

Xin Jin

List of Publications by Year in descending order

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57
all docs

57
docs citations

57
times ranked

801
citing authors

#	ARTICLE	IF	CITATIONS
1	Type-I Generative Adversarial Attack. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 2593-2606.	3.7	4
2	How to Analyze the Neurodynamic Characteristics of Pulse-Coupled Neural Networks? A Theoretical Analysis and Case Study of Intersecting Cortical Model. IEEE Transactions on Cybernetics, 2022, 52, 6354-6368.	6.2	2
3	MCRDNet: An unsupervised dense network with multi-scale convolutional block attention for multi-focus image fusion. IET Image Processing, 2022, 16, 1558-1574.	1.4	7
4	Color multi-focus image fusion based on transfer learning. Journal of Intelligent and Fuzzy Systems, 2022, 42, 2083-2102.	0.8	1
5	A Deep Multitask Convolutional Neural Network for Remote Sensing Image Super-Resolution and Colorization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	13
6	A Multifocus Image Fusion Scheme Based on Similarity Measure of Transformed Isosceles Triangles Between Intuitionistic Fuzzy Sets. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-15.	2.4	4
7	Random RotBoost: An Ensemble Classification Method Based on Rotation Forest and AdaBoost in Random Subsets and Its Application to Clinical Decision Support. Entropy, 2022, 24, 617.	1.1	13
8	MC-LCR: Multimodal contrastive classification by locally correlated representations for effective face forgery detection. Knowledge-Based Systems, 2022, 250, 109114.	4.0	16
9	Robust Event Triggered Control for Lateral Dynamics of Intelligent Vehicle With Designable Inter-Event Times. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4349-4353.	2.2	0
10	Deep learning for image colorization: Current and future prospects. Engineering Applications of Artificial Intelligence, 2022, 114, 105006.	4.3	29
11	CASR-Net: A color-aware super-resolution network for panchromatic image. Engineering Applications of Artificial Intelligence, 2022, 114, 105084.	4.3	10
12	Remote sensing image colorization using symmetrical multi-scale DCGAN in YUV color space. Visual Computer, 2021, 37, 1707-1729.	2.5	17
13	Semisupervised Remote Sensing Image Fusion Using Multiscale Conditional Generative Adversarial Network With Siamese Structure. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 7066-7084.	2.3	10
14	Color-UNet++: A resolution for colorization of grayscale images using improved UNet++. Multimedia Tools and Applications, 2021, 80, 35629-35648.	2.6	4
15	ReHiC: Enhancing Hi-C data resolution via residual convolutional network. Journal of Bioinformatics and Computational Biology, 2021, 19, 2150001.	0.3	2
16	An effective similarity/distance measure between intuitionistic fuzzy sets based on the areas of transformed isosceles right triangle and its applications. Journal of Intelligent and Fuzzy Systems, 2021, 40, 9289-9309.	0.8	7
17	Data-driven sequential three-way decisions for unlabeled information system. Journal of Intelligent and Fuzzy Systems, 2021, , 1-12.	0.8	3
18	A fully-automatic image colorization scheme using improved CycleGAN with skip connections. Multimedia Tools and Applications, 2021, 80, 26465.	2.6	12

