

# Mukesh Gupta

## List of Publications by Year in descending order

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