

Il Kyu Eom

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

423
citations

933264

10
h-index

752573

20
g-index

35
all docs

35
docs citations

35
times ranked

373
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Fast Single Image Dehazing Using Saturation Based Transmission Map Estimation. IEEE Transactions on Image Processing, 2020, 29, 1985-1998. | 6.0 | 60 |
| 2 | Image contrast enhancement using entropy scaling in wavelet domain. Signal Processing, 2016, 127, 1-11. | 2.1 | 50 |
| 3 | Wavelet-Based Denoising With Nearly Arbitrarily Shaped Windows. IEEE Signal Processing Letters, 2004, 11, 937-940. | 2.1 | 44 |
| 4 | Efficient Markov feature extraction method for image splicing detection using maximization and threshold expansion. Journal of Electronic Imaging, 2016, 25, 023031. | 0.5 | 35 |
| 5 | Underwater Image Enhancement Using Successive Color Correction and Superpixel Dark Channel Prior. Symmetry, 2020, 12, 1220. | 1.1 | 33 |
| 6 | Copy-Move Forgery Detection Using Scale Invariant Feature and Reduced Local Binary Pattern Histogram. Symmetry, 2020, 12, 492. | 1.1 | 32 |
| 7 | Sand-Dust Image Enhancement Using Successive Color Balance With Coincident Chromatic Histogram. IEEE Access, 2021, 9, 19749-19760. | 2.6 | 26 |
| 8 | Image splicing detection based on inter-scale 2D joint characteristic function moments in wavelet domain. Eurasip Journal on Image and Video Processing, 2016, 2016, . | 1.7 | 22 |
| 9 | Simplified noise model parameter estimation for signal-dependent noise. Signal Processing, 2014, 96, 266-273. | 2.1 | 20 |
| 10 | Quantization-based Markov feature extraction method for image splicing detection. Machine Vision and Applications, 2018, 29, 543-552. | 1.7 | 15 |
| 11 | Color filter array pattern identification using variance of color difference image. Journal of Electronic Imaging, 2017, 26, 043015. | 0.5 | 10 |
| 12 | An enhanced SURF algorithm based on new interest point detection procedure and fast computation technique. Journal of Real-Time Image Processing, 2019, 16, 1177-1187. | 2.2 | 10 |
| 13 | Low-light image enhancement using inverted image normalized by atmospheric light. Signal Processing, 2022, 196, 108523. | 2.1 | 10 |
| 14 | Reliability of self-administered Work Ability Index questionnaire among Korean workers. Ergonomics, 2013, 56, 1652-1657. | 1.1 | 9 |
| 15 | Single Image Based Algal Bloom Detection Using Water Body Extraction and Probabilistic Algae Indices. IEEE Access, 2019, 7, 84468-84478. | 2.6 | 8 |
| 16 | Multiscale Bayesian texture segmentation using neural networks and Markov random fields. Neural Computing and Applications, 2009, 18, 141-155. | 3.2 | 6 |
| 17 | Estimation of Bayer CFA pattern configuration based on singular value decomposition. Eurasip Journal on Image and Video Processing, 2017, 2017, . | 1.7 | 6 |
| 18 | Edge-Adaptive Demosaicking for Reducing Artifact along Line Edge. , 2008, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Image Tampering Localization Using Demosaicing Patterns and Singular Value Based Prediction Residue. IEEE Access, 2021, 9, 91921-91933. | 2.6 | 4 |
| 20 | Deinterlacing based on modularization by local frequency characteristics. Optical Engineering, 2006, 45, 027004. | 0.5 | 3 |
| 21 | Frame Identification of Object-Based Video Tampering Using Symmetrically Overlapped Motion Residual. Symmetry, 2022, 14, 364. | 1.1 | 3 |
| 22 | Efficient Directional Interpolation for Block Recovery Using Difference Values of Border Pixels. , 2008, , . | | 2 |
| 23 | Image interpolation using MLP neural network with phase compensation of wavelet coefficients. Neural Computing and Applications, 2009, 18, 967-977. | 3.2 | 2 |
| 24 | Wavelet-based color modification detection based on variance ratio. Eurasip Journal on Image and Video Processing, 2018, 2018, . | 1.7 | 2 |
| 25 | Robust EZW coding with shared threshold. Electronics Letters, 2003, 39, 1514. | 0.5 | 1 |
| 26 | Wavelet-Based Image Interpolation Using Phase-Shift Compensation. , 2005, , . | | 1 |
| 27 | Wavelet Image Interpolation Using Approximate Modeling of Exponential Decay. , 2006, , . | | 1 |
| 28 | Estimating hyperparameters of mixture prior using hypothesis-testing problem and its applications to Bayesian image denoising. Journal of Electronic Imaging, 2007, 16, 043015. | 0.5 | 1 |
| 29 | Edge adaptive demosaicking in wavelet domain. , 2008, , . | | 1 |
| 30 | Sasang typology classification with data reduction and SOM algorithm. , 2011, , . | | 1 |
| 31 | Frequency modularized neural network for deinterlacing. , 2003, , . | | 0 |
| 32 | MLP-based Image Interpolation Using Local Characteristic of Wavelet Coefficients. IEEE International Workshop on Machine Learning for Signal Processing, 2007, , . | 0.0 | 0 |
| 33 | Locally adaptive speckle noise reduction using maximum a posteriori estimation based on Maxwell distribution. , 2009, , . | | 0 |
| 34 | Advanced Data-Transmission Scheme for a High-Performance Mission Computer. Journal of Aerospace Information Systems, 2014, 11, 326-336. | 1.0 | 0 |
| 35 | Texture Segmentation Using SOM and Multi-scale Bayesian Estimation. Lecture Notes in Computer Science, 2006, , 661-668. | 1.0 | 0 |