

# Yuanhao Gong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/335968/publications.pdf>

Version: 2024-02-01

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  | Objective comparison of particle tracking methods. Nature Methods, 2014, 11, 281-289.   | 19.0 | 805       |
| 2  | Curvature Filters Efficiently Reduce Certain Variational Energies. IEEE Transactions on Image Processing, 2017, 26, 1786-1798.  | 9.8  | 96        |
| 3  | Side window guided filtering. Signal Processing, 2019, 165, 315-330.  | 3.7  | 40        |
| 4  | 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        |
| 5  | Motion saliency based multi-stream multiplier ResNets for action recognition. Image and Vision Computing, 2021, 107, 104108.  | 4.5  | 37        |
| 6  | Weighted mean curvature. Signal Processing, 2019, 164, 329-339.   | 3.7  | 34        |
| 7  | Local weighted Gaussian curvature for image processing. , 2013, , .   |      | 32        |
| 8  | 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        |
| 9  | Coupled signed-distance functions for implicit surface reconstruction. , 2012, , .  |      | 18        |
| 10 | Fast and efficient implementation of image filtering using a side window convolutional neural network. Signal Processing, 2020, 176, 107717.                                  | 3.7  | 18        |
| 11 | Bernstein filter: A new solver for mean curvature regularized models. , 2016, , .   |      | 17        |
| 12 | Learning Based Image Transformation Using Convolutional Neural Networks. IEEE Access, 2018, 6, 49779-49792.   | 4.2  | 17        |
| 13 | 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        |
| 14 | Sub-window Box Filter. , 2018, , .  |      | 10        |
| 15 | Symmetry Detection for Multi-object Using Local Polar Coordinate. Lecture Notes in Computer Science, 2009, , 277-284.   | 1.3  | 10        |
| 16 | HLO: Half-kernel Laplacian operator for surface smoothing. CAD Computer Aided Design, 2020, 121, 102807.  | 2.7  | 7         |
| 17 | Combined window filtering and its applications. Multidimensional Systems and Signal Processing, 2021, 32, 313-333.  | 2.6  | 5         |
| 18 | Quarter Laplacian Filter For Edge Aware Image Processing. , 2021, , .   |      | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | A Discrete Scheme for Computing Image's Weighted Gaussian Curvature. , 2021, , .                                      |     | 4         |
| 20 | Soft Tissue Removal in X-Ray Images by Half Window Dark Channel Prior. , 2019, , .                                    |     | 3         |
| 21 | Linear approximation of mean curvature. , 2017, , .   |     | 2         |
| 22 | Real-Time Optimizing Weighted Gaussian Curvature for 4K Videos. , 2021, , .   |     | 2         |
| 23 | Image Filtering With Generic Geometric Prior. IEEE Access, 2018, 6, 54320-54330.                                      | 4.2 | 1         |
| 24 | Structure Adaptive Filtering for Edge-Preserving Image Smoothing. Lecture Notes in Computer Science, 2021, , 265-276. | 1.3 | 1         |
| 25 | Direct Application of Convolutional Neural Network Features to Image Quality Assessment. , 2018, , .                  |     | 0         |
| 26 | Computing Gaussian Curvature in Real-Time for 4K Video Processing. IEEE Access, 2019, 7, 115936-115944.               | 4.2 | 0         |
| 27 | Molecular Surface Estimation by Geometric Coupled Distance Functions. IEEE Access, 2020, 8, 176263-176273.            | 4.2 | 0         |