

# CITATION REPORT

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## DehazeNet: An End-to-End System for Single Image Haze Removal

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1058	A Novel Image Dehazing Algorithm via Adaptive Gamma-Correction and Modified AMEF. <b>2020</b> , 8, 207275-207286	
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1055	Fusion of Mathematical Morphology with Adaptive Gamma Correction for Dehazing and Visibility Enhancement of Images. <b>2020</b> ,	0

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1053	SCGA-Net: Skip Connections Global Attention Network for Image Restoration. <b>2020</b> , 39, 507-518		2
1052	ABC-NET: Avoiding Blocking Effect & Color Shift Network for Single Image Dehazing Via Restraining Transmission Bias. <b>2020</b> ,		1
1051	Feature Aggregation Attention Network for Single Image Dehazing. <b>2020</b> ,		1
1050	Unsupervised Dark-Channel Attention-Guided CycleGAN for Single-Image Dehazing. <b>2020</b> , 20,		2
1049	Single Image Glare Removal Using Deep Convolutional Networks. <b>2020</b> ,		2
1048	DHD-Net: A Novel Deep-Learning-based Dehazing Network. <b>2020</b> ,		
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1046	Saturation Based Iterative Approach for Single Image Dehazing. <b>2020</b> , 27, 665-669		8
1045	Joint rain and atmospheric veil removal from single image. <b>2020</b> , 14, 1150-1156		0
1044	Enhancement Algorithms for Low-Light and Low-Contrast Images. <b>2020</b> ,		1
1043	Exposure Interpolation Via Hybrid Learning. <b>2020</b> ,		2
1042	Single Image Dehazing Using Neural Network. <b>2020</b> ,		1
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1036	Learning an Enhancement Convolutional Neural Network for Multi-degraded Images. <b>2020</b> , 21, 1		3
1035	Reinforced Depth-Aware Deep Learning for Single Image Dehazing. <b>2020</b> ,		3
1034	Sentinel-2 Image Dehazing using Correlation between Visible and Infrared Bands. <b>2020</b> ,		1
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1022	NLDNet++: A Physics Based Single Image Dehazing Network. <b>2020</b> ,		0
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1013	S2DNet: Depth Estimation From Single Image and Sparse Samples. <b>2020</b> , 6, 806-817	20
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1011	Densely connected multi-scale de-raining net. <b>2020</b> , 79, 19595-19614	3
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971	Environment-Aware Multiscene Image Enhancement for Internet of Things Enabled Edge Cameras. <b>2021</b> , 15, 3439-3449	3
970	Physics-Based Generative Adversarial Models for Image Restoration and Beyond. <b>2021</b> , 43, 2449-2462	34
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961	Color Cast Dependent Image Dehazing via Adaptive Airlight Refinement and Non-Linear Color Balancing. <b>2021</b> , 31, 2076-2081	22
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957	A Machine Vision Method for Correction of Eccentric Error Based on Adaptive Enhancement Algorithm. <b>2021</b> , 70, 1-11	3
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953	URNNet: A U-Net based residual network for image dehazing. <b>2021</b> , 102, 106884	3
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947	Consistency Guided Network for Degraded Image Classification. <b>2021</b> , 31, 2231-2246	6

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944	A compensation textures dehazing method for water alike area. <b>2021</b> , 77, 3555-3570	2
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940	Single-Image Dehazing via Compositional Adversarial Network. <b>2021</b> , 51, 829-838	10
939	UAV Image Dehazing Algorithm Based on Generative Adversarial Network. <b>2021</b> , 10, 80-87	
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937	Towards Artifacts-Free Image Defogging. <b>2021</b> ,	
936	MIINet: An Image Quality Improvement Framework for Supporting Medical Diagnosis. <b>2021</b> , 254-265	
935	Transmission Map Estimation Function to Prevent Over-Saturation in Single Image Dehazing. <b>2021</b> , 144-152	
934	Single Image Haze Removal with Haze Map Optimization for Various Haze Concentrations. <b>2021</b> , 1-1	2
933	Overwater Image Dehazing via Cycle-Consistent Generative Adversarial Network. <b>2021</b> , 251-267	0
932	Haze Visibility Enhancement of Image Using Dark Channel Prior. <b>2021</b> , 497-505	
931	Single-Image Dehazing Using Extreme Reflectance Channel Prior. <b>2021</b> , 9, 87826-87838	1
930	A Novel Scheme for Extracting Sea Surface Wind Information From Rain-Contaminated X-Band Marine Radar Images. <b>2021</b> , 14, 5220-5234	3
929	Fog Model-Based Hyperspectral Image Defogging. <b>2021</b> , 1-12	4

