

# Shuaicheng Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6613996/publications.pdf>

Version: 2024-02-01

48  
papers

1,373  
citations

623734

14  
h-index

434195

31  
g-index

48  
all docs

48  
docs citations

48  
times ranked

829  
citing authors

#	ARTICLE	IF	CITATIONS
1	DeepOIS: Gyroscope-Guided Deep Optical Image Stabilizer Compensation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2856-2867.	8.3	3
2	Quadratic Terms Based Point-to-Surface 3D Representation for Deep Learning of Point Cloud. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2705-2718.	8.3	9
3	JigsawGAN: Auxiliary Learning for Solving Jigsaw Puzzles With Generative Adversarial Networks. IEEE Transactions on Image Processing, 2022, 31, 513-524.	9.8	14
4	Depth-Aware Multi-Grid Deep Homography Estimation With Contextual Correlation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4460-4472.	8.3	29
5	ASFlow: Unsupervised Optical Flow Learning With Adaptive Pyramid Sampling. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4282-4295.	8.3	9
6	UPHDR-GAN: Generative Adversarial Network for High Dynamic Range Imaging With Unpaired Data. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7532-7546.	8.3	1
7	Rich Visual Knowledge-Based Augmentation Network for Visual Question Answering. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4362-4373.	11.3	28
8	OAENet: Oriented attention ensemble for accurate facial expression recognition. Pattern Recognition, 2021, 112, 107694.	8.1	52
9	SDP-GAN: Saliency Detail Preservation Generative Adversarial Networks for High Perceptual Quality Style Transfer. IEEE Transactions on Image Processing, 2021, 30, 374-385.	9.8	19
10	Semi-Supervised Pixel-Level Scene Text Segmentation by Mutually Guided Network. IEEE Transactions on Image Processing, 2021, 30, 8212-8221.	9.8	14
11	Unsupervised Deep Image Stitching: Reconstructing Stitched Features to Images. IEEE Transactions on Image Processing, 2021, 30, 6184-6197.	9.8	82
12	Single Exposure High Dynamic Range Image Reconstruction Based on Deep Dual-Branch Network. IEEE Access, 2021, 9, 9610-9624.	4.2	3
13	A new single-view 3D pantograph reconstruction aided by prior CAD model. Measurement: Journal of the International Measurement Confederation, 2021, 181, 109615.	5.0	3
14	Hierarchical Region Proposal Refinement Network for Weakly Supervised Object Detection. , 2021, , .		3
15	OIFlow: Occlusion-Inpainting Optical Flow Estimation by Unsupervised Learning. IEEE Transactions on Image Processing, 2021, 30, 6420-6433.	9.8	23
16	SlimConv: Reducing Channel Redundancy in Convolutional Neural Networks by Features Recombining. IEEE Transactions on Image Processing, 2021, 30, 6434-6445.	9.8	14
17	Practical Wide-Angle Portraits Correction with Deep Structured Models. , 2021, , .		6
18	Automatic Detection of Small Intestinal Hookworms in Capsule Endoscopy Images Based on a Convolutional Neural Network. Gastroenterology Research and Practice, 2021, 2021, 1-8.	1.5	8

#	ARTICLE	IF	CITATIONS
19	GyroFlow: Gyroscope-Guided Unsupervised Optical Flow Learning. , 2021, , .		7
20	PBR-Net: Imitating Physically Based Rendering Using Deep Neural Network. IEEE Transactions on Image Processing, 2020, 29, 5980-5992.	9.8	4
21	A pilot trial of Convolution Neural Network for automatic retention-monitoring of capsule endoscopes in the stomach and duodenal bulb. Scientific Reports, 2020, 10, 4103.	3.3	8
22	Light-Field Raw Data Synthesis From RGB-D Images: Pushing to the Extreme. IEEE Access, 2020, 8, 33391-33405.	4.2	3
23	An efficient and compact 3D local descriptor based on the weighted height image. Information Sciences, 2020, 520, 209-231.	6.9	18
24	Multi-exposure photomontage with hand-held cameras. Computer Vision and Image Understanding, 2020, 193, 102929.	4.7	4
25	Removing Rain Streaks by a Linear Model. IEEE Access, 2020, 8, 54802-54815.	4.2	8
26	Content-Aware Unsupervised Deep Homography Estimation. Lecture Notes in Computer Science, 2020, , 653-669.	1.3	69
27	View-Consistent Intrinsic Decomposition for Stereoscopic Images. IEEE Access, 2019, 7, 140355-140366.	4.2	0
28	DeepLiDAR: Deep Surface Normal Guided Depth Prediction for Outdoor Scene From Sparse LiDAR Data and Single Color Image. , 2019, , .		213
29	Multi-exposure Fusion With JPEG Compression Guidance. , 2018, , .		0
30	Block-based Image Coding by Compression-Constrained Transform Domain Down-Scaling. , 2018, , .		1
31	Photomontage for Robust HDR Imaging with Hand-Held Cameras. , 2018, , .		6
32	View-Consistent MeshFlow for Stereoscopic Video Stabilization. IEEE Transactions on Computational Imaging, 2018, 4, 573-584.	4.4	12
33	Coding Trajectory: Enable Video Coding for Video Denoising. , 2018, , .		0
34	A 3D Descriptor based on Local Height Image. , 2018, , .		1
35	A Hybrid Approach for Near-Range Video Stabilization. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1922-1933.	8.3	24
36	CodingFlow: Enable Video Coding for Video Stabilization. IEEE Transactions on Image Processing, 2017, 26, 3291-3302.	9.8	32

#	ARTICLE	IF	CITATIONS
37	A Hierarchical Approach for Rain or Snow Removing in a Single Color Image. IEEE Transactions on Image Processing, 2017, 26, 3936-3950.	9.8	154
38	MMSE-Directed Linear Image Interpolation Based on Nonlocal Geometric Similarity. IEEE Signal Processing Letters, 2017, 24, 1178-1182.	3.6	6
39	Meshflow video denoising. , 2017, , .		7
40	Subaperture image segmentation for lossless compression. , 2017, , .		3
41	Endoscopic video deblurring via synthesis. , 2017, , .		3
42	Seamless Video Stitching from Hand-held Camera Inputs. Computer Graphics Forum, 2016, 35, 479-487.	3.0	47
43	Joint bundled camera paths for stereoscopic video stabilization. , 2016, , .		6
44	Joint Video Stitching and Stabilization From Moving Cameras. IEEE Transactions on Image Processing, 2016, 25, 5491-5503.	9.8	71
45	Notice of Removal Kernel-free video deblurring via synthesis. , 2016, , .		6
46	Intrinsic decomposition for stereoscopic images. , 2016, , .		3
47	SteadyFlow: Spatially Smooth Optical Flow for Video Stabilization. , 2014, , .		133
48	Bundled camera paths for video stabilization. ACM Transactions on Graphics, 2013, 32, 1-10.	7.2	204