflection Microscopy. Applied Microscopy, 2014, 44, 61-67.	1.4	1
21	Visual Classification of Wood Knots Using k-Nearest Neighbor and Convolutional Neural Network. Journal of the Korean Wood Science and Technology, 2019, 47, 229-238.	3.0	1
22	Wood Species Classification Utilizing Ensembles of Convolutional Neural Networks Established by Near-Infrared Spectra and Images Acquired from Korean Softwood Lumber. Journal of the Korean Wood Science and Technology, 2019, 47, 385-392.	3.0	1
23	Wall Sculpturing in Vessel Elements of Juglans Species of the United States. IAWA Journal, 2008, 29, 153-160.	2.7	0
24	Analysis of External Fibrillation of Fiber by Confocal Reflection Microscopy. Palpu Chongi Gisul/Journal of Korea Technical Association of the Pulp and Paper Industry, 2014, 46, 35-45.	0.4	0
25	Utility of epi-illumination light microscopy for wood identification. IAWA Journal, 2022, -1, 1-10.	1.0	0