

Bumsuk Seo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6905093/publications.pdf>

Version: 2024-02-01

20
papers

883
citations

687363

13
h-index

839539

18
g-index

26
all docs

26
docs citations

26
times ranked

1620
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural enemy interactions constrain pest control in complex agricultural landscapes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5534-5539.	7.1	241
2	Impacts of global climate change on the floras of oceanic islands – Projections, implications and current knowledge. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 160-183.	2.7	147
3	Scale-dependent effects of landscape composition and configuration on natural enemy diversity, crop herbivory, and yields. Ecological Applications, 2016, 26, 448-462.	3.8	114
4	Mapping cultural ecosystem services 2.0 – Potential and shortcomings from unlabeled crowd sourced images. Ecological Indicators, 2019, 96, 505-515.	6.3	77
5	Improving remotely-sensed crop monitoring by NDVI-based crop phenology estimators for corn and soybeans in Iowa and Illinois, USA. Field Crops Research, 2019, 238, 113-128.	5.1	70
6	Cost and environmental efficiency of rice farms in South Korea. Agricultural Economics (United Kingdom), 2019, 40, 50-56.	3.9	56
7	Pest control of aphids depends on landscape complexity and natural enemy interactions. PeerJ, 2015, 3, e1095.	2.0	36
8	Estimating fractional green vegetation cover of Mongolian grasslands using digital camera images and MODIS satellite vegetation indices. GIScience and Remote Sensing, 2020, 57, 49-59.	5.9	20
9	Impacts of Land Use Change and Summer Monsoon on Nutrients and Sediment Exports from an Agricultural Catchment. Water (Switzerland), 2018, 10, 544.	2.7	18
10	Societal breakdown as an emergent property of large-scale behavioural models of land use change. Earth System Dynamics, 2019, 10, 809-845.	7.1	17
11	Classification of rare land cover types: Distinguishing annual and perennial crops in an agricultural catchment in South Korea. PLoS ONE, 2018, 13, e0190476.	2.5	16
12	Estimating dry biomass and plant nitrogen concentration in pre-Alpine grasslands with low-cost UAS-borne multispectral data – a comparison of sensors, algorithms, and predictor sets. Biogeosciences, 2022, 19, 2699-2727.	3.3	16
13	Implementing land-based mitigation to achieve the Paris Agreement in Europe requires food system transformation. Environmental Research Letters, 2019, 14, 104009.	5.2	14
14	Using crowdsourced images to study selected cultural ecosystem services and their relationships with species richness and carbon sequestration. Ecosystem Services, 2022, 54, 101411.	5.4	10
15	An open-source image classifier for characterizing recreational activities across landscapes. People and Nature, 2022, 4, 1249-1262.	3.7	7
16	Mapping Fractional Land Use and Land Cover in a Monsoon Region: The Effects of Data Processing Options. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3941-3956.	4.9	6
17	The effects of climate and land use on British bumblebees: Findings from a decade of citizen-science observations. Journal of Applied Ecology, 2022, 59, 1837-1851.	4.0	6
18	Ideas and perspectives: Enhancing research and monitoring of carbon pools and land-to-atmosphere greenhouse gases exchange in developing countries. Biogeosciences, 2022, 19, 1435-1450.	3.3	4

#	ARTICLE	IF	CITATIONS
19	Evaluation and Calibration of an Agent Based Land use Model Using Remotely Sensed Land Cover and Primary Productivity Data. , 2018, , .		2
20	Local and regional steppe vegetation palatability at grazing hotspot areas in Mongolia. Journal of Ecology and Environment, 0, 46, .	1.6	2