

Qing Wang

List of Publications by Year in descending order

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63
papers

546
citations

933447

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g-index

63
all docs

63
docs citations

63
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	PNRNet: Physically-Inspired Neural Rendering for Any-to-Any Relighting. IEEE Transactions on Image Processing, 2022, 31, 3935-3948.	9.8	2
2	4D Light Field Segmentation From Light Field Super-Pixel Hypergraph Representation. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 3597-3610.	4.4	17
3	Region-based depth feature descriptor for saliency detection on light field. Multimedia Tools and Applications, 2021, 80, 16329-16346.	3.9	11
4	Revisiting Spatio-Angular Trade-off in Light Field Cameras and Extended Applications in Super-Resolution. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 3019-3033.	4.4	21
5	Adversarial Training for Multi-domain Speaker Recognition. , 2021, , .		6
6	NTIRE 2021 Depth Guided Image Relighting Challenge. , 2021, , .		10
7	Common self-polar triangle of separate circles for light field camera calibration. Xibei Gongye Daxue Xuebao/Journal of Northwestern Polytechnical University, 2021, 39, 521-528.	0.5	0
8	3D Scene Reconstruction with an Un-calibrated Light Field Camera. International Journal of Computer Vision, 2021, 129, 3006-3026.	15.6	5
9	Pyramid Dilated Attention Network for Action Segmentation. , 2021, , .		0
10	Deep Anti-Aliasing of Whole Focal Stack Using Slice Spectrum. IEEE Transactions on Computational Imaging, 2021, 7, 1328-1340.	4.4	2
11	Duality Temporal-Channel-Frequency Attention Enhanced Speaker Representation Learning. , 2021, , .		3
12	Deep Face Recognition for Intelligent Video Surveillance at Electrical Substations. , 2021, , .		0
13	Full View Optical Flow Estimation Leveraged From Light Field Superpixel. IEEE Transactions on Computational Imaging, 2020, 6, 12-23.	4.4	6
14	4D Light Field Superpixel and Segmentation. IEEE Transactions on Image Processing, 2020, 29, 85-99.	9.8	17
15	Ray-Space Epipolar Geometry for Light Field Cameras. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, PP, 1-1.	13.9	3
16	Accurate 3D Reconstruction from Circular Light Field Using CNN-LSTM. , 2020, , .		8
17	DGAN: Disentangled Representation Learning for Anisotropic BRDF Reconstruction. , 2020, , .		0
18	AIM 2020: Scene Relighting and Illumination Estimation Challenge. Lecture Notes in Computer Science, 2020, , 499-518.	1.3	27

#	ARTICLE	IF	CITATIONS
19	SA-AE for Any-to-Any Relighting. Lecture Notes in Computer Science, 2020, , 535-549.	1.3	4
20	A Generic Multi-Projection-Center Model and Calibration Method for Light Field Cameras. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2539-2552.	13.9	34
21	Ray-Space Projection Model for Light Field Camera. , 2019, , .		5
22	Common Self-polar Triangle of Concentric Conics for Light Field Camera Calibration. Lecture Notes in Computer Science, 2019, , 18-33.	1.3	4
23	Dense Light Field Reconstruction from Sparse Sampling Using Residual Network. Lecture Notes in Computer Science, 2019, , 50-65.	1.3	5
24	Light field planar homography and its application. , 2019, , .		4
25	Light field SLAM based on ray-space projection model. , 2019, , .		3
26	Unsupervised Domain Adaptation via Domain Adversarial Training for Speaker Recognition. , 2018, , .		73
27	Motion-Based Temporal Alignment of Independently Moving Cameras. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 2344-2354.	8.3	4
28	Light field imaging: models, calibrations, reconstructions, and applications. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 1236-1249.	2.6	19
29	Occlusion-Model Guided Antioclusion Depth Estimation in Light Field. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 965-978.	10.8	56
30	Robust outlier removal using penalized linear regression in multiview geometry. Neurocomputing, 2017, 267, 455-465.	5.9	4
31	Investigation of fixed-dimensional speech representations for real-time speech emotion recognition system. , 2017, , .		3
32	High angular resolution light field reconstruction with coded-aperture mask. , 2017, , .		1
33	Extending the FOV from disparity and color consistencies in multiview light fields. , 2017, , .		5
34	4D Light Field Superpixel and Segmentation. , 2017, , .		28
35	Disparity Estimation for Focused Light Field Camera Using Cost Aggregation in Micro-Images. , 2017, , .		0
36	Epipolar Plane Image Rectification and Flat Surface Detection in Light Field. Journal of Electrical and Computer Engineering, 2017, 2017, 1-9.	0.9	0

#	ARTICLE	IF	CITATIONS
37	Accurate disparity estimation in light field using ground control points. Computational Visual Media, 2016, 2, 173-181.	17.5	3
38	Rectifying projective distortion in 4D light field. , 2016, , .		4
39	Decoding and calibration method on focused plenoptic camera. Computational Visual Media, 2016, 2, 57-69.	17.5	14
40	LFHOG: A discriminative descriptor for live face detection from light field image. , 2016, , .		24
41	Matching Cost Fusion in Dense Depth Recovery for Camera-Array via Global Optimization. , 2014, , .		3
42	Figure-Aware Tracking under Occlusion from Monocular Videos. , 2014, , .		0
43	Sparse representation with geometric configuration constraint for line segment matching. Neurocomputing, 2014, 134, 100-110.	5.9	3
44	Wetting failure of hydrophilic surfaces promoted by surface roughness. Scientific Reports, 2014, 4, 5376.	3.3	53
45	Depth free entropy based ghost removal on synthetic aperture images. , 2013, , .		1
46	A Novel Depth Recovery Approach from Multi-View Stereo Based Focusing. , 2013, , .		0
47	Enhanced Continuous Tabu Search for Parameter Estimation in Multiview Geometry. , 2013, , .		0
48	Societally connected multimedia across cultures. Journal of Zhejiang University: Science C, 2012, 13, 875-880.	0.7	0
49	Distance-based Multiple Paths Quantization of Vocabulary Tree for Object and Scene Retrieval. IPSJ Transactions on Computer Vision and Applications, 2010, 2, 253-261.	4.4	0
50	Adaptive Enhancement with Speckle Reduction for SAR Images Using Mirror-Extended Curvelet and PSO. , 2010, , .		2
51	A Comprehensive Evaluation on Non-deterministic Motion Estimation. , 2010, , .		0
52	Multiple unordered wide-baseline image matching and grouping. , 2009, , .		0
53	Joint image registration and super-resolution reconstruction based on regularized total least norm. , 2009, , .		3
54	Efficient Scene Image Clustering for Internet Collections. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
55	A novel local feature descriptor for image matching. , 2008, , .		2
56	Motion estimation approach based on dual-tree complex wavelets. , 2008, , .		1
57	A Novel Macroblock Layer Rate Control for H.264/AVC. , 2007, , .		0
58	A Novel Human Gait Recognition Method by Segmenting and Extracting the Region Variance Feature. , 2006, , .		10
59	A New Oriented Adaptive Cross Search Algorithm for Block Matching Motion Estimation. , 2006, , .		1
60	QP_TR Trust Region Blob Tracking Through Scale-Space. , 2006, , .		1
61	Object Tracking by Multi-Degrees of Freedom Mean Shift Procedure Combined with the Kalman Particle Filter Algorithm. , 2006, , .		5
62	A New Automatic Gait Recognition method based on the Perceptual Curve. , 2005, , .		13
63	Hierarchical content classification and script determination for automatic document image processing. Pattern Recognition, 2003, 36, 2483-2500.	8.1	13