928	SIDGAN: Single Image Dehazing without Paired Supervision. <b>2021</b> ,		0
927	Single-Image Real-Time Rain Removal Based on Depth-Guided Non-Local Features. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 1759-1770	8.7	10
926	Video smoke removal based on low-rank tensor completion via spatial-temporal continuity constraint. <b>2021</b> , 33, e6169		1
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923	Action Recognition in Haze Using an Efficient Fusion of Spatial and Temporal Features. <b>2021</b> , 29-38		
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920	Unsupervised Feature Elimination via Generative Adversarial Networks: Application to Hair Removal in Melanoma Classification. <b>2021</b> , 9, 42610-42620		4
919	Fast Region-Adaptive Defogging and Enhancement for Outdoor Images Containing Sky. <b>2021</b> ,		1
918	Image Defogging Quality Assessment: Real-World Database and Method. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 176-190	8.7	11
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916	Multi-Stream Fusion Network With Generalized Smooth L Loss for Single Image Dehazing. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 7620-7635	8.7	5
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914	A Comparative Study on CNN based Low-light Image Enhancement. <b>2021</b> ,		1
913	A Model-Driven Deep Dehazing Approach by Learning Deep Priors. <b>2021</b> , 9, 108542-108556		3
912	A Framework for Objective Evaluation of Single Image De-Hazing Techniques. <b>2021</b> , 9, 76564-76575		0
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910	Joint Image Dehazing and Super-Resolution: Closed Shared Source Residual Attention Fusion Network. <b>2021</b> , 9, 105477-105492		1
909	Indirect Domain Shift for Single Image Dehazing. <b>2021</b> , 9, 122959-122970		1
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907	Image Reflection Removal via Contextual Feature Fusion Pyramid and Task-driven Regularization. <b>2021</b> , 1-1		2
906	An End-to-end Traffic Visibility Regression Algorithm. <b>2021</b> , 1-1		1
905	RefineDNet: A Weakly Supervised Refinement Framework for Single Image Dehazing. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 3391-3404	8.7	34
904	Single image dehazing using improved cycleGAN. <b>2021</b> , 74, 103014		4
903	Robust underwater image enhancement method based on natural light and reflectivity. <b>2021</b> , 38, 181-191		2
902	Effective Meta-Attention Dehazing Networks for Vision-Based Outdoor Industrial Systems. <b>2021</b> , 1-1		4
901	Deep Trident Decomposition Network for Single License Plate Image Glare Removal. <b>2021</b> , 1-12		1
900	Hierarchical Feature Fusion with Mixed Convolution Attention for Single Image Dehazing. <b>2021</b> , 1-1		6
899	Deep-Masking Generative Network: A Unified Framework for Background Restoration From Superimposed Images. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 4867-4882	8.7	4
898	A Generalized Enhancement Framework for Hazy Images With Complex Illumination. <b>2021</b> , 1-5		0
897	Single Image Dehazing of Road Scenes Using Spatially Adaptive Atmospheric Point Spread Function. <b>2021</b> , 9, 76135-76152		1
896	Pixel-Wise Wasserstein Autoencoder for Highly Generative Dehazing. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 5452-5462	8.7	3
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894	Guided-Pix2Pix: End-to-End Inference and Refinement Network for Image Dehazing. <b>2021</b> , 14, 3052-3069		3
893	Improving Low-Resolution Image Classification by Super-Resolution with Enhancing High-Frequency Content. <b>2021</b> ,		1

