

Il Kyu Eom

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

423
citations

933264

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752573

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docs citations

35
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Frame Identification of Object-Based Video Tampering Using Symmetrically Overlapped Motion Residual. <i>Symmetry</i> , 2022, 14, 364.	1.1	3
2	Low-light image enhancement using inverted image normalized by atmospheric light. <i>Signal Processing</i> , 2022, 196, 108523.	2.1	10
3	Image Tampering Localization Using Demosaicing Patterns and Singular Value Based Prediction Residue. <i>IEEE Access</i> , 2021, 9, 91921-91933.	2.6	4
4	Sand-Dust Image Enhancement Using Successive Color Balance With Coincident Chromatic Histogram. <i>IEEE Access</i> , 2021, 9, 19749-19760.	2.6	26
5	Fast Single Image Dehazing Using Saturation Based Transmission Map Estimation. <i>IEEE Transactions on Image Processing</i> , 2020, 29, 1985-1998.	6.0	60
6	Underwater Image Enhancement Using Successive Color Correction and Superpixel Dark Channel Prior. <i>Symmetry</i> , 2020, 12, 1220.	1.1	33
7	Copy-Move Forgery Detection Using Scale Invariant Feature and Reduced Local Binary Pattern Histogram. <i>Symmetry</i> , 2020, 12, 492.	1.1	32
8	Single Image Based Algal Bloom Detection Using Water Body Extraction and Probabilistic Algae Indices. <i>IEEE Access</i> , 2019, 7, 84468-84478.	2.6	8
9	An enhanced SURF algorithm based on new interest point detection procedure and fast computation technique. <i>Journal of Real-Time Image Processing</i> , 2019, 16, 1177-1187.	2.2	10
10	Quantization-based Markov feature extraction method for image splicing detection. <i>Machine Vision and Applications</i> , 2018, 29, 543-552.	1.7	15
11	Wavelet-based color modification detection based on variance ratio. <i>Eurasip Journal on Image and Video Processing</i> , 2018, 2018, .	1.7	2
12	Color filter array pattern identification using variance of color difference image. <i>Journal of Electronic Imaging</i> , 2017, 26, 043015.	0.5	10
13	Estimation of Bayer CFA pattern configuration based on singular value decomposition. <i>Eurasip Journal on Image and Video Processing</i> , 2017, 2017, .	1.7	6
14	Efficient Markov feature extraction method for image splicing detection using maximization and threshold expansion. <i>Journal of Electronic Imaging</i> , 2016, 25, 023031.	0.5	35
15	Image splicing detection based on inter-scale 2D joint characteristic function moments in wavelet domain. <i>Eurasip Journal on Image and Video Processing</i> , 2016, 2016, .	1.7	22
16	Image contrast enhancement using entropy scaling in wavelet domain. <i>Signal Processing</i> , 2016, 127, 1-11.	2.1	50
17	Advanced Data-Transmission Scheme for a High-Performance Mission Computer. <i>Journal of Aerospace Information Systems</i> , 2014, 11, 326-336.	1.0	0
18	Simplified noise model parameter estimation for signal-dependent noise. <i>Signal Processing</i> , 2014, 96, 266-273.	2.1	20

#	ARTICLE	IF	CITATIONS
19	Reliability of self-administered Work Ability Index questionnaire among Korean workers. <i>Ergonomics</i> , 2013, 56, 1652-1657.	1.1	9
20	Sasang typology classification with data reduction and SOM algorithm. , 2011, , .		1
21	Multiscale Bayesian texture segmentation using neural networks and Markov random fields. <i>Neural Computing and Applications</i> , 2009, 18, 141-155.	3.2	6
22	Image interpolation using MLP neural network with phase compensation of wavelet coefficients. <i>Neural Computing and Applications</i> , 2009, 18, 967-977.	3.2	2
23	Locally adaptive speckle noise reduction using maximum a posteriori estimation based on Maxwell distribution. , 2009, , .		0
24	Efficient Directional Interpolation for Block Recovery Using Difference Values of Border Pixels. , 2008, , .		2
25	Edge-Adaptive Demosaicking for Reducing Artifact along Line Edge. , 2008, , .		5
26	Edge adaptive demosaicking in wavelet domain. , 2008, , .		1
27	Estimating hyperparameters of mixture prior using hypothesis-testing problem and its applications to Bayesian image denoising. <i>Journal of Electronic Imaging</i> , 2007, 16, 043015.	0.5	1
28	MLP-based Image Interpolation Using Local Characteristic of Wavelet Coefficients. <i>IEEE International Workshop on Machine Learning for Signal Processing</i> , 2007, , .	0.0	0
29	Deinterlacing based on modularization by local frequency characteristics. <i>Optical Engineering</i> , 2006, 45, 027004.	0.5	3
30	Wavelet Image Interpolation Using Approximate Modeling of Exponential Decay. , 2006, , .		1
31	Texture Segmentation Using SOM and Multi-scale Bayesian Estimation. <i>Lecture Notes in Computer Science</i> , 2006, , 661-668.	1.0	0
32	Wavelet-Based Image Interpolation Using Phase-Shift Compensation. , 2005, , .		1
33	Wavelet-Based Denoising With Nearly Arbitrarily Shaped Windows. <i>IEEE Signal Processing Letters</i> , 2004, 11, 937-940.	2.1	44
34	Frequency modularized neural network for deinterlacing. , 2003, , .		0
35	Robust EZW coding with shared threshold. <i>Electronics Letters</i> , 2003, 39, 1514.	0.5	1