

Yuzhen Niu

List of Publications by Year in Descending Order

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Version: 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58

papers

781

citations

16

h-index

26

g-index

72

ext. papers

990

ext. citations

3.9

avg, IF

4.67

L-index

#	Paper	IF	Citations
58	Efficient Encoder-Decoder Network with Estimated Direction for SAR Ship Detection. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022 , 1-1	4.1	0
57	Coarse-to-Fine Person Re-Identification with Auxiliary-Domain Classification and Second-Order Information Bottleneck 2021 ,		3
56	Self-Evolutionary Neuron Model for Fast-Response Spiking Neural Networks. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021 , 1-1	3	0
55	Image Retargeting Quality Assessment Based on Registration Confidence Measure and Noticeability-Based Pooling. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 31, 972-985	6.4	6
54	HDR-GAN: HDR Image Reconstruction From Multi-Exposed LDR Images With Large Motions. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 3885-3896	8.7	13
53	Event-Driven Intrinsic Plasticity for Spiking Convolutional Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	3
52	Single Image Super-Resolution: From Discrete to Continuous Scale Without Retraining. <i>IEEE Access</i> , 2020 , 8, 32121-32136	3.5	1
51	Deep Residual Optimization for Stereoscopic Image Color Correction. <i>Communications in Computer and Information Science</i> , 2020 , 147-158	0.3	0
50	No-reference stereoscopic image quality assessment using a multi-task CNN and registered distortion representation. <i>Pattern Recognition</i> , 2020 , 100, 107168	7.7	6
49	Matting-Based Residual Optimization for Structurally Consistent Image Color Correction. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 3624-3636	6.4	2
48	Accumulative energy-based seam carving for image resizing. <i>International Journal of Computational Science and Engineering</i> , 2020 , 22, 190	0.4	
47	Boundary-aware RGBD Salient Object Detection with Cross-modal Feature Sampling. <i>IEEE Transactions on Image Processing</i> , 2020 , PP,	8.7	4
46	Pairwise Learning to Rank for Image Quality Assessment. <i>IEEE Access</i> , 2020 , 8, 192352-192367	3.5	1
45	Intrinsic Plasticity for Online Unsupervised Learning based on Soft-Reset Spiking Neuron Model. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020 , 1-1	3	1
44	Visually Consistent Color Correction for Stereoscopic Images and Videos. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 697-710	6.4	7
43	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 2093-2106	6.6	38
42	Addressing Imbalance in Weakly Supervised Multi-Label Learning. <i>IEEE Access</i> , 2019 , 7, 37463-37472	3.5	1

41	Stereoscopic Image Saliency Detection Optimization: A Multi-Cue-Driven Approach. <i>IEEE Access</i> , 2019 , 7, 19835-19847	3.5	0
40	Siamese-Network-Based Learning to Rank for No-Reference 2D and 3D Image Quality Assessment. <i>IEEE Access</i> , 2019 , 7, 101583-101595	3.5	6
39	Visual Attention Fusion Framework for Image Retargeting Quality Assessment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 234, 012064	0.3	1
38	Pose-Guided Spatial Alignment and Key Frame Selection for One-Shot Video-Based Person Re-identification. <i>IEEE Access</i> , 2019 , 7, 78991-79004	3.5	5
37	Pyramid Context Contrast for Semantic Segmentation. <i>IEEE Access</i> , 2019 , 7, 173679-173693	3.5	1
36	2D and 3D Image Quality Assessment: A Survey of Metrics and Challenges. <i>IEEE Access</i> , 2019 , 7, 782-801	3.5	19
35	Prisoner's dilemma game on reputation-based weighted network. <i>Chaos, Solitons and Fractals</i> , 2018 , 110, 64-68	9.3	9
34	Image Quality Assessment for Color Correction Based on Color Contrast Similarity and Color Value Difference. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 849-862	6.4	25
33	Region-Aware Image Denoising by Exploring Parameter Preference. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 2433-2438	6.4	9
32	Meta-metric for saliency detection evaluation metrics based on application preference. <i>Multimedia Tools and Applications</i> , 2018 , 77, 26351-26369	2.5	40
31	CF-based optimisation for saliency detection. <i>IET Computer Vision</i> , 2018 , 12, 365-376	1.4	23
30	Salient Object Segmentation Based on Superpixel and Background Connectivity Prior. <i>IEEE Access</i> , 2018 , 6, 56170-56183	3.5	10
29	Data equilibrium based automatic image annotation by fusing deep model and semantic propagation. <i>Pattern Recognition</i> , 2017 , 71, 60-77	7.7	20
28	Fitting-based optimisation for image visual salient object detection. <i>IET Computer Vision</i> , 2017 , 11, 161-172	1.4	32
27	Machine learning-based framework for saliency detection in distorted images. <i>Multimedia Tools and Applications</i> , 2017 , 76, 26329-26353	2.5	13
26	Anisotropic energy accumulation for stereoscopic image seam carving 2017 ,		2
25	Color correction for stereoscopic image based on matching and optimization 2017 ,		5
24	Evaluation of visual saliency analysis algorithms in noisy images. <i>Machine Vision and Applications</i> , 2016 , 27, 915-927	2.8	5

23	A Steiner point candidate-based heuristic framework for the Steiner tree problem in graphs. <i>Journal of Algorithms and Computational Technology</i> , 2016 , 10, 99-114	0.7	0
22	Promotion of cooperation by payoff-driven migration. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 450, 506-514	3.3	19
21	Accumulative Energy-Based Seam Carving for Image Resizing 2016 ,		1
20	Learning from multi metrics for stereoscopic 3D image quality assessment 2016 ,		1
19	A PSO-based timing-driven Octilinear Steiner tree algorithm for VLSI routing considering bend reduction. <i>Soft Computing</i> , 2015 , 19, 1153-1169	3.5	72
18	XGRouter: high-quality global router in X-architecture with particle swarm optimization. <i>Frontiers of Computer Science</i> , 2015 , 9, 576-594	2.2	42
17	Multi-scale saliency detection via inter-regional shortest colour path. <i>IET Computer Vision</i> , 2015 , 9, 290-299	2.1	7
16	A PSO-Optimized Real-Time Fault-Tolerant Task Allocation Algorithm in Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 3236-3249	3.7	91
15	XGRouter: high-quality global router in X-architecture with particle swarm optimization. <i>Frontiers of Computer Science</i> , 2015 , 9, 576	2.2	1
14	Fast Gaussian kernel learning for classification tasks based on specially structured global optimization. <i>Neural Networks</i> , 2014 , 57, 51-62	9.1	28
13	Geometry-shader-based real-time voxelization and applications. <i>Visual Computer</i> , 2014 , 30, 327-340	2.3	5
12	Making stereo photo cropping easy 2013 ,		2
11	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 129-140	6.6	9
10	Saliency Aggregation: A Data-Driven Approach 2013 ,		92
9	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 783-796	6.6	32
8	What Makes a Professional Video? A Computational Aesthetics Approach. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2012 , 22, 1037-1049	6.4	28
7	Leveraging stereopsis for saliency analysis 2012 ,		7
6	Rule of Thirds Detection from Photograph 2011 ,		20

5	Detection of image stretching 2010 ,	3
4	A PSO-BPNN-based model for energy saving in wireless sensor networks 2009 ,	3
3	A Discrete PSO for Partitioning in VLSI Circuit 2009 ,	2
2	Study on The Nonlinear Strategy of Inertia Weight in Particle Swarm Optimization 2008 ,	2
1	OmegaTheta-Convergence Theory of Filters in LOmega-Spaces 2008 ,	2