Yudi Setiawan

List of Publications by Year
in descending order

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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	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
2	Predicting Sugar Balance as the Impact of Land-Use/Land-Cover Change Dynamics in a Sugarcane Producing Regency in East Java, Indonesia. Frontiers in Environmental Science, 2022, 10, .	3.3	5
3	Adaptive Mangrove Ecosystem Rehabilitation Plan based on Coastal Typology and Ecological Dynamics Approach. HAYATI Journal of Biosciences, 2022, 29, 445-458.	0.4	1
4	Assessing Sumatran Peat Vulnerability to Fire under Various Condition of ENSO Phases Using Machine Learning Approaches. Forests, 2022, 13, 828.	2.1	6
5	Impact of continuous Jakarta megacity urban expansion on the formation of the Jakarta-Bandung conurbation over the rice farm regions. Cities, 2021, 111, 103000.	5.6	52
6	HEIGHT, DIAMETER AND TREE CANOPY COVER ESTIMATION BASED ON UNMANNED AERIAL VEHICLE (UAV) IMAGERY WITH VARIOUS ACQUISITION HEIGHT. Media Konservasi, 2021, 26, 17-27.	0.2	3
7	Measuring Similarity of Deforestation Patterns in Time and Space across Differences in Resolution. Geomatics, 2021, 1, 464-495.	1.9	1
8	Retrieving the National Main Commodity Maps in Indonesia Based on High-Resolution Remotely Sensed Data Using Cloud Computing Platform. Land, 2020, 9, 377.	2.9	12
9	Plankton biodiversity in various typologies of inundation in Paminggir peatland, South Kalimantan, Indonesia on dry season. Biodiversitas, 2020, 21, .	0.6	2
10	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. Journal of Natural Resources and Environmental Management, 2020, 10, 559-567.	0.2	4
11	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
12	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
13	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
14	Method for Uncertainty Evaluation of Vicarious Calibration of Spaceborne Visible to Near Infrared Radiometers. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	3
15	Estimation of biomass and carbon deposits in the Mount Tampomas Sumedang protected forest area in West Java. , 2019, , .		0
16	Spatial modeling of oil palm development in Sumatra and Kalimantan: an integrative spatial approach using CLUE-S model. , 2019, , .		0
17	Tree carbon stock estimation model based on canopy density in green open space area Depok City. , 2019, , .		0
18	Canopy cover estimation of agroforestry based on airborne LiDAR and Landsat 8 OLI. , 2019, , .		0

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19	Algorithm of pattern recognition for real-time rice crops monitoring using Sentinel images. , 2019, , .		0
20	Estimation of tree carbon stocks based on the typology of region in Depok City, West Java Province. , 2019, , .		0
21	Landscape metric in the analysis of urban form in Cekungan Bandung urban region. , 2019, , .		1
22	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
23	Characterization of vegetation structure in Gunung Halimun Salak National Park corridor with drone technology and Geographic Information System (GIS). , 2019, , .		0
24	Dynamics factors that affect the land use change in the Lore Lindu National Park, Indonesia. , 2019, , .		1
25	Dynamics Change of Vegetated Lands in A Highway Corridor during 37 Years (Case study of Jagorawi) Tj ETQq1 1 0.784314 rgBT /Ove	0.3	0
26	Analysis of vegetation changes in Cidanau watershed, Indonesia. IOP Conference Series: Earth and Environmental Science, 2018, 149, 012037.	0.3	0
27	Identifying the driving forces of urban expansion and its environmental impact in Jakarta-Bandung mega urban region. IOP Conference Series: Earth and Environmental Science, 2018, 149, 012044.	0.3	14
28	Modelling landscape change in paddy fields using logistic regression and GIS. IOP Conference Series: Earth and Environmental Science, 2018, 149, 012002.	0.3	1
29	Automated Landsat 8 data preprocessing for national forest monitoring system. , 2018, , .		2
30	Mapping tree height in agroforestry system using Landsat 8 data. , 2018, , .		1
31	Revisiting the validity of Braakâ€™s equation on altitudinal temperature lapse rate using thermal-infrared bands of Landsat 8. , 2018, , .		0
32	A voxel-based model of LiDAR point cloud for estimating forest canopy closure. , 2018, , .		0
33	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
34	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
35	The effect of land use change on water quality: A case study in Ciliwung Watershed. IOP Conference Series: Earth and Environmental Science, 2017, 54, 012026.	0.3	15
36	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