892	Single Haze Image Restoration Under Non-Uniform Dense Scattering Media. <b>2021</b> , 28, 1625-1629	
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890	An Analysis of Rainstreak Modeling as a Noise Parameter Using Deep Learning Techniques. <b>2021</b> , 465-477	1
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888	Dense Haze Removal by Nonlinear Transformation. <b>2021</b> , 1-1	3
887	A Mixed Transmission Estimation Iterative Method for Single Image Dehazing. <b>2021</b> , 9, 63685-63699	1
886	Development of Image Dehazing Algorithm. <b>2021</b> , 461-466	
885	Distortion-free image dehazing by superpixels and ensemble neural network. 1	4
884	Application of CNN and gated recurrent network for visual improvement of dehazing. <b>2021</b> ,	
883	Sand-Dust Image Enhancement Using Successive Color Balance With Coincident Chromatic Histogram. <b>2021</b> , 9, 19749-19760	5
882	Thin Cloud Removal for Single RGB Aerial Image. <b>2021</b> , 40, 398-409	
881	Deep Learning Based Thin Cloud Removal Fusing Vegetation Red Edge and Short Wave Infrared Spectral Information for Sentinel-2A Imagery. <b>2021</b> , 13, 157	11
880	Image Haze Removal Algorithm Based on Nonsubsampled Contourlet Transform. <b>2021</b> , 9, 21708-21720	1
879	Haze Relevant Feature Attention Network for Single Image Dehazing. <b>2021</b> , 9, 106476-106488	3
878	Deep Learning-Based Rebar Clutters Removal and Defect Echoes Enhancement in GPR Images. <b>2021</b> , 9, 87207-87218	3
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876	Attentive generative adversarial network for removing thin cloud from a single remote sensing image. <b>2021</b> , 15, 856-867	4
875	. <b>2021</b> , 1-1	6

874	Stereo Refinement Dehazing Network. <b>2021</b> , 1-1		0
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872	Underwater Image Enhancement via Physical-Feedback Adversarial Transfer Learning. <b>2021</b> , 1-11		5
871	Near-Infrared Depth-Independent Image Dehazing using Haar Wavelets. <b>2021</b> ,		0
870	Deep Dehazing Network With Latent Ensembling Architecture and Adversarial Learning. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 1354-1368	8.7	8
869	Experimental Analysis of Image Dehazing Algorithms for Pelletization Process Images. <b>2021</b> , 61, 269-279		2
868	Image Haze Removal Algorithm Using a Logarithmic Guide Filtering and Multi-Channel Prior. <b>2021</b> , 9, 11416-11426		2
867	Dehazing Cost Volume for Deep Multi-view Stereo in Scattering Media. <b>2021</b> , 261-277		
866	Single image Dehazing algorithm based on double exponential attenuation model. <b>2021</b> , 80, 15701-15718		0
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861	Adaptive Interval Type-2 Fuzzy Filter: An AI Agent for Handling Uncertainties to Preserve Image Naturalness. <b>2021</b> , 2, 83-92		2
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856	Fast Fusion-Based Dehazing With Histogram Modification and Improved Atmospheric Illumination Prior. <b>2021</b> , 21, 5259-5270	7
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854	Single Image Defogging using Deep Learning Techniques: Past, Present and Future. 1	3
853	Single Image Dehazing Using End-to-End Deep-Dehaze Network. <b>2021</b> , 10, 817	4
852	WFN-PSC. <b>2021</b> ,	0
851	DCNet: Dark Channel Network for single-image dehazing. <b>2021</b> , 32, 1	1
850	Multi-scale Haze Removal via Residual Network. <b>2021</b> ,	1
849	Research on Dehazing Algorithm of Single UAV Reconnaissance Image under Different Landforms Based on Retinex. <b>2021</b> , 1846, 012025	0
848	Foggy Image Detection Based on DehazeNet with improved SSD. <b>2021</b> ,	
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