Fan Guo

List of Publications by Year
in descending order

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46 papers	668 citations	623734 14 h-index	677142 22 g-index
46 all docs	46 docs citations	46 times ranked	624 citing authors

#	Article	IF	Citations
1	Improved Single Image Dehazing Using Dark Channel Prior and Multi-scale Retinex. , 2010, , .		100
2	Robust Arbitrary-View Gait Recognition Based on 3D Partial Similarity Matching. IEEE Transactions on Image Processing, 2017, 26, 7-22.	9.8	63
3	Direct Cup-to-Disc Ratio Estimation for Glaucoma Screening via Semi-Supervised Learning. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1104-1113.	6.3	52
4	Yanbao: A Mobile App Using the Measurement of Clinical Parameters for Glaucoma Screening. IEEE Access, 2018, 6, 77414-77428.	4.2	35
5	Automated glaucoma screening method based on image segmentation and feature extraction. Medical and Biological Engineering and Computing, 2020, 58, 2567-2586.	2.8	35
6	Genetic algorithm-based parameter selection approach to single image defogging. Information Processing Letters, 2016, 116, 595-602.	0.6	28
7	Single image dehazing based on fusion strategy. Neurocomputing, 2020, 378, 9-23.	5.9	27
8	Localisation and segmentation of optic disc with the fractionalâ€order Darwinian particle swarm optimisation algorithm. IET Image Processing, 2018, 12, 1303-1312.	2.5	24
9	Multi-point shortest path planning based on an Improved Discrete Bat Algorithm. Applied Soft Computing Journal, 2020, 95, 106498.	7.2	24
10	Foggy Scene Rendering Based on Transmission Map Estimation. International Journal of Computer Games Technology, 2014, 2014, 1-13.	2.5	22
11	Objective measurement for image defogging algorithms. Journal of Central South University, 2014, 21, 272-286.	3.0	21
12	Image Dehazing Based on Haziness Analysis. International Journal of Automation and Computing, 2014, 11, 78-86.	4.5	20
13	Objective Assessment Method for the Clearness Effect of Image Defogging Algorithm. Zidonghua Xuebao/Acta Automatica Sinica, 2012, 38, 1410.	0.3	20
14	Automatic Retinal Image Registration Using Blood Vessel Segmentation and SIFT Feature. International Journal of Pattern Recognition and Artificial Intelligence, 2017, 31, 1757006.	1.2	18
15	<scp>TSNN</scp>: <scp>Threeâ€Stream</scp> Combining <scp>2D</scp> and <scp>3D</scp> Convolutional Neural Network for Microâ€Expression Recognition. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 98-107.	1.4	17
16	Chinese Traffic Police Gesture Recognition in Complex Scene. , 2011, , .		16
17	Universal strategy for surveillance video defogging. Optical Engineering, 2012, 51, 101703.	1.0	15
18	DilUnet: A U-net based architecture for blood vessels segmentation. Computer Methods and Programs in Biomedicine, 2022, 218, 106732.	4.7	15

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19	Adaptive estimation of depth map for two-dimensional to three-dimensional stereoscopic conversion. Optical Review, 2014, 21, 60-73.	2.0	12
20	Gesture recognition of traffic police based on static and dynamic descriptor fusion. Multimedia Tools and Applications, 2017, 76, 8915-8936.	3.9	12
21	Max-covering scheme for gesture recognition of Chinese traffic police. Pattern Analysis and Applications, 2015, 18, 403-418.	4.6	11
22	MES-Net: a new network for retinal image segmentation. Multimedia Tools and Applications, 2021, 80, 14767-14788.	3.9	11
23	Automatic Image Haze Removal Based on Luminance Component. , 2010, , .		10
24	Glaucoma screening pipeline based on clinical measurements and hidden features. IET Image Processing, 2019, 13, 2213-2223.	2.5	9
25	Gesture Recognition for Chinese Traffic Police. , 2015, , .		7
26	3D Reconstruction and Registration for Retinal Image Pairs. , 2018, , .		6
27	A Markov Random Field Model for the Restoration of Foggy Images. International Journal of Advanced Robotic Systems, 2014, 11, 92.	2.1	5
28	Sequential Far Infrared Image Mosaic Using Coarse-to-Fine Scheme. IEEE Access, 2019, 7, 70185-70199.	4.2	5
29	Single image defogging based on particle swarm optimization. Optoelectronics Letters, 2017, 13, 452-456.	0.8	4
30	A mobile app for Glaucoma diagnosis and its possible clinical applications. BMC Medical Informatics and Decision Making, 2020, 20, 128.	3.0	4
31	A novel method of converting photograph into Chinese ink painting. IEEJ Transactions on Electrical and Electronic Engineering, 2015, 10, 320-329.	1.4	3
32	Image Recovery for Ancient Chinese Paintings. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2013, 6, 165-178.	0.2	3
33	Single Image Dehazing Using Adaptive Sky Segmentation. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 1209-1220.	1.4	2
34	Automatic 2D-to-3D Image Conversion based on Depth Map Estimation. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2015, 8, 99-112.	0.2	2
35	Automatic geoâ€localization framework without GNSS data. IET Image Processing, 2022, 16, 2180-2195.	2.5	2
36	Automatic Measurement of Cup-to-Disc Ratio for Retinal Images. Lecture Notes in Computer Science, 2018, , 453-465.	1.3	1

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37	Automatic segmentation of optic disc and cup for CDR calculation. Optoelectronics Letters, 2019, 15, 381-385.	0.8	1
38	Fast Geo-Location Method Based on Panoramic Skyline in Hilly Area. ISPRS International Journal of Geo-Information, 2021, 10, 537.	2.9	1
39	Virtual game scenario generation using brain computer interface. , 2018, , .		1
40	Temporal-Spatial Filtering for Enhancement of Low-Light Surveillance Video. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2016, 20, 652-661.	0.9	1
41	PSO-Based Single Image Defogging. Communications in Computer and Information Science, 2017, , 394-406.	0.5	1
42	Retinal Blood Vessel Segmentation Using Extreme Learning Machine. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2017, 21, 1280-1290.	0.9	1
43	Parameter Selection of Image Fog Removal Using Artificial Fish Swarm Algorithm. Lecture Notes in Computer Science, 2018, , 25-37.	1.3	1
44	Single Image Haze Removal Based on Priori Image Geometry and Edge-Preserving Filtering. Communications in Computer and Information Science, 2016, , 26-41.	0.5	0
45	Cylindrical and Conical Mirror Anamorphosis for Image Display. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2016, 9, 383-398.	0.2	0
46	MTCLF: A multitask curriculum learning framework for unbiased glaucoma screenings. Computer Methods and Programs in Biomedicine, 2022, 221, 106910.	4.7	0