Chan-Su Yang

List of Publications by Year
in descending order

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38	314	933447 10	940533 16
papers	citations	h-index	g-index

38	38	38	271
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Validation of MA-ATI SAR Theory Using Numerical Simulation for Estimating the Direction of Moving Targets and Ocean Currents. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 677-681.	3.1	5
2	Application of MA-ATI SAR for Estimating the Direction of Moving Water Surface Currents in Pi-SAR2 Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 2724-2730.	4.9	7
3	Enhancement of Ship Type Classification from a Combination of CNN and KNN. Electronics (Switzerland), 2021, 10, 1169.	3.1	14
4	Hidden Markov Model(HMM)-Based Fishing Activity Prediction Using V-Pass Data. Korea Society of Coastal Disaster Prevention, 2021, 8, 221-227.	0.2	2
5	Sea Fog Identification from GOCI Images Using CNN Transfer Learning Models. Electronics (Switzerland), 2020, 9, 311.	3.1	21
6	A Theory of Multiaperture Along-Track Interferometric Synthetic Aperture Radar. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1565-1569.	3.1	7
7	Application of synthetic aperture radar imagery for forward and backward tracking of oil slicks. Terrestrial, Atmospheric and Oceanic Sciences, 2019, 30, 509-519.	0.6	4
8	Brewster Angle Damping Observed in the TerraSAR-X Synthetic Aperture Radar Images of Man-Made Targets. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 532-536.	3.1	1
9	Hourly variation of green tide in the Yellow Sea during summer 2015 and 2016 using Geostationary Ocean Color Imager data. International Journal of Remote Sensing, 2018, 39, 4402-4415.	2.9	9
10	An Improved Method of Land Masking for Synthetic Aperture Radar-based Ship Detection. Journal of Navigation, 2018, 71, 788-804.	1.7	8
11	A simple sea fog prediction approach using GOCI observations and sea surface winds. Remote Sensing Letters, 2018, 9, 21-30.	1.4	4
12	Improved Detection of Tiny Macroalgae Patches in Korea Bay and Gyeonggi Bay by Modification of Floating Algae Index. Remote Sensing, 2018, 10, 1478.	4.0	4
13	Multi-Aperture Along-Track Interferometric Sar for Estimating Velocity Vector of Ocean Currents. , 2018, , .		3
14	Fundamental Research for Escape Guidance System Development of Passenger Ship. Journal of Navigation and Port Research, 2017, 41, 39-46.	0.1	2
15	Accuracy improvement of the radar backscatter simulation from sea surface covered by oil slick using fetch-dependent waveheight spectrum: Comparison with the 2007 Heibei Spirit Case in the Yellow Sea. Ocean Science Journal, 2016, 51, 235-249.	1.3	1
16	Estimation of Sea Fog Movement Using Satellite Data and 20-km WRF Wind Field in the East Sea from February to April in 2014. Korea Society of Coastal Disaster Prevention, 2016, 3, 128-134.	0.2	1
17	Fundamental Research on Spring Season Daytime Sea Fog Detection Using MODIS in the Yellow Sea. Korean Journal of Remote Sensing, 2016, 32, 339-351.	0.4	5
18	Automatic Image Contrast Enhancement for Small Ship Detection and Inspection Using RADARSAT-2 Synthetic Aperture Radar Data. Terrestrial, Atmospheric and Oceanic Sciences, 2016, 27, 463.	0.6	1

#	Article	IF	Citations
19	Construction of real-time remote ship monitoring system using Ka-band payload of COMS. Korean Journal of Remote Sensing, 2016, 32, 323-330.	0.4	1
20	Estimation of internal wave velocity in the shallow South China Sea using single and multiple satellite images. Remote Sensing Letters, 2015, 6, 448-457.	1.4	14
21	Spatio-temporal patterns of Secchi depth in the waters around the Korean Peninsula using MODIS data. Estuarine, Coastal and Shelf Science, 2015, 164, 172-182.	2.1	12
22	Development of the Operational Oceanographic System of Korea. Ocean Science Journal, 2015, 50, 353-369.	1.3	37
23	Near-Infrared Spectral Characteristics in Presence of Sun Glint Using CASI-1500 Data in Shallow Waters. Korean Journal of Remote Sensing, 2015, 31, 281-291.	0.4	0
24	Analysis of the Contribution of Wind Drift Factor to Oil Slick Movement under Strong Tidal Condition: Hebei Spirit Oil Spill Case. PLoS ONE, 2014, 9, e87393.	2.5	32
25	Classification of Passing Vessels Around the Ieodo Ocean Research Station Using Automatic Identification System (AIS): November 21-30, 2013. Journal of the Korean Society for Marine Environment & Energy, 2014, 17, 297-305.	0.2	6
26	An analysis of the radar backscatter fromoil-covered sea surfaces usingmomentmethod andMonte-Carlo simulation: preliminary results. Acta Oceanologica Sinica, 2013, 32, 59-67.	1.0	15
27	Validation of the semi-analytical algorithm for estimating vertical underwater visibility using MODIS data in the waters around Korea. Korean Journal of Remote Sensing, 2013, 29, 601-610.	0.4	4
28	Algorithm Implementation for Detection and Tracking of Ships Using FMCW Radar. Journal of the Korean Society for Marine Environment & Energy, 2013, 16, 1-8.	0.2	4
29	Ship Recognition by Integration of SAR and AIS. Journal of Navigation, 2012, 65, 323-337.	1.7	41
30	Geometric performance evaluation of the Geostationary Ocean Color Imager. Ocean Science Journal, 2012, 47, 235-246.	1.3	15
31	Polarimetric Scattering of Sea Ice and Snow Using L-band Quad-polarized PALSAR Data in Kongsfjorden, Svalbard. Ocean and Polar Research, 2011, 33, 1-11.	0.3	2
32	Retrieval of Spherical Ocean Wave Parameters Using RADARSAT-2 SAR Sensor Observed at Chukk, Micronesia. Korean Journal of Remote Sensing, 2011, 27, 213-223.	0.4	0
33	Comparison of Ship Detectability Using SAR Polarization Data: Envisat ASAR AP Mode. , 2008, , .		4
34	Alcohol effects on navigational ability using ship handling simulator. International Journal of Industrial Ergonomics, 2007, 37, 733-743.	2.6	19
35	Title is missing!. Journal of Oceanography, 2003, 59, 119-127.	1.7	8
36	TRAJECTORIES OF PROFILING FLOATS IN THE KUROSHIO EXTENSION REGION. Proceedings of Hydraulic Engineering, 2002, 46, 989-994.	0.0	0

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37	INFLUENCE OF ADVECTION OF KUROSHIO WATER ON ABNORMAL CATCH OF FISH IN JUNE 1999, AT THE COASTAL ZONE OF SOMA, NORTHEAST JAPAN. Proceedings of Hydraulic Engineering, 2001, 45, 1057-1062.	0.0	0
38	ESTIMATION OF THE THERMAL ENVIRONMENT AROUND THE SENDAI BAY. Proceedings of Civil Engineering in the Ocean, 2000, 16, 135-140.	0.0	1