

Yudi Setiawan

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

478
citations

687363

13
h-index

752698

20
g-index

70
all docs

70
docs citations

70
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of continuous Jakarta megacity urban expansion on the formation of the Jakarta-Bandung conurbation over the rice farm regions. <i>Cities</i> , 2021, 111, 103000.	5.6	52
2	Land Use/Land Cover Change Detection in an Urban Watershed: A Case Study of Upper Citarum Watershed, West Java Province, Indonesia. <i>Procedia Environmental Sciences</i> , 2016, 33, 654-660.	1.4	46
3	Assessment of the effects of vegetation on soil erosion risk by water: a case of study of the Batta watershed in Tunisia. <i>Environmental Earth Sciences</i> , 2011, 64, 707-719.	2.7	41
4	Characterizing the dynamics change of vegetation cover on tropical forestlands using 250 m multi-temporal MODIS EVI. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 26, 132-144.	2.8	32
5	Assessment and mapping of soil erosion risk by water in Tunisia using time series MODIS data. <i>Paddy and Water Environment</i> , 2012, 10, 59-73.	1.8	27
6	Assessing the Suitability and Availability of Land for Agriculture in Tuban Regency, East Java, Indonesia. <i>Applied and Environmental Soil Science</i> , 2016, 2016, 1-13.	1.7	22
7	Characterizing temporal vegetation dynamics of land use in regional scale of Java Island, Indonesia. <i>Journal of Land Use Science</i> , 2013, 8, 1-30.	2.2	20
8	Assessing the Seasonal Dynamics of the Java's Paddy Field Using MODIS Satellite Images. <i>ISPRS International Journal of Geo-Information</i> , 2014, 3, 110-129.	2.9	19
9	DAYA DUKUNG LINGKUNGAN BERBASIS KEMAMPUAN LAHAN DI TUBAN, JAWA TIMUR (Land Capability Based) <i>Tj ETQq1 1 0.784314 rgBT</i>	0.1	16
10	Analysis of Agricultural Land Use Changes in Jombang Regency, East Java, Indonesia Using BFAST Method. <i>Procedia Environmental Sciences</i> , 2016, 33, 27-35.	1.4	15
11	The effect of land use change on water quality: A case study in Ciliwung Watershed. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 54, 012026.	0.3	15
12	Detecting land-use change from seasonal vegetation dynamics on regional scale with MODIS EVI 250-m time-series imagery. <i>Journal of Land Use Science</i> , 2014, 9, 304-330.	2.2	14
13	Identifying the driving forces of urban expansion and its environmental impact in Jakarta-Bandung mega urban region. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 149, 012044.	0.3	14
14	Spectral indices for remote sensing of phytomass, deciduous shrubs, and productivity in Alaskan Arctic tundra. <i>International Journal of Remote Sensing</i> , 2015, 36, 4344-4362.	2.9	13
15	Identifying Change Trajectory over the Sumatra's Forestlands Using Moderate Image Resolution Imagery. <i>Procedia Environmental Sciences</i> , 2015, 24, 189-198.	1.4	12
16	Retrieving the National Main Commodity Maps in Indonesia Based on High-Resolution Remotely Sensed Data Using Cloud Computing Platform. <i>Land</i> , 2020, 9, 377.	2.9	12
17	Drought Detection of West Java's Paddy Field Using MODIS EVI Satellite Images (Case Study: Rancaekek) <i>Tj ETQq1 1 0.784314 rgBT</i>	1.4	9
18	Land use and land-cover changes of conservation area during transition to regional autonomy: Case study of Balairaja Wildlife Reserve in Riau Province, Indonesia. <i>Tropics</i> , 2008, 17, 99-108.	0.8	7

