Suman Singha

List of Publications by Year
in descending order

22 papers	602 citations	759233 12 h-index	996975 15 g-index
22 all docs	22 docs citations	22 times ranked	703 citing authors

#	Article	IF	Citations
1	Robust Multiseasonal Ice Classification From High-Resolution X-Band SAR. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	4
2	C- and L-band SAR signatures of Arctic sea ice during freeze-up. Remote Sensing of Environment, 2022, 279, 113129.	11.0	4
3	MOSAiC drift expedition from October 2019 to July 2020: sea ice conditions from space and comparison with previous years. Cryosphere, 2021, 15, 3897-3920.	3.9	45
4	Robustness of SAR Sea Ice Type Classification Across Incidence Angles and Seasons at L-Band. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9941-9952.	6.3	17
5	Automating Sea Ice Characterisation from X-Band SAR with Co-Located Airborne Laser Scanner Data Obtained During the Mosaic Expedition. , 2021, , .		1
6	Year-Around C- and L- Band Observation Around the Mosaic Ice Floe with High Spatial and Temporal Resolution. , 2021, , .		0
7	The MOSAiC ice floe: sediment-laden survivor from the Siberian shelf. Cryosphere, 2020, 14, 2173-2187.	3.9	59
8	Pre-Launch Assessment of RADARSAT Constellation Mission Medium Resolution Modes for Sea Oil Slicks and Lookalike Discrimination. Canadian Journal of Remote Sensing, 2019, 45, 530-549.	2.4	9
9	Superposition of Sea Ice Classification Based on Synthetic Aperture Radar Images Considering Underlying Drift. , 2019, , .		0
10	Towards Operational Sea Ice Type Retrieval Using L-Band Synthetic Aperture Radar. , 2019, , .		0
11	Arctic Sea Ice Characterization Using Spaceborne Fully Polarimetric L-, C-, and X-Band SAR With Validation by Airborne Measurements. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3715-3734.	6.3	45
12	Evaluation of polarimetric features for sea ice characterization at X, C and L-band SAR. , 2017, , .		0
13	Comparing Near Coincident Space Borne C and X Band Fully Polarimetric SAR Data for Arctic Sea Ice Classification. Remote Sensing, 2016, 8, 198.	4.0	30
14	Investigation into Different Polarimetric Features for Sea Ice Classification Using X-Band Synthetic Aperture Radar. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3131-3143.	4.9	51
15	Offshore platform sourced pollution monitoring using space-borne fully polarimetric C and X band synthetic aperture radar. Marine Pollution Bulletin, 2016, 112, 327-340.	5.0	13
16	A Combination of Traditional and Polarimetric Features for Oil Spill Detection Using TerraSAR-X. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 4979-4990.	4.9	32
17	Dual-polarimetric feature extraction and evaluation for oil spill detection: A near real time perspective. , 2015, , .		2
18	A Neural Network-Based Classification for Sea Ice Types on X-Band SAR Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3672-3680.	4.9	94

#	Article	IF	Citations
19	Near real time monitoring of platform sourced pollution using TerraSAR-X over the North Sea. Marine Pollution Bulletin, 2014, 86, 379-390.	5.0	35
20	Satellite Oil Spill Detection Using Artificial Neural Networks. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 2355-2363.	4.9	105
21	Automatic Synthetic Aperture Radar based oil spill detection and performance estimation via a semi-automatic operational service benchmark. Marine Pollution Bulletin, 2013, 73, 199-209.	5.0	41
22	Detection and classification of oil spill and look-alike spots from SAR imagery using an Artificial Neural Network. , 2012, , .		15