

Mukesh Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

208
citations

1307594

7
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Perennial pack ice in the southern Beaufort Sea was not as it appeared in the summer of 2009. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	66
2	Geophysical controls on C band polarimetric backscatter from melt pond covered Arctic first-year sea ice: Assessment using high-resolution scatterometry. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	23
3	Impact of new mouth opening on morphology and water quality of the Chilika Lagoon – a study based on Resourcesat-1 LISS-III and AWiFS and IRS-1D LISS-III data. <i>International Journal of Remote Sensing</i> , 2007, 28, 905-923.	2.9	19
4	A New Trophic State Index for Lagoons. <i>Journal of Ecosystems</i> , 2014, 2014, 1-8.	0.7	19
5	Monitoring surface elevation changes in Jharia coalfield, India using synthetic aperture radar interferometry. <i>Environmental Earth Sciences</i> , 2014, 71, 2875-2883.	2.7	17
6	Detection and classification of surface roughness in an Arctic marginal sea ice zone. <i>Hydrological Processes</i> , 2014, 28, 599-609.	2.6	13
7	C-Band Polarimetric Coherences and Ratios for Discriminating Sea Ice Roughness. <i>International Journal of Oceanography</i> , 2013, 2013, 1-13.	0.2	10
8	Monitoring Shoreline Changes in the Gulf of Khambhat, India During 1966–2004 Using RESOURCESAT-1 LISS-III. <i>Open Journal of Remote Sensing and Positioning</i> , 2014, 1, 27-37.	0.3	8
9	Contribution of Raman Scattering in Remote Sensing Retrieval of Suspended Sediment Concentration by Empirical Modeling. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 398-405.	4.9	7
10	On the retrieval of sea-ice thickness using SMOS polarization differences. <i>Journal of Glaciology</i> , 2019, 65, 481-493.	2.2	6
11	Chromaticity analysis of the Chilika lagoon for total suspended sediment estimation using RESOURCESAT-1 AWiFS data – A case study. <i>Journal of Great Lakes Research</i> , 2013, 39, 696-700.	1.9	5
12	Modeling and remote sensing of suspended sediments in the Gulf of Kachchh, India. <i>European Journal of Remote Sensing</i> , 2015, 48, 201-221.	3.5	4
13	Various remote sensing approaches to understanding roughness in the marginal ice zone. <i>Physics and Chemistry of the Earth</i> , 2015, 83-84, 75-83.	2.9	4
14	Assimilation of SMOS sea ice thickness in the regional ice prediction system. <i>International Journal of Remote Sensing</i> , 2021, 42, 4583-4606.	2.9	3
15	Microwave Emission and Scattering from Ocean Surface Waves in the Southern Beaufort Sea. <i>International Journal of Oceanography</i> , 2014, 2014, 1-12.	0.2	2
16	Sub-pixel evaluation of sea ice roughness using AMSR-E data. <i>International Journal of Remote Sensing</i> , 2015, 36, 749-763.	2.9	2
17	One-dimensional hydrogeophysical forward model in surface nuclear magnetic resonance (SNMR) computations. <i>Acta Geodaetica Et Geophysica</i> , 2013, 48, 363-376.	1.6	0