

# Kangjian He

## List of Publications by Year in descending order

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29  
papers

721  
citations

687220

13  
h-index

580701

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g-index

29  
all docs

29  
docs citations

29  
times ranked

528  
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of infrared and visual image fusion methods. <i>Infrared Physics and Technology</i> , 2017, 85, 478-501.	1.3	190
2	FuseGAN: Learning to Fuse Multi-Focus Image via Conditional Generative Adversarial Network. <i>IEEE Transactions on Multimedia</i> , 2019, 21, 1982-1996.	5.2	129
3	Infrared and visual image fusion method based on discrete cosine transform and local spatial frequency in discrete stationary wavelet transform domain. <i>Infrared Physics and Technology</i> , 2018, 88, 1-12.	1.3	55
4	Multifocus Color Image Fusion Based on NSST and PCNN. <i>Journal of Sensors</i> , 2016, 2016, 1-12.	0.6	42
5	Multi-Focus Image Fusion Using U-Shaped Networks With a Hybrid Objective. <i>IEEE Sensors Journal</i> , 2019, 19, 9755-9765.	2.4	37
6	Multi-focus image fusion method using S-PCNN optimized by particle swarm optimization. <i>Soft Computing</i> , 2018, 22, 6395-6407.	2.1	36
7	Multi-focus: Focused region finding and multi-scale transform for image fusion. <i>Neurocomputing</i> , 2018, 320, 157-170.	3.5	36
8	Infrared and visible image fusion based on target extraction in the nonsubsampling contourlet transform domain. <i>Journal of Applied Remote Sensing</i> , 2017, 11, 1.	0.6	33
9	Multi-focus image fusion combining focus-region-level partition and pulse-coupled neural network. <i>Soft Computing</i> , 2019, 23, 4685-4699.	2.1	24
10	Similarity/dissimilarity calculation methods of DNA sequences: A survey. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 76, 342-355.	1.3	21
11	Infrared and visible image fusion based on visibility enhancement and hybrid multiscale decomposition. <i>Optik</i> , 2022, 258, 168914.	1.4	18
12	Significant target analysis and detail preserving based infrared and visible image fusion. <i>Infrared Physics and Technology</i> , 2022, 121, 104041.	1.3	17
13	Color Transfer Pulse-Coupled Neural Networks for Underwater Robotic Visual Systems. <i>IEEE Access</i> , 2018, 6, 32850-32860.	2.6	16
14	A lightweight scheme for multi-focus image fusion. <i>Multimedia Tools and Applications</i> , 2018, 77, 23501-23527.	2.6	12
15	Regions Preserving Edge Enhancement for Multisensor-Based Medical Image Fusion. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-13.	2.4	12
16	Learning multi-level representations for affective image recognition. <i>Neural Computing and Applications</i> , 2022, 34, 14107-14120.	3.2	7
17	Infrared and visible image fusion based on visibility enhancement and norm optimization low-rank representation. <i>Journal of Electronic Imaging</i> , 2022, 31, .	0.5	6
18	Medical image fusion using pulse coupled neural network and multi-objective particle swarm optimization. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
19	Infrared and Visible Image Fusion Combining Interesting Region Detection and Nonsubsampled Contourlet Transform. Journal of Sensors, 2018, 2018, 1-15.	0.6	5
20	Focus-pixel estimation and optimization for multi-focus image fusion. Multimedia Tools and Applications, 2022, 81, 7711-7731.	2.6	4
21	Fidelity-driven Optimization Reconstruction and Details Preserving Guided Fusion for Multi-Modality Medical Image. IEEE Transactions on Multimedia, 2023, 25, 4943-4957.	5.2	4
22	Adaptive colour restoration and detail retention for image enhancement. IET Image Processing, 2021, 15, 3685-3697.	1.4	3
23	Analysis of Similarity/Dissimilarity of DNA Sequences Based on Pulse Coupled Neural Network. Lecture Notes in Computer Science, 2016, , 279-287.	1.0	3
24	A Fast Image Guide Registration Supported by Single Direction Projected CBCT. Electronics (Switzerland), 2022, 11, 645.	1.8	3
25	OsaMOT: Occlusion and scale-aware multi-object tracking algorithm for low viewpoint. IET Image Processing, 2022, 16, 622-640.	1.4	2
26	A multi-focus color image fusion algorithm based on an adaptive SF-PCNN in NSCT domain. Proceedings of SPIE, 2017, , .	0.8	1
27	MRI and PET/SPECT fusion with pseudo spatial frequency in local laplacian filter domain. , 2019, , .		0
28	Precision Inspection and Evaluation System for Paper Packaging of Cigarettes. , 2022, , .		0
29	Image Inpainting Based on Edge Features and Attention Mechanism. , 2022, , .		0