

Kanniah, Kd

List of Publications by Year in descending order

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54
papers

2,376
citations

236925

25
h-index

214800

47
g-index

59
all docs

59
docs citations

59
times ranked

3460
citing authors

#	ARTICLE	IF	CITATIONS
1	A study of the serious conflicts between oil palm expansion and biodiversity conservation using high-resolution remote sensing. Remote Sensing Letters, 2023, 14, 654-668.	1.4	0
2	Land use and land cover change and its impact on river morphology in Johor River Basin, Malaysia. Journal of Hydrology: Regional Studies, 2022, 41, 101072.	2.4	11
3	Growing status observation for oil palm trees using Unmanned Aerial Vehicle (UAV) images. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 173, 95-121.	11.1	91
4	Remote sensing-based operational modeling of fuel ignitability in Hyrcanian mixed forest, Iran. Natural Hazards, 2021, 108, 253-283.	3.4	4
5	Remote Sensing to Study Mangrove Fragmentation and Its Impacts on Leaf Area Index and Gross Primary Productivity in the South of Peninsular Malaysia. Remote Sensing, 2021, 13, 1427.	4.0	21
6	Oil palm modelling in the global land surface model ORCHIDEE-MICT. Geoscientific Model Development, 2021, 14, 4573-4592.	3.6	1
7	Evaluation of Machine Learning Models for Estimating PM _{2.5} Concentrations across Malaysia. Applied Sciences (Switzerland), 2021, 11, 7326.	2.5	21
8	Exploring the Link Between Ground Based PM _{2.5} and Remotely Sensed Aerosols and Gases Data to Map Fine Particulate Matters in Malaysia Using Machine Learning Algorithms. , 2021, , .		1
9	Google Earth Engine for Landsat Image Processing and Monitoring Land Use/Land Cover Changes in the Johor River Basin, Malaysia. , 2021, , .		2
10	The International Soil Moisture Network: serving Earth system science for over a decade. Hydrology and Earth System Sciences, 2021, 25, 5749-5804.	4.9	116
11	Synergy of Active and Passive Remote Sensing Data for Effective Mapping of Oil Palm Plantation in Malaysia. Forests, 2020, 11, 858.	2.1	17
12	Spatio-temporal assessment of Aerosol Optical Depth from Himawari-8 satellite data over Malaysia. IOP Conference Series: Earth and Environmental Science, 2020, 540, 012053.	0.3	0
13	COVID-19's impact on the atmospheric environment in the Southeast Asia region. Science of the Total Environment, 2020, 736, 139658.	8.0	230
14	Optical and radar remote sensing data for forest cover mapping in Peninsular Malaysia. Singapore Journal of Tropical Geography, 2019, 40, 272-290.	0.9	3
15	Calibration of SMOS Soil Moisture Retrieval Algorithm: A Case of Tropical Site in Malaysia. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 3827-3839.	6.3	14
16	Mapping oil palm plantation expansion in Malaysia over the past decade (2007â€“2016) using ALOS-1/2 PALSAR-1/2 data. International Journal of Remote Sensing, 2019, 40, 7389-7408.	2.9	17
17	Recent snow cover variation in the Upper Indus Basin of Gilgit Baltistan, Hindukush Karakoram Himalaya. Journal of Mountain Science, 2019, 16, 296-308.	2.0	34
18	Textural measures for estimating oil palm age. International Journal of Remote Sensing, 2019, 40, 7516-7537.	2.9	5

