Santosh K Panda

List of Publications by Year
in descending order

21	1,017	687363 13	794594 19
papers	citations	h-index	g-index

21	21	21	1663
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Northern Hemisphere permafrost map based on TTOP modelling for 2000â€“2016 at 1â€¯km2 scale. Earth-Science Reviews, 2019, 193, 299-316.	9.1	462
2	Satellite detection of earthquake thermal infrared precursors in Iran. Natural Hazards, 2008, 47, 119-135.	3.4	80
3	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
4	Remote sensing observations of preâ€earthquake thermal anomalies in Iran. International Journal of Remote Sensing, 2006, 27, 4381-4396.	2.9	64
5	MODIS land surface temperature data detects thermal anomaly preceding 8 October 2005 Kashmir earthquake. International Journal of Remote Sensing, 2007, 28, 4587-4596.	2.9	62
6	Remotely Sensed Active Layer Thickness (ReSALT) at Barrow, Alaska Using Interferometric Synthetic Aperture Radar. Remote Sensing, 2015, 7, 3735-3759.	4.0	59
7	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
8	Remote sensing and fieldâ€based mapping of permafrost distribution along the Alaska Highway corridor, interior Alaska. Permafrost and Periglacial Processes, 2010, 21, 271-281.	3.4	33
9	The effect of snow: How to better model ground surface temperatures. Cold Regions Science and Technology, 2014, 102, 63-77.	3.5	25
10	Remote Sensing of River Erosion on the Colville River, North Slope Alaska. Remote Sensing, 2018, 10, 397.	4.0	23
11	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
12	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
13	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
14	Improved Boreal Forest Wildfire Fuel Type Mapping in Interior Alaska Using AVIRIS-NG Hyperspectral Data. Remote Sensing, 2021, 13, 897.	4.0	12
15	Hyperspectral Data Simulation (Sentinel-2 to AVIRIS-NG) for Improved Wildfire Fuel Mapping, Boreal Alaska. Remote Sensing, 2021, 13, 1693.	4.0	10
16	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
17	Coâ€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
18	Using floristic gradient mapping to assess seasonal thaw depth in interior Alaska. Applied Vegetation Science, 2021, 24, e12561.	1.9	3

#	Article	IF	Citations
19	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
20	Improved Vegetation and Wildfire Fuel Type Mapping Using NASA AVIRIS-NG Hyperspectral Data, Interior AK. , 2020, , .		1
21	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