

Jian Yao

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,433
citations

686830

13
h-index

395343

33
g-index

61
all docs

61
docs citations

61
times ranked

3477
citing authors

#	ARTICLE	IF	CITATIONS
1	A Unified Framework for Street-View Panorama Stitching. <i>Sensors</i> , 2017, 17, 1.	2.1	1,255
2	DeepCrack: A deep hierarchical feature learning architecture for crack segmentation. <i>Neurocomputing</i> , 2019, 338, 139-153.	3.5	428
3	Joint learning of image detail and transmission map for single image dehazing. <i>Visual Computer</i> , 2020, 36, 305-316.	2.5	68
4	CannyLines: A parameter-free line segment detector. , 2015, , .		61
5	Optimal seamline detection for multiple image mosaicking via graph cuts. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016, 113, 1-16.	4.9	48
6	A Monocular SLAM System Leveraging Structural Regularity in Manhattan World. , 2018, , .		40
7	Deformable Spatial Propagation Networks For Depth Completion. , 2020, , .		38
8	DM-SLAM: A Feature-Based SLAM System for Rigid Dynamic Scenes. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 202.	1.4	36
9	Line-based Multi-Label Energy Optimization for fisheye image rectification and calibration. , 2015, , .		28
10	Guided color consistency optimization for image mosaicking. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 135, 43-59.	4.9	28
11	Multi-Oriented and Scale-Invariant License Plate Detection Based on Convolutional Neural Networks. <i>Sensors</i> , 2019, 19, 1175.	2.1	24
12	VIC-Net: Voxelization Information Compensation Network for Point Cloud 3D Object Detection. , 2021, , .		22
13	Roof Plane Segmentation from Airborne LiDAR Data Using Hierarchical Clustering and Boundary Relabeling. <i>Remote Sensing</i> , 2020, 12, 1363.	1.8	21
14	Segmentation-based classification for 3D point clouds in the road environment. <i>International Journal of Remote Sensing</i> , 2018, 39, 6182-6212.	1.3	17
15	Feed-Net: Fully End-to-End Dehazing. , 2018, , .		17
16	Line segment matching: A benchmark. , 2016, , .		16
17	Chlorine and sulfur determination in water using indirect laser-induced breakdown spectroscopy. <i>Talanta</i> , 2020, 214, 120849.	2.9	16
18	Color Consistency Correction Based on Remapping Optimization for Image Stitching. , 2017, , .		15

#	ARTICLE	IF	CITATIONS
19	A closed-form solution for multi-view color correction with gradient preservation. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 157, 188-200.	4.9	15
20	Edge-Enhanced Optimal Seamline Detection for Orthoimage Mosaicking. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 764-768.	1.4	14
21	Extraction of Street Pole-Like Objects Based on Plane Filtering From Mobile LiDAR Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 749-768.	2.7	14
22	A Novel Octree-Based 3-D Fully Convolutional Neural Network for Point Cloud Classification in Road Environment. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7799-7818.	2.7	13
23	Jointly optimizing global and local color consistency for multiple image mosaicking. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 170, 45-56.	4.9	13
24	Combining points and lines for camera pose estimation and optimization in monocular visual odometry. , 2017, , .		12
25	Complex and photo-realistic scene representation based on range planar segmentation and model fusion. International Journal of Robotics Research, 2011, 30, 1263-1283.	5.8	9
26	Joint point and line segment matching on wide-baseline stereo images. , 2016, , .		9
27	Generalized Content-Preserving Warp: Direct Photometric Alignment Beyond Color Consistency. IEEE Access, 2018, 6, 69835-69849.	2.6	9
28	Robust Multi-Feature Learning for Skeleton-Based Action Recognition. IEEE Access, 2019, 7, 148658-148671.	2.6	9
29	A robust projection plane selection strategy for UAV image stitching. International Journal of Remote Sensing, 2019, 40, 3118-3138.	1.3	9
30	Automatic freezing-tolerant rapeseed material recognition using UAV images and deep learning. Plant Methods, 2022, 18, 5.	1.9	9
31	Segmentation-based classification for 3D urban point clouds. , 2016, , .		8
32	Superpixel-based optimal seamline detection in the gradient domain via graph cuts for orthoimage mosaicking. International Journal of Remote Sensing, 2018, 39, 3908-3925.	1.3	8
33	Optimal seamline detection in dynamic scenes via graph cuts for image mosaicking. Machine Vision and Applications, 2017, 28, 819-837.	1.7	7
34	A Novel Multi-Focus Image Fusion Network with U-Shape Structure. Sensors, 2020, 20, 3901.	2.1	7
35	Adaptive Feature Selection With Reinforcement Learning for Skeleton-Based Action Recognition. IEEE Access, 2020, 8, 213038-213051.	2.6	7
36	Pedestrian detection from still images based on multi-feature covariances. , 2013, , .		6

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37	Edge-based split-and-merge superpixel segmentation. , 2015, , .		6
38	Superpixel-based optimal seamline detection via graph cuts for panoramic images. , 2016, , .		6
39	Identification of Gravesâ€™ ophthalmology by laser-induced breakdown spectroscopy combined with machine learning method. Frontiers of Optoelectronics, 2020, 14, 321.	1.9	6
40	Global Color Consistency Correction for Large-Scale Images in 3-D Reconstruction. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3074-3088.	2.3	6
41	A unified probabilistic framework of robust and efficient color consistency correction for multiple images. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 190, 1-24.	4.9	6
42	Data-Adaptive Packing Method for Compression of Dynamic Point Cloud Sequences. , 2019, , .		5
43	Multiple Combined Constraints for Image Stitching. , 2018, , .		4
44	Grid Model-Based Global Color Correction for Multiple Image Mosaicking. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 2006-2010.	1.4	4
45	Optimizing Local Alignment along the Seamline for Parallax-Tolerant Orthoimage Mosaicking. Remote Sensing, 2022, 14, 3271.	1.8	4
46	Scale selection based on Moran's I for segmentation of high resolution remotely sensed images. , 2014, , .		3
47	Adaptive UKF-SLAM based on magnetic gradient inversion method for underwater navigation. , 2015, , .		3
48	Edge chain detection by applying Helmholtz principle on gradient magnitude map. , 2016, , .		3
49	Subtracted Histogram: Utilizing Mutual Relation Between Features for Thresholding. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 7415-7435.	2.7	3
50	Line-Based Geometric Consensus Rectification and Calibration From Single Distorted Manhattan Image. IEEE Access, 2019, 7, 156400-156412.	2.6	3
51	Contrast-Aware Color Consistency Correction for Multiple Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4941-4955.	2.3	3
52	Automatic marker detection from X-ray images. , 2013, , .		2
53	An efficient method for text detection from indoor panorama images using Extremal Regions. , 2015, , .		2
54	Strong Authentication Scheme Based on Hand Geometry and Smart Card Factors. Computers, 2016, 5, 15.	2.1	2

#	ARTICLE	IF	CITATIONS
55	Video Stitching with Extended-MeshFlow. , 2018, , .		2
56	Single Image Haze Removal via Joint Estimation of Detail and Transmission. , 2018, , .		2
57	Fusing color and texture features for stereo matching. , 2013, , .		1
58	Robust alignment for UAV images based on adaptive adjustment. , 2016, , .		1
59	Ocean surface approximation from scattered numerical marine forecast data. , 2015, , .		0
60	NETLines: Recovering line-networks via gradient-based line segments refinement. , 2015, , .		0
61	Single Image Super-Resolution Using Depth Map as Constraint. , 2020, , .		0