#	ARTICLE	IF	CITATIONS
19	Assessment of biophysical properties of Royal Belum tropical forest, Malaysia. Singapore Journal of Tropical Geography, 2018, 39, 90-106.	0.9	10
20	Mapping oil palm extent in Malaysia using ALOS-2 PALSAR-2 data. International Journal of Remote Sensing, 2018, 39, 432-452.	2.9	26
21	Satellite data for upscaling urban air pollution in Malaysia. IOP Conference Series: Earth and Environmental Science, 2018, 169, 012036.	0.3	3
22	Towards global oil palm plantation mapping using remote-sensing data. International Journal of Remote Sensing, 2018, 39, 5891-5906.	2.9	23
23	Estimating Particulate Matter using satellite based aerosol optical depth and meteorological variables in Malaysia. Atmospheric Research, 2017, 193, 142-162.	4.1	68
24	Quantifying green cover change for sustainable urban planning: A case of Kuala Lumpur, Malaysia. Urban Forestry and Urban Greening, 2017, 27, 287-304.	5.3	51
25	A review of remote sensing applications for oil palm studies. Geo-Spatial Information Science, 2017, 20, 184-200.	5.3	122
26	Engaging indigenous people as geo-crowdsourcing sensors for ecotourism mapping via mobile data collection: a case study of the Royal Belum State Park. Cartography and Geographic Information Science, 2017, 44, 113-127.	3.0	6
27	Non-Destructive, Laser-Based Individual Tree Aboveground Biomass Estimation in a Tropical Rainforest. Forests, 2017, 8, 86.	2.1	23
28	Estimating and Up-Scaling Fuel Moisture and Leaf Dry Matter Content of a Temperate Humid Forest Using Multi Resolution Remote Sensing Data. Remote Sensing, 2016, 8, 961.	4.0	11
29	An introduction to the Australian and New Zealand flux tower network "OzFlux. Biogeosciences, 2016, 13, 5895-5916.	3.3	159
30	Overview of atmospheric aerosol studies in Malaysia: Known and unknown. Atmospheric Research, 2016, 182, 302-318.	4.1	31
31	Analysis of <i>in-situ</i> soil moisture data and validation of SMOS soil moisture products at selected agricultural sites over a tropical region. International Journal of Remote Sensing, 2016, 37, 3636-3654.	2.9	16
32	Satellite Images for Monitoring Mangrove Cover Changes in a Fast Growing Economic Region in Southern Peninsular Malaysia. Remote Sensing, 2015, 7, 14360-14385.	4.0	95
33	Towards the development of a regional version of MOD17 for the determination of gross and net primary productivity of oil palm trees. International Journal of Remote Sensing, 2015, 36, 262-289.	2.9	21
34	Modelling static fire hazard in a semi-arid region using frequency analysis. International Journal of Wildland Fire, 2015, 24, 763.	2.4	22
35	Fire in Australian savannas: from leaf to landscape. Global Change Biology, 2015, 21, 62-81.	9.5	88
36	Investigating aerosol properties in Peninsular Malaysia via the synergy of satellite remote sensing and ground-based measurements. Atmospheric Research, 2014, 138, 223-239.	4.1	37

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37	On the upstream inputs into the MODIS primary productivity products using biometric data from oil palm plantations. <i>International Journal of Remote Sensing</i> , 2014, 35, 2215-2246.	2.9	27
38	Parameterization of an ecosystem light-use-efficiency model for predicting savanna GPP using MODIS EVI. <i>Remote Sensing of Environment</i> , 2014, 154, 253-271.	11.0	56
39	Evaluation of MODIS gross primary productivity and land cover products for the humid tropics using oil palm trees in Peninsular Malaysia and Google Earth imagery. <i>International Journal of Remote Sensing</i> , 2013, 34, 7400-7423.	2.9	30
40	Exploring the link between clouds, radiation, and canopy productivity of tropical savannas. <i>Agricultural and Forest Meteorology</i> , 2013, 182-183, 304-313.	4.8	69
41	Modeling forest fire risk in the northeast of Iran using remote sensing and GIS techniques. <i>Natural Hazards</i> , 2013, 65, 1723-1743.	3.4	184
42	Response of savanna gross primary productivity to interannual variability in rainfall. <i>Progress in Physical Geography</i> , 2013, 37, 642-663.	3.2	31
43	Estimating atmospheric humidity using MODIS cloud-free data in a temperate humid region. , 2013, , .		4
44	The potential of MODIS derived Photochemical Reflectance Index for studying gross primary productivity of oil palm trees. , 2013, , .		2
45	Use of UK-DMC 2 and ALOS PALSAR for studying the age of oil palm trees in southern peninsular Malaysia. <i>International Journal of Remote Sensing</i> , 2013, 34, 7424-7446.	2.9	65
46	Validation of AMSR-E soil moisture product and the future perspective of soil moisture estimation using SMOS data over tropical region. , 2013, , .		0
47	UK-DMC 2 satellite data for deriving biophysical parameters of oil palm trees in Malaysia. , 2012, , .		2
48	Control of atmospheric particles on diffuse radiation and terrestrial plant productivity. <i>Progress in Physical Geography</i> , 2012, 36, 209-237.	3.2	177
49	A review of remote sensing based productivity models and their suitability for studying oil palm productivity in tropical regions. <i>Progress in Physical Geography</i> , 2012, 36, 655-679.	3.2	32
50	Environmental controls on the spatial variability of savanna productivity in the Northern Territory, Australia. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 1429-1439.	4.8	49
51	Evaluation of MODIS Gross Primary Productivity of tropical oil palm in southern Peninsular Malaysia. , 2011, , .		4
52	SPECIAL" Savanna Patterns of Energy and Carbon Integrated across the Landscape. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 1467-1485.	3.3	52
53	Aerosols and their influence on radiation partitioning and savanna productivity in northern Australia. <i>Theoretical and Applied Climatology</i> , 2010, 100, 423-438.	2.8	25
54	Evaluation of Collections 4 and 5 of the MODIS Gross Primary Productivity product and algorithm improvement at a tropical savanna site in northern Australia. <i>Remote Sensing of Environment</i> , 2009, 113, 1808-1822.	11.0	100