Mohamed S Shehata

List of Publications by Year
in descending order

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		759233	526287
37	779	12	27
papers	citations	h-index	g-index

37	37	37	1084
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Salient object detection using semantic segmentation technique. International Journal of Computational Vision and Robotics, 2022, 12, 17.	0.3	2
2	SATSal: A Multi-Level Self-Attention Based Architecture for Visual Saliency Prediction. IEEE Access, 2022, 10, 20701-20713.	4.2	14
3	Automated human cell classification in sparse datasets using few-shot learning. Scientific Reports, 2022, 12, 2924.	3.3	14
4	CORONA-Net: Diagnosing COVID-19 from X-ray Images Using Re-Initialization and Classification Networks. Journal of Imaging, 2021, 7, 81.	3.0	10
5	Task-based parameter isolation for foreground segmentation without catastrophic forgetting using multi-scale region and edges fusion network. Image and Vision Computing, 2021, 113, 104248.	4.5	4
6	MODY-Net: Moving Object Detection Using Multiscale Output Ensemble Y-Network. Canadian Journal of Electrical and Computer Engineering, 2021, , 1-6.	2.0	0
7	Local null space pursuit for real-time moving object detection in aerial surveillance. Signal, Image and Video Processing, 2020, 14, 87-95.	2.7	13
8	Accurate Probability Distribution Calculation for Drone-Based Highway-VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 1127-1130.	6.3	8
9	Performance Evaluation of Pre-Trained CNN Models for Visual Saliency Prediction. , 2020, , .		1
10	MODSiam: Moving Object Detection using Siamese Networks. , 2020, , .		1
11	Guest Editorial Special Issue on CCECE 2019. Canadian Journal of Electrical and Computer Engineering, 2020, 43, 121-121.	2.0	0
12	A novel fully convolutional network for visual saliency prediction. PeerJ Computer Science, 2020, 6, e280.	4.5	6
13	KRMARO: Aerial Detection of Small-Size Ground Moving Objects Using Kinematic Regularization and Matrix Rank Optimization. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1672-1686.	8.3	12
14	Visual Saliency Prediction Based on Deep Learning. Information (Switzerland), 2019, 10, 257.	2.9	11
15	Convolutional Neural Network for Copy-Move Forgery Detection. Symmetry, 2019, 11, 1280.	2.2	28
16	Copy-Move Forgery Detection and Localization Using a Generative Adversarial Network and Convolutional Neural-Network. Information (Switzerland), 2019, 10, 286.	2.9	27
17	An Accelerated Sequential PCP-Based Method for Ground-Moving Objects Detection From Aerial Videos. IEEE Transactions on Image Processing, 2019, 28, 5991-6006.	9.8	8
18	On the End-to-End Delay in a One-Way VANET. IEEE Transactions on Vehicular Technology, 2019, 68, 8336-8346.	6.3	7

#	Article	IF	Citations
19	Semi-Automatic Algorithms for Estimation and Tracking of AP-Diameter of the IVC in Ultrasound Images. Journal of Imaging, 2019, 5, 12.	3.0	2
20	Adaptive Polar Active Contour for Segmentation and Tracking in Ultrasound Videos. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1209-1222.	8.3	18
21	Drone-Based Highway-VANET and DAS Service. IEEE Access, 2018, 6, 20125-20137.	4.2	51
22	MARO: matrix rank optimization for the detection of small-size moving objects from aerial camera platforms. Signal, Image and Video Processing, 2018, 12, 641-649.	2.7	5
23	Adaptive Framework for Robust Visual Tracking. IEEE Access, 2018, 6, 55273-55283.	4.2	4
24	A Multiple Classifier System to improve mapping complex land covers: a case study of wetland classification using SAR data in Newfoundland, Canada. International Journal of Remote Sensing, 2018, 39, 7370-7383.	2.9	26
25	Estimation and tracking of AP-diameter of the inferior vena cava in ultrasound images using a novel active circle algorithm. Computers in Biology and Medicine, 2018, 98, 16-25.	7.0	8
26	Probability Distribution of the Re-Healing Delay in a One-Way Highway VANET. IEEE Communications Letters, 2018, 22, 2056-2059.	4.1	3
27	DensSiam: End-to-End Densely-Siamese Network with Self-Attention Model for Object Tracking. Lecture Notes in Computer Science, 2018, , 463-473.	1.3	31
28	AEIPA: Docker-based system for Automated Evaluation of Image Processing Algorithms. , 2017, , .		0
29	Structural Health Monitoring Using Wireless Sensor Networks: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 1403-1423.	39.4	321
30	Effect of Denoising Algorithms on Video Stabilization. , 2017, , .		0
31	Delay analysis for drone-based vehicular Ad-Hoc Networks. , 2017, , .		15
32	A novel method for segmenting moving objects in aerial imagery using matrix recovery and physical spring model. , 2016, , .		6
33	StableFlow: A novel real-time method for digital video stabilization. , 2016, , .		0
34	Moving object detection from moving platforms using Lagrange multiplier. , 2015, , .		10
35	UT-MARO: Unscented Transformation and Matrix Rank Optimization for Moving Objects Detection in Aerial Imagery. Lecture Notes in Computer Science, 2015, , 275-284.	1.3	4
36	Video-Based Automatic Incident Detection for Smart Roads: The Outdoor Environmental Challenges Regarding False Alarms. IEEE Transactions on Intelligent Transportation Systems, 2008, 9, 349-360.	8.0	78

#	Article	IF	Citations
37	Using semi-formal methods for detecting interactions among smart homes policies. Science of Computer Programming, 2007, 67, 125-161.	1.9	31