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19	Dynamics Pattern Analysis of Paddy Fields in Indonesia for Developing a Near Real-time Monitoring System Using MODIS Satellite Images. <i>Procedia Environmental Sciences</i> , 2016, 33, 108-116.	1.4	6
20	A simple method for developing near real-time nationwide forest monitoring for Indonesia using MODIS near- and shortwave infrared bands. <i>Remote Sensing Letters</i> , 2016, 7, 318-327.	1.4	6
21	Assessing Sumatran Peat Vulnerability to Fire under Various Condition of ENSO Phases Using Machine Learning Approaches. <i>Forests</i> , 2022, 13, 828.	2.1	6
22	Land use change detection by characterizing the vegetation dynamics : Case study of Java Island, Indonesia. <i>Journal of the Japan Society of Photogrammetry and Remote Sensing</i> , 2011, 50, 96-103.	0.0	5
23	Land Use Planning for Brackish Water Shrimp Ponds in The North Coast of Tuban, Indonesia. <i>Indonesian Journal of Geography</i> , 2016, 47, 194.	0.5	5
24	Predicting Sugar Balance as the Impact of Land-Use/Land-Cover Change Dynamics in a Sugarcane Producing Regency in East Java, Indonesia. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	5
25	Characterizing Spatial Distribution and Environments of Sumatran Peat Swamp Area Using 250 M Multi-temporal MODIS Data. <i>Procedia Environmental Sciences</i> , 2016, 33, 117-127.	1.4	4
26	Monitoring Model of Payment for Environmental Service (PES) Implementation in Cidanau Watershed with stands Density Approach. <i>Procedia Environmental Sciences</i> , 2016, 33, 269-278.	1.4	4
27	LAND USE ANALYSIS USING TIME SERIES OF VEGETATION INDEX DERIVED FROM SATELLITE REMOTE SENSING IN BRANTAS RIVER WATERSHED, EAST JAVA, INDONESIA. <i>Geoplanning</i> , 2017, 4, 109.	0.7	4
28	Spatial Model Approach for Deforestation. , 0, , 376-387.		4
29	The effect of utilization patterns of green open space on the dynamics change of air quality due to the Covid-19 pandemic in Jabodetabek region. <i>Journal of Natural Resources and Environmental Management</i> , 2020, 10, 559-567.	0.2	4
30	Land Changes Monitoring Using MODIS Time-series Imagery in Peat Lands Areas, Muaro Jambi, Jambi Province, Indonesia. <i>Procedia Environmental Sciences</i> , 2016, 33, 443-449.	1.4	3
31	Analysis of the Dynamics Pattern of Paddy Field Utilization Using MODIS Image in East Java. <i>Procedia Environmental Sciences</i> , 2016, 33, 44-53.	1.4	3
32	Combining Projective Geometry Modelling and Spectral Thresholding for Automated Cloud Shadow Masking in Landsat 8 Imageries. , 2017, , .		3
33	Illumination Modelling for Topographic Correction of Landsat 8 and Sentinel-2A Imageries. , 2017, , .		3
34	HEIGHT, DIAMETER AND TREE CANOPY COVER ESTIMATION BASED ON UNMANNED AERIAL VEHICLE (UAV) IMAGERY WITH VARIOUS ACQUISITION HEIGHT. <i>Media Konservasi</i> , 2021, 26, 17-27.	0.2	3
35	Method for Uncertainty Evaluation of Vicarious Calibration of Spaceborne Visible to Near Infrared Radiometers. <i>International Journal of Advanced Computer Science and Applications</i> , 2019, 10, .	0.7	3
36	Development of Near-real Time Forest Monitoring (Phase I: Data Preparation). <i>Procedia Environmental Sciences</i> , 2015, 24, 317-323.	1.4	2

