Chen Feng

List of Publications by Year
in descending order

21 papers	121 citations	1684188 5 h-index	1872680 6 g-index
21 all docs	21 docs citations	21 times ranked	94 citing authors

#	Article	IF	Citations
1	Detection of Weak and Small Targets in Forward-Looking Sonar Image Using Multi-Branch Shuttle Neural Network. IEEE Sensors Journal, 2022, 22, 6772-6783.	4.7	10
2	Small Target Detection in X-Band Sea Clutter Using the Visibility Graph. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	5
3	An abnormal motion condition monitoring method based on the dynamic model and complex network for AUV. Ocean Engineering, 2021, 237, 109472.	4.3	13
4	Obstacle avoidance planning combining reinforcement learning and RRT applied to underwater operations. , 2021, , .		1
5	Navigation Algorithm Based on PSO-BP UKF of Autonomous Underwater Vehicle. , 2019, , .		4
6	Optical Sources Optimization for 3D Reconstruction Based on Underwater Vision System. , 2019, , .		1
7	Actuator Fault Diagnosis in Autonomous Underwater Vehicle Based on Principal Component Analysis. , 2019, , .		5
8	Application of AUV Navigation Based on SVD Unscented Particle Filter. , 2019, , .		0
9	Fault Tolerant Multi-Sensor Federated Filter for AUV Integrated Navigation. , 2019, , .		8
10	RT-Seg: A Real-Time Semantic Segmentation Network for Side-Scan Sonar Images. Sensors, 2019, 19, 1985.	3.8	16
11	USBL Positioning System Based Adaptive Kalman Filter in AUV. , 2018, , .		7
12	Construction of complex networks from time series based on the cross correlation interval. Open Physics, 2017, 15, 253-260.	1.7	6
13	PCA and Kernel-based extreme learning machine for side-scan sonar image classification. , 2017, , .		8
14	Side-scan sonar image segmentation using Kernel-based Extreme Learning Machine. , 2017, , .		5
15	Sensor fault diagnosis of autonomous underwater vehicle based on extreme learning machine. , 2017, , .		10
16	Classification and mosaicking of side scan sonar image. , 2017, , .		3
17	Detection performance analysis of recurrence quantification analysis measures for low observable target within sea clutter under different sea conditions. IET Radar, Sonar and Navigation, 2015, 9, 447-456.	1.8	8
18	Analysis of real sea clutter based on meta recurrence plot. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Application of Connected Morphological Operators to Image Smoothing and Edge Detection of Algae. , 2009, , .		5
20	Image Edge Detection Based on Improved Local Fractal Dimension. , 2008, , .		2
21	3D object recognition from 2D invariant view sequence under translation, rotation and scale by means of ann ensemble. , 0, , .		4