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37	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
38	LAND USE ANALYSIS USING TIME SERIES OF VEGETATION INDEX DERIVED FROM SATELLITE REMOTE SENSING IN BRANTAS RIVER WATERSHED, EAST JAVA, INDONESIA. Geoplanning, 2017, 4, 109.	0.7	4
39	Combining Projective Geometry Modelling and Spectral Thresholding for Automated Cloud Shadow Masking in Landsat 8 Imageries. , 2017, , .		3
40	Illumination Modelling for Topographic Correction of Landsat 8 and Sentinel-2A Imageries. , 2017, , .		3
41	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
42	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
43	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
44	Assessing the Suitability and Availability of Land for Agriculture in Tuban Regency, East Java, Indonesia. Applied and Environmental Soil Science, 2016, 2016, 1-13.	1.7	22
45	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
46	Characterizing Spatial Distribution and Environments of Sumatran Peat Swamp Area Using 250 M Multi-temporal MODIS Data. Procedia Environmental Sciences, 2016, 33, 117-127.	1.4	4
47	Dynamics Pattern Analysis of Paddy Fields in Indonesia for Developing a Near Real-time Monitoring System Using MODIS Satellite Images. Procedia Environmental Sciences, 2016, 33, 108-116.	1.4	6
48	Land Changes Monitoring Using MODIS Time-series Imagery in Peat Lands Areas, Muaro Jambi, Jambi Province, Indonesia. Procedia Environmental Sciences, 2016, 33, 443-449.	1.4	3
49	Processing System of MODIS Data for Monitoring the Changes of Paddy Field. Procedia Environmental Sciences, 2016, 33, 3-13.	1.4	1
50	Land Use/Land Cover Change Detection in an Urban Watershed: A Case Study of Upper Citarum Watershed, West Java Province, Indonesia. Procedia Environmental Sciences, 2016, 33, 654-660.	1.4	46
51	Analysis of Agricultural Land Use Changes in Jombang Regency, East Java, Indonesia Using BFAST Method. Procedia Environmental Sciences, 2016, 33, 27-35.	1.4	15
52	Analysis of the Dynamics Pattern of Paddy Field Utilization Using MODIS Image in East Java. Procedia Environmental Sciences, 2016, 33, 44-53.	1.4	3
53	Monitoring Model of Payment for Environmental Service (PES) Implementation in Cidanau Watershed with stands Density Approach. Procedia Environmental Sciences, 2016, 33, 269-278.	1.4	4
54	Drought Detection of West Java's Paddy Field Using MODIS EVI Satellite Images (Case Study: Rancaekek) Tj ETQq0 0 0 rgBT /Overlock 1	1.4	9

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55	A simple method for developing near real-time nationwide forest monitoring for Indonesia using MODIS near- and shortwave infrared bands. Remote Sensing Letters, 2016, 7, 318-327.	1.4	6
56	Land Use Planning for Brackish Water Shrimp Ponds in The North Coast of Tuban, Indonesia. Indonesian Journal of Geography, 2016, 47, 194.	0.5	5
57	Development of Near-real Time Forest Monitoring (Phase I: Data Preparation). Procedia Environmental Sciences, 2015, 24, 317-323.	1.4	2
58	Identifying Change Trajectory over the Sumatra's Forestlands Using Moderate Image Resolution Imagery. Procedia Environmental Sciences, 2015, 24, 189-198.	1.4	12
59	Spectral indices for remote sensing of phytomass, deciduous shrubs, and productivity in Alaskan Arctic tundra. International Journal of Remote Sensing, 2015, 36, 4344-4362.	2.9	13
60	DAYA DUKUNG LINGKUNGAN BERBASIS KEMAMPUAN LAHAN DI TUBAN, JAWA TIMUR (Land Capability Based) Tj ETQq0 0 0 rgBT /Overlo	0.1	16
61	Assessing the Seasonal Dynamics of the Javaâ€™s Paddy Field Using MODIS Satellite Images. ISPRS International Journal of Geo-Information, 2014, 3, 110-129.	2.9	19
62	Detecting land-use change from seasonal vegetation dynamics on regional scale with MODIS EVI 250-m time-series imagery. Journal of Land Use Science, 2014, 9, 304-330.	2.2	14
63	Characterizing the dynamics change of vegetation cover on tropical forestlands using 250 m multi-temporal MODIS EVI. International Journal of Applied Earth Observation and Geoinformation, 2014, 26, 132-144.	2.8	32
64	Characterizing temporal vegetation dynamics of land use in regional scale of Java Island, Indonesia. Journal of Land Use Science, 2013, 8, 1-30.	2.2	20
65	Spatial Model Approach for Deforestation. , 2013, , 1901-1912.		0
66	Assessment and mapping of soil erosion risk by water in Tunisia using time series MODIS data. Paddy and Water Environment, 2012, 10, 59-73.	1.8	27
67	Assessment of the effects of vegetation on soil erosion risk by water: a case of study of the Batta watershed in Tunisia. Environmental Earth Sciences, 2011, 64, 707-719.	2.7	41
68	Land use change detection by characterizing the vegetation dynamics : Case study of Java Island, Indonesia. Journal of the Japan Society of Photogrammetry and Remote Sensing, 2011, 50, 96-103.	0.0	5
69	Land use and land-cover changes of conservation area during transition to regional autonomy: Case study of Balairaja Wildlife Reserve in Riau Province, Indonesia. Tropics, 2008, 17, 99-108.	0.8	7
70	Spatial Model Approach for Deforestation. , 0, , 376-387.		4