

Sung In Cho

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Gradient Prior-Aided CNN Denoiser With Separable Convolution-Based Optimization of Feature Dimension. IEEE Transactions on Multimedia, 2019, 21, 484-493.	7.2	32
2	Image Quality-Aware Backlight Dimming With Color and Detail Enhancement Techniques. Journal of Display Technology, 2013, 9, 112-121.	1.2	30
3	Scene Change Detection Using Multiple Histograms for Motion-Compensated Frame Rate Up-Conversion. Journal of Display Technology, 2012, 8, 121-126.	1.2	29
4	Real-Time People Counting System for Customer Movement Analysis. IEEE Access, 2018, 6, 55264-55272.	4.2	23
5	Object Detection-Based Video Retargeting With Spatial-Temporal Consistency. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4434-4439.	8.3	16
6	Image segmentation using linked mean-shift vectors and its implementation on GPU. IEEE Transactions on Consumer Electronics, 2014, 60, 719-727.	3.6	13
7	Dictionary-based anisotropic diffusion for noise reduction. Pattern Recognition Letters, 2014, 46, 36-45.	4.2	13
8	Geodesic Path-Based Diffusion Acceleration for Image Denoising. IEEE Transactions on Multimedia, 2017, , 1-1.	7.2	13
9	Two-step local dimming for image quality preservation in LCD displays. , 2011, , .		11
10	Human perception-based image segmentation using optimising of colour quantisation. IET Image Processing, 2014, 8, 761-770.	2.5	11
11	Histogram Shape-Based Scene-Change Detection Algorithm. IEEE Access, 2019, 7, 27662-27667.	4.2	11
12	Vision-Based People Counter Using CNN-Based Event Classification. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5308-5315.	4.7	11
13	Extrapolation-Based Video Retargeting With Backward Warping Using an Image-to-Warping Vector Generation Network. IEEE Signal Processing Letters, 2020, 27, 446-450.	3.6	10
14	Semi-Supervised Domain Adaptation Using Explicit Class-Wise Matching for Domain-Invariant and Class-Discriminative Feature Learning. IEEE Access, 2021, 9, 128467-128480.	4.2	10
15	SmartGrid: Video Retargeting With Spatiotemporal Grid Optimization. IEEE Access, 2019, 7, 127564-127579.	4.2	9
16	Multi-View Collaborative Learning for Semi-Supervised Domain Adaptation. IEEE Access, 2021, 9, 166488-166501.	4.2	8
17	Dual-dissimilarity measure-based statistical video cut detection. Journal of Real-Time Image Processing, 2019, 16, 1987-1997.	3.5	7
18	Temporal Incoherence-Free Video Retargeting Using Foreground Aware Extrapolation. IEEE Transactions on Image Processing, 2020, 29, 4848-4861.	9.8	6

#	ARTICLE	IF	CITATIONS
19	A Generative Adversarial Network-Based Image Denoiser Controlling Heterogeneous Losses. <i>Sensors</i> , 2021, 21, 1191.	3.8	5
20	Directional Coherence-Based Scrolling-Text Detection for Frame Rate Up-Conversion. <i>IEEE Access</i> , 2020, 8, 182044-182053.	4.2	4
21	Collaboration Between Multiple Experts for Knowledge Adaptation on Multiple Remote Sensing Sources. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-15.	6.3	4
22	Image segmentation using linked mean-shift vectors for SIMD architecture. , 2014, , .		3
23	Flow analysis-based fast-moving flow calibration for a people-counting system. <i>Multimedia Tools and Applications</i> , 2021, 80, 31671.	3.9	3
24	Luminance Level of Histogram-Based Scene-Change Detection for Frame Rate Up-Conversion. <i>IEEE Access</i> , 2022, 10, 15968-15977.	4.2	3
25	Multi-histogram based scene change detection for frame rate up-conversion. , 2013, , .		2
26	Extended-dimensional anisotropic diffusion using diffusion paths on inter-color planes for noise reduction. , 2016, 48, 27-39.		2
27	Non-Iterative Tone Mapping With High Efficiency and Robustness. <i>IEEE Access</i> , 2018, 6, 35720-35733.	4.2	2
28	Learning Methodologies to Generate Kernel-Learning-Based Image Downscaler for Arbitrary Scaling Factors. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 4526-4539.	9.8	2
29	Spatial color histogram-based image segmentation using texture-aware region merging. <i>Multimedia Tools and Applications</i> , 0, , 1.	3.9	2
30	Accuracy enhancement of image segmentation using adaptive anisotropic diffusion. , 2013, , .		1
31	Power Control Technique Using Error Distribution Analysis for Ultrasound Imaging Displays. <i>Electronics (Switzerland)</i> , 2019, 8, 471.	3.1	1
32	Image denoising considering characteristics of YCbCr color channels. , 2014, , .		0
33	Anisotropic diffusion-based denoising using residual image for preservation of image details. , 2014, , .		0
34	Automatic depth map generation from a single image using segment-adaptive depth merging. , 2015, , .		0
35	Foreground-based depth map generation for 2D-to-3D conversion. , 2015, , .		0
36	Optimized Image Crop-based Video Retargeting. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	Dictionary-Based interpolation technique for text quality enhancement. Journal of Information Display, 2021, 22, 83-89.	4.0	0
38	Local directional coding-based scene change detection for frame rate up-conversion. , 2022, 126, 103501.		0
39	BDIS: Balanced Training Architecture for Dual Image Scaler Using Origin Referenceable Losses. IEEE Access, 2022, 10, 56469-56481.	4.2	0