

Santosh K Panda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8134201/publications.pdf>

Version: 2024-02-01

21
papers

1,017
citations

687363

13
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

1663
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel method to simulate AVIRIS-NG hyperspectral image from Sentinel-2 image for improved vegetation/wildfire fuel mapping, boreal Alaska. International Journal of Applied Earth Observation and Geoinformation, 2022, 112, 102891.	1.9	1
2	Using floristic gradient mapping to assess seasonal thaw depth in interior Alaska. Applied Vegetation Science, 2021, 24, e12561.	1.9	3
3	Improved Boreal Forest Wildfire Fuel Type Mapping in Interior Alaska Using AVIRIS-NG Hyperspectral Data. Remote Sensing, 2021, 13, 897.	4.0	12
4	Hyperspectral Data Simulation (Sentinel-2 to AVIRIS-NG) for Improved Wildfire Fuel Mapping, Boreal Alaska. Remote Sensing, 2021, 13, 1693.	4.0	10
5	Assessing Wildfire Burn Severity and Its Relationship with Environmental Factors: A Case Study in Interior Alaska Boreal Forest. Remote Sensing, 2021, 13, 1966.	4.0	4
6	Co-producing knowledge: the Integrated Ecosystem Model for resource management in Arctic Alaska. Frontiers in Ecology and the Environment, 2020, 18, 447-455.	4.0	3
7	Improved Vegetation and Wildfire Fuel Type Mapping Using NASA AVIRIS-NG Hyperspectral Data, Interior AK. , 2020, , .		1
8	Northern Hemisphere permafrost map based on TTOP modelling for 2000-2016 at 1-km ² scale. Earth-Science Reviews, 2019, 193, 299-316.	9.1	462
9	Remote Sensing of River Erosion on the Colville River, North Slope Alaska. Remote Sensing, 2018, 10, 397.	4.0	23
10	Applicability of the ecosystem type approach to model permafrost dynamics across the Alaska North Slope. Journal of Geophysical Research F: Earth Surface, 2017, 122, 50-75.	2.8	72
11	Estimating active layer thickness and volumetric water content from ground penetrating radar measurements in Barrow, Alaska. Geoscience Data Journal, 2017, 4, 72-79.	4.4	14
12	Dissolved organic matter composition of Arctic rivers: Linking permafrost and parent material to riverine carbon. Global Biogeochemical Cycles, 2016, 30, 1811-1826.	4.9	56
13	Ground-penetrating radar-derived measurements of active-layer thickness on the landscape scale with sparse calibration at Toolik and Happy Valley, Alaska. Geophysics, 2016, 81, H9-H19.	2.6	14
14	Ground-penetrating radar-derived measurements of active-layer thickness on the landscape scale with sparse calibration at Toolik and Happy Valley, Alaska. Geophysics, 2016, 81, H1-H11.	2.6	3
15	Remotely Sensed Active Layer Thickness (ReSALT) at Barrow, Alaska Using Interferometric Synthetic Aperture Radar. Remote Sensing, 2015, 7, 3735-3759.	4.0	59
16	The effect of snow: How to better model ground surface temperatures. Cold Regions Science and Technology, 2014, 102, 63-77.	3.5	25
17	Near-Surface Permafrost Distribution Mapping Using Logistic Regression and Remote Sensing in Interior Alaska. GIScience and Remote Sensing, 2012, 49, 346-363.	5.9	16
18	Remote sensing and field-based mapping of permafrost distribution along the Alaska Highway corridor, interior Alaska. Permafrost and Periglacial Processes, 2010, 21, 271-281.	3.4	33

#	ARTICLE	IF	CITATIONS
19	Satellite detection of earthquake thermal infrared precursors in Iran. <i>Natural Hazards</i> , 2008, 47, 119-135.	3.4	80
20	MODIS land surface temperature data detects thermal anomaly preceding 8 October 2005 Kashmir earthquake. <i>International Journal of Remote Sensing</i> , 2007, 28, 4587-4596.	2.9	62
21	Remote sensing observations of pre-earthquake thermal anomalies in Iran. <i>International Journal of Remote Sensing</i> , 2006, 27, 4381-4396.	2.9	64