Sung In Cho

List of Publications by Year
in descending order

39 papers	297 citations	933447 10 h-index	940533 16 g-index
39 all docs	39 docs citations	39 times ranked	248 citing authors

#	Article	IF	Citations
1	Luminance Level of Histogram-Based Scene-Change Detection for Frame Rate Up-Conversion. IEEE Access, 2022, 10, 15968-15977.	4.2	3
2	Local directional coding-based scene change detection for frame rate up-conversion. , 2022, 126, 103501.		0
3	BDIS: Balanced Training Architecture for Dual Image Scaler Using Origin Referenceable Losses. IEEE Access, 2022, 10, 56469-56481.	4.2	0
4	Collaboration Between Multiple Experts for Knowledge Adaptation on Multiple Remote Sensing Sources. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	4
5	Dictionary-Based interpolation technique for text quality enhancement. Journal of Information Display, 2021, 22, 83-89.	4.0	0
6	Learning Methodologies to Generate Kernel-Learning-Based Image Downscaler for Arbitrary Scaling Factors. IEEE Transactions on Image Processing, 2021, 30, 4526-4539.	9.8	2
7	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
8	A Generative Adversarial Network-Based Image Denoiser Controlling Heterogeneous Losses. Sensors, 2021, 21, 1191.	3.8	5
9	Flow analysis-based fast-moving flow calibration for a people-counting system. Multimedia Tools and Applications, 2021, 80, 31671.	3.9	3
10	Multi-View Collaborative Learning for Semi-Supervised Domain Adaptation. IEEE Access, 2021, 9, 166488-166501.	4.2	8
11	Vision-Based People Counter Using CNN-Based Event Classification. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5308-5315.	4.7	11
12	Directional Coherence-Based Scrolling-Text Detection for Frame Rate Up-Conversion. IEEE Access, 2020, 8, 182044-182053.	4.2	4
13	Temporal Incoherence-Free Video Retargeting Using Foreground Aware Extrapolation. IEEE Transactions on Image Processing, 2020, 29, 4848-4861.	9.8	6
14	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
15	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
16	SmartGrid: Video Retargeting With Spatiotemporal Grid Optimization. IEEE Access, 2019, 7, 127564-127579.	4.2	9
17	Power Control Technique Using Error Distribution Analysis for Ultrasound Imaging Displays. Electronics (Switzerland), 2019, 8, 471.	3.1	1
18	Histogram Shape-Based Scene-Change Detection Algorithm. IEEE Access, 2019, 7, 27662-27667.	4.2	11

#	Article	IF	Citations
19	Gradient Prior-Aided CNN Denoiser With Separable Convolution-Based Optimization of Feature Dimension. IEEE Transactions on Multimedia, 2019, 21, 484-493.	7.2	32
20	Dual-dissimilarity measure-based statistical video cut detection. Journal of Real-Time Image Processing, 2019, 16, 1987-1997.	3.5	7
21	Optimized Image Crop-based Video Retargeting. , 2018, , .		0
22	Real-Time People Counting System for Customer Movement Analysis. IEEE Access, 2018, 6, 55264-55272.	4.2	23
23	Non-Iterative Tone Mapping With High Efficiency and Robustness. IEEE Access, 2018, 6, 35720-35733.	4.2	2
24	Geodesic Path-Based Diffusion Acceleration for Image Denoising. IEEE Transactions on Multimedia, 2017, , 1-1.	7.2	13
25	Extended-dimensional anisotropic diffusion using diffusion paths on inter-color planes for noise reduction. , 2016, 48, 27-39.		2
26	Automatic depth map generation from a single image using segment-adaptive depth merging. , 2015, , .		0
27	Foreground-based depth map generation for 2D-to-3D conversion. , 2015, , .		0
28	Image segmentation using linked mean-shift vectors and its implementation on GPU. IEEE Transactions on Consumer Electronics, 2014, 60, 719-727.	3.6	13
29	Image segmentation using linked mean-shift vectors for SIMD architecture. , 2014, , .		3
30	Human perception–based image segmentation using optimising of colour quantisation. IET Image Processing, 2014, 8, 761-770.	2.5	11
31	Image denoising considering characteristics of YCbCr color channels. , 2014, , .		0
32	Dictionary-based anisotropic diffusion for noise reduction. Pattern Recognition Letters, 2014, 46, 36-45.	4.2	13
33	Anisotropic diffusion-based denoising using residual image for preservation of image details. , 2014, , .		0
34	Multi-histogram based scene change detection for frame rate up-conversion. , 2013, , .		2
35	Image Quality-Aware Backlight Dimming With Color and Detail Enhancement Techniques. Journal of Display Technology, 2013, 9, 112-121.	1.2	30
36	Accuracy enhancement of image segmentation using adaptive anisotropic diffusion. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
37	Scene Change Detection Using Multiple Histograms for Motion-Compensated Frame Rate Up-Conversion. Journal of Display Technology, 2012, 8, 121-126.	1.2	29
38	Two-step local dimming for image quality preservation in LCD displays. , 2011, , .		11
39	Spatial color histogram-based image segmentation using texture-aware region merging. Multimedia Tools and Applications, 0, , 1.	3.9	2