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37	Leaf Area Index (LAI) in different type of agroforestry systems based on hemispherical photographs in Cidanau Watershed. IOP Conference Series: Earth and Environmental Science, 2017, 54, 012050.	0.3	2
38	Automated Landsat 8 data preprocessing for national forest monitoring system. , 2018, , .		2
39	Plankton biodiversity in various typologies of inundation in Paminggir peatland, South Kalimantan, Indonesia on dry season. Biodiversitas, 2020, 21, .	0.6	2
40	TEMPORAL VEGETATION DYNAMICS IN PEAT SWAMP AREA USING MODIS TIME-SERIES IMAGERY: A MONITORING APPROACH OF HIGH-SENSITIVE ECOSYSTEM IN REGIONAL SCALE. Geoplanning, 2016, 3, 137.	0.7	1
41	Modeling of Erosion on Jelateng Watershed Using USLE Method, Associated with an Illegal Mining Activities (PETI). IOP Conference Series: Earth and Environmental Science, 2016, 47, 012025.	0.3	1
42	Processing System of MODIS Data for Monitoring the Changes of Paddy Field. Procedia Environmental Sciences, 2016, 33, 3-13.	1.4	1
43	Monitoring of landscape change in paddy fields: Case study of Karawang District - West Java Province. IOP Conference Series: Earth and Environmental Science, 2017, 54, 012016.	0.3	1
44	Monitoring tropical peatland ecosystem in regional scale using multi-temporal MODIS data: Present possibilities and future challenges. IOP Conference Series: Earth and Environmental Science, 2017, 54, 012052.	0.3	1
45	Comparison between wavelet transform and moving average as filter method of MODIS imagery to recognize paddy cropping pattern in West Java. IOP Conference Series: Earth and Environmental Science, 2017, 54, 012011.	0.3	1
46	Modelling landscape change in paddy fields using logistic regression and GIS. IOP Conference Series: Earth and Environmental Science, 2018, 149, 012002.	0.3	1
47	Mapping tree height in agroforestry system using Landsat 8 data. , 2018, , .		1
48	Landscape metric in the analysis of urban form in Cekungan Bandung urban region. , 2019, , .		1
49	Dynamics factors that affect the land use change in the Lore Lindu National Park, Indonesia. , 2019, , .		1
50	Measuring Similarity of Deforestation Patterns in Time and Space across Differences in Resolution. Geomatics, 2021, 1, 464-495.	1.9	1
51	Spatial modeling on land use change in regional scale of Java Island based-on biophysical characteristics. Journal of Natural Resources and Environmental Management, 2020, 10, 511-523.	0.2	1
52	Adaptive Mangrove Ecosystem Rehabilitation Plan based on Coastal Typology and Ecological Dynamics Approach. HAYATI Journal of Biosciences, 2022, 29, 445-458.	0.4	1
53	Spatial change analysis of paddy cropping pattern using MODIS time series imagery in Central Java. IOP Conference Series: Earth and Environmental Science, 2017, 54, 012012.	0.3	0
54	Mangrove mapping and change detection in Sungai Asam Village, Indragiri Hilir Regency, Riau Province. IOP Conference Series: Earth and Environmental Science, 2017, 54, 012065.	0.3	0

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55	Dynamics Change of Vegetated Lands in A Highway Corridor during 37 Years (Case study of Jagorawi) Tj ETQq1 1 0,784314 rgBT /Over	0.3	0
56	Analysis of vegetation changes in Cidanau watershed, Indonesia. IOP Conference Series: Earth and Environmental Science, 2018, 149, 012037.	0.3	0
57	The dynamic changes of Barito basin peat land ecosystem in South Borneo, Indonesia. IOP Conference Series: Earth and Environmental Science, 2019, 284, 012023.	0.3	0
58	Carbon stock change dynamics of oil palm plantation in Sembilang Dangku Landscape, South Sumatra. IOP Conference Series: Earth and Environmental Science, 2019, 336, 012016.	0.3	0
59	Spatial Model Approach for Deforestation. , 2013, , 1901-1912.		0
60	Revisiting the validity of Braak's equation on altitudinal temperature lapse rate using thermal-infrared bands of Landsat 8. , 2018, , .		0
61	A voxel-based model of LiDAR point cloud for estimating forest canopy closure. , 2018, , .		0
62	Estimation of biomass and carbon deposits in the Mount Tampomas Sumedang protected forest area in West Java. , 2019, , .		0
63	Spatial modeling of oil palm development in Sumatra and Kalimantan: an integrative spatial approach using CLUE-S model. , 2019, , .		0
64	Tree carbon stock estimation model based on canopy density in green open space area Depok City. , 2019, , .		0
65	Canopy cover estimation of agroforestry based on airborne LiDAR and Landsat 8 OLI. , 2019, , .		0
66	Algorithm of pattern recognition for real-time rice crops monitoring using Sentinel images. , 2019, , .		0
67	Estimation of tree carbon stocks based on the typology of region in Depok City, West Java Province. , 2019, , .		0
68	Utilization of UAV technology for vegetation cover mapping using object based image analysis in restoration area of Gunung Halimun Salak National Park, Indonesia. , 2019, , .		0
69	Characterization of vegetation structure in Gunung Halimun Salak National Park corridor with drone technology and Geographic Information System (GIS). , 2019, , .		0
70	Pola Distribusi Spasial-Temporal Hotspot dan Variasi Standardized Precipitation Index pada Lahan Gambut Tropis di Kepulauan Meranti, Riau. Jurnal Ilmu Lingkungan, 2022, 20, 457-464.	0.2	0