Yuanhao Gong

List of Publications by Year
in descending order

27 papers	1,241 citations	933447 10 h-index	996975 15 g-index
27 all docs	27 docs citations	27 times ranked	1920 citing authors

#	Article	IF	Citations
1	Combined window filtering and its applications. Multidimensional Systems and Signal Processing, 2021, 32, 313-333.	2.6	5
2	Structure Adaptive Filtering for Edge-Preserving Image Smoothing. Lecture Notes in Computer Science, 2021, , 265-276.	1.3	1
3	Motion saliency based multi-stream multiplier ResNets for action recognition. Image and Vision Computing, 2021, 107, 104108.	4.5	37
4	Quarter Laplacian Filter For Edge Aware Image Processing. , 2021, , .		5
5	A Discrete Scheme for Computing Image's Weighted Gaussian Curvature. , 2021, , .		4
6	Real-Time Optimizing Weighted Gaussian Curvature for 4K Videos. , 2021, , .		2
7	HLO: Half-kernel Laplacian operator for surface smoothing. CAD Computer Aided Design, 2020, 121, 102807.	2.7	7
8	Molecular Surface Estimation by Geometric Coupled Distance Functions. IEEE Access, 2020, 8, 176263-176273.	4.2	0
9	Fast and efficient implementation of image filtering using a side window convolutional neural network. Signal Processing, 2020, 176, 107717.	3.7	18
10	Mean Curvature Is a Good Regularization for Image Processing. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2205-2214.	8.3	11
11	Computing Gaussian Curvature in Real-Time for 4K Video Processing. IEEE Access, 2019, 7, 115936-115944.	4.2	0
12	Side window guided filtering. Signal Processing, 2019, 165, 315-330.	3.7	40
13	Weighted mean curvature. Signal Processing, 2019, 164, 329-339.	3.7	34
14	Soft Tissue Removal in X-Ray Images by Half Window Dark Channel Prior. , 2019, , .		3
15	An End-to-End Deep Learning Histochemical Scoring System for Breast Cancer TMA. IEEE Transactions on Medical Imaging, 2019, 38, 617-628.	8.9	37
16	Direct Application of Convolutional Neural Network Features to Image Quality Assessment. , 2018, , .		0
17	Sub-window Box Filter. , 2018, , .		10
18	Learning Based Image Transformation Using Convolutional Neural Networks. IEEE Access, 2018, 6, 49779-49792.	4.2	17

#	Article	IF	Citations
19	Image Filtering With Generic Geometric Prior. IEEE Access, 2018, 6, 54320-54330.	4.2	1
20	Curvature Filters Efficiently Reduce Certain Variational Energies. IEEE Transactions on Image Processing, 2017, 26, 1786-1798.	9.8	96
21	Linear approximation of mean curvature. , 2017, , .		2
22	Bernstein filter: A new solver for mean curvature regularized models. , 2016, , .		17
23	A Natural-Scene Gradient Distribution Prior and its Application in Light-Microscopy Image Processing. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 99-114.	10.8	29
24	Objective comparison of particle tracking methods. Nature Methods, 2014, 11, 281-289.	19.0	805
25	Local weighted Gaussian curvature for image processing. , 2013, , .		32
26	Coupled signed-distance functions for implicit surface reconstruction. , 2012, , .		18
27	Symmetry Detection for Multi-object Using Local Polar Coordinate. Lecture Notes in Computer Science, 2009, , 277-284.	1.3	10