Sudhir Kumar Chaturvedi

List of Publications by Year
in descending order

20 papers	214 citations	1478505 6 h-index	996975 15 g-index
21 all docs	21 docs citations	21 times ranked	215 citing authors

#	Article	IF	Citations
1	An assessment of oil spill detection using Sentinel 1 SAR-C images. Journal of Ocean Engineering and Science, 2020, 5, 116-135.	4.3	51
2	Study of synthetic aperture radar and automatic identification system for ship target detection. Journal of Ocean Engineering and Science, 2019, 4, 173-182.	4.3	45
3	Ship Recognition by Integration of SAR and AIS. Journal of Navigation, 2012, 65, 323-337.	1.7	41
4	Comparative Review Study of Military and Civilian Unmanned Aerial Vehicles (UAVs). INCAS Bulletin, 2019, 11, 183-198.	0.6	21
5	Mathematical modelling and analysis of plastic waste pollution and its impact on the ocean surface. Journal of Ocean Engineering and Science, 2020, 5, 136-163.	4.3	20
6	Detection of Ocean Wave Parameters Using Synthetic Aperture Radar (SAR) Data. Journal of Navigation, 2013, 66, 283-293.	1.7	8
7	A brief review on tsunami early warning detection using BPR approach and post analysis by SAR satellite dataset. Journal of Ocean Engineering and Science, 2017, 2, 83-89.	4.3	6
8	Measurement and validation of tsunami Eigen values for the various water wave conditions. Journal of Ocean Engineering and Science, 2020, 5, 41-54.	4.3	6
9	A Preliminary Study of Parameter Estimation for Fixed Wing Aircraft and High Endurability Parafoil Aerial Vehicle. INCAS Bulletin, 2020, 12, 95-109.	0.6	5
10	Development of Speed Up Robust Feature Algorithm for aerial image feature extraction. INCAS Bulletin, 2019, 11, 49-60.	0.6	3
11	Measurement of Tsunami Wave Eigenfunctions in Deep, Intermediate and Shallower Regions. Current Science, 2016, 110, 2292.	0.8	2
12	Mathematical review of the attitude control mechanism for a spacecraft. INCAS Bulletin, 2020, 12, 33-48.	0.6	2
13	Estimation of Probability of Detection and False Alarm Alert for Swerling Targets. Advances in Intelligent Systems and Computing, 2018, , 83-93.	0.6	1
14	Estimation of Parameters of Target Using RADAR Data Sets. Advances in Intelligent Systems and Computing, 2018, , 799-804.	0.6	1
15	Automatized Marine Vessel Monitoring from Sentinel-1 Data Using Convolution Neural Network. , 2021, , .		1
16	A review of orbital space robots on its technical aspects. INCAS Bulletin, 2019, 11, 29-43.	0.6	1
17	Detection of Ocean Wave Parameters Using Synthetic Aperture Radar (SAR) Data â€" RETRACTION. Journal of Navigation, 2014, 67, 927-927.	1.7	0
18	Design and Calculation of Power Aperture Parameters with Variable SNR. Advances in Intelligent Systems and Computing, 2018, , 49-54.	0.6	0

#	Article	IF	Citations
19	MATLAB-Based Graphical User Interface Development of RADAR with the Implementation of Noise Under Various Bands. Lecture Notes in Mechanical Engineering, 2018, , 69-76.	0.4	0
20	An analytical review on electric Propulsion system for space satellites. INCAS Bulletin, 2020, 12, 3-11.	0.6	0