#	ARTICLE	IF	CITATIONS
19	CSRDDN: An Integrated Scheme for Single Satellite Image Colorization and Super-Resolution Using Deep Neural Networks. , 2021, , .		0
20	Semi-Supervised Remote Sensing Image Fusion Method Combining Siamese Structure with Generative Adversarial Networks. Jisuanji Fuzhu Sheji Yu Tuxingxue Xuebao/Journal of Computer-Aided Design and Computer Graphics, 2021, 33, 92-105.	0.2	1
21	Using Grayscale Frequency Statistic to Detect Manipulated Faces in Wavelet-Domain. , 2021, , .		0
22	Attention-based F-UNet for Remote Sensing Image Fusion. , 2021, , .		1
23	Brain Medical Image Fusion Using L_2 -Norm-Based Features and Fuzzy-Weighted Measurements in 2-D Littlewood-Paley EWT Domain. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5900-5913.	2.4	32
24	Protein Subnuclear Localization Based on Radius-SMOTE and Kernel Linear Discriminant Analysis Combined with Random Forest. Electronics (Switzerland), 2020, 9, 1566.	1.8	3
25	Multi-Sensor Image Fusion Using Optimized Support Vector Machine and Multiscale Weighted Principal Component Analysis. Electronics (Switzerland), 2020, 9, 1531.	1.8	7
26	Event-Based Sampled-Data Average Consensus. Mathematical Problems in Engineering, 2020, 2020, 1-13.	0.6	0
27	New Entropy and Distance Measures of Intuitionistic Fuzzy Sets. , 2020, , .		0
28	Two-scale decomposition-based multifocus image fusion framework combined with image morphology and fuzzy set theory. Information Sciences, 2020, 541, 442-474.	4.0	15
29	A Deep Convolutional Neural Network to Improve the Prediction of Protein Secondary Structure. Current Bioinformatics, 2020, 15, 767-777.	0.7	9
30	A Spatial Fusion Scheme of Multi-focus Image Combining SVM-Based Classification and PCA-Based Weight. Advances in Intelligent Systems and Computing, 2020, , 385-398.	0.5	1
31	Hierarchical Extension Based on the Boolean Matrix for LncRNA-Disease Association Prediction. Current Molecular Medicine, 2020, 20, 452-460.	0.6	3
32	A Multi-Label Supervised Topic Model Conditioned on Arbitrary Features for Gene Function Prediction. Genes, 2019, 10, 57.	1.0	6
33	Remote Sensing Image Colorization Based on Multiscale SEnet GAN. , 2019, , .		4
34	A new similarity/distance measure between intuitionistic fuzzy sets based on the transformed isosceles triangles and its applications to pattern recognition. Expert Systems With Applications, 2019, 116, 439-453.	4.4	113
35	Multi-focus image fusion combining focus-region-level partition and pulse-coupled neural network. Soft Computing, 2019, 23, 4685-4699.	2.1	24
36	A lightweight scheme for multi-focus image fusion. Multimedia Tools and Applications, 2018, 77, 23501-23527.	2.6	12

#	ARTICLE	IF	CITATIONS
37	Multi-Sensor Image Fusion Based on Interval Type-2 Fuzzy Sets and Regional Features in Nonsubsampled Shearlet Transform Domain. IEEE Sensors Journal, 2018, 18, 2494-2505.	2.4	22
38	Multi-focus image fusion method using S-PCNN optimized by particle swarm optimization. Soft Computing, 2018, 22, 6395-6407.	2.1	36
39	Infrared and visual image fusion method based on discrete cosine transform and local spatial frequency in discrete stationary wavelet transform domain. Infrared Physics and Technology, 2018, 88, 1-12.	1.3	55
40	A Classification Model for Class Imbalance Problem in Protein Subnuclear Localization. , 2018, , .		0
41	An Effective Feature Fusion Method for Protein Subnuclear Localization. , 2018, , .		0
42	The Advance of Support Tensor Machine. , 2018, , .		2
43	Multimodal sensor medical image fusion based on nonsubsampled shearlet transform and S-PCNNs in HSV space. Signal Processing, 2018, 153, 379-395.	2.1	62
44	Infrared and visible image fusion based on target extraction in the nonsubsampled contourlet transform domain. Journal of Applied Remote Sensing, 2017, 11, 1.	0.6	33
45	Protein secondary structure prediction: A survey of the state of the art. Journal of Molecular Graphics and Modelling, 2017, 76, 379-402.	1.3	72
46	Similarity/dissimilarity calculation methods of DNA sequences: A survey. Journal of Molecular Graphics and Modelling, 2017, 76, 342-355.	1.3	21
47	A survey of infrared and visual image fusion methods. Infrared Physics and Technology, 2017, 85, 478-501.	1.3	190
48	A Novel Multi-Focus Image Fusion Method Based on Stationary Wavelet Transform and Local Features of Fuzzy Sets. IEEE Access, 2017, 5, 20286-20302.	2.6	56
49	Facial Feature Extraction Using Frequency Map Series in PCNN. Journal of Sensors, 2016, 2016, 1-9.	0.6	9
50	Multifocus Color Image Fusion Based on NSST and PCNN. Journal of Sensors, 2016, 2016, 1-12.	0.6	42
51	Medical image fusion using pulse coupled neural network and multi-objective particle swarm optimization. , 2016, , .		5
52	Remote sensing image fusion method in CIElab color space using nonsubsampled shearlet transform and pulse coupled neural networks. Journal of Applied Remote Sensing, 2016, 10, 025023.	0.6	26
53	Image specific target detection and localization based on locally adaptive regression kernels algorithm. , 2016, , .		3
54	A novel DNA sequence similarity calculation based on simplified pulse-coupled neural network and Huffman coding. Physica A: Statistical Mechanics and Its Applications, 2016, 461, 325-338.	1.2	26

#	ARTICLE	IF	CITATIONS
55	Analysis of Similarity/Dissimilarity of DNA Sequences Based on Pulse Coupled Neural Network. Lecture Notes in Computer Science, 2016, , 279-287.	1.0	3
56	Block medical image fusion based on adaptive PCNN. , 2015, , .		4