

# Guirong Weng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6472428/publications.pdf>

Version: 2024-02-01

21  
papers

510  
citations

932766

10  
h-index

839053

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active contours driven by region-scalable fitting and optimized Laplacian of Gaussian energy for image segmentation. <i>Signal Processing</i> , 2017, 134, 224-233.	2.1	133
2	Active contours driven by local pre-fitting energy for fast image segmentation. <i>Pattern Recognition Letters</i> , 2018, 104, 29-36.	2.6	86
3	A level set method based on additive bias correction for image segmentation. <i>Expert Systems With Applications</i> , 2021, 185, 115633.	4.4	57
4	Active contours driven by adaptive functions and fuzzy c-means energy for fast image segmentation. <i>Signal Processing</i> , 2019, 163, 1-10.	2.1	37
5	A hybrid active contour model based on pre-fitting energy and adaptive functions for fast image segmentation. <i>Pattern Recognition Letters</i> , 2022, 158, 71-79.	2.6	29
6	A robust active contour model driven by pre-fitting bias correction and optimized fuzzy c-means algorithm for fast image segmentation. <i>Neurocomputing</i> , 2019, 359, 408-419.	3.5	28
7	Level set evolution driven by optimized area energy term for image segmentation. <i>Optik</i> , 2018, 168, 517-532.	1.4	27
8	Active contour model based on local bias field estimation for image segmentation. <i>Signal Processing: Image Communication</i> , 2019, 78, 187-199.	1.8	21
9	A robust active contour model driven by fuzzy c-means energy for fast image segmentation. , 2019, 90, 100-109.		21
10	A new active contour model driven by pre-fitting bias field estimation and clustering technique for image segmentation. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 104, 104299.	4.3	13
11	Active contour model driven by Self Organizing Maps for image segmentation. <i>Expert Systems With Applications</i> , 2021, 177, 114948.	4.4	13
12	Hybrid active contour model driven by optimized local pre-fitting image energy for fast image segmentation. <i>Applied Mathematical Modelling</i> , 2022, 101, 586-599.	2.2	13
13	Active contour model based on improved fuzzy c-means algorithm and adaptive functions. <i>Computers and Mathematics With Applications</i> , 2019, 78, 3678-3691.	1.4	8
14	Robust active contours driven by order-statistic filtering energy for fast image segmentation. <i>Knowledge-Based Systems</i> , 2020, 197, 105882.	4.0	6
15	Robust active contours for fast image segmentation. <i>Electronics Letters</i> , 2016, 52, 1687-1688.	0.5	5
16	An active contour model based on local pre-piecewise fitting image. <i>Optik</i> , 2021, 248, 168130.	1.4	5
17	Active contour model based on fuzzy c-means for image segmentation. <i>Electronics Letters</i> , 2019, 55, 84-86.	0.5	4
18	K-means++ clustering-based active contour model for fast image segmentation. <i>Journal of Electronic Imaging</i> , 2018, 27, 1.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Improved region-scalable fitting model with robust initialization for image segmentation. , 2017, , .		1
20	A robust hybrid active contour model based on pre-fitting bias field correction for fast image segmentation. Signal Processing: Image Communication, 2021, 97, 116351.	1.8	1
21	An active contour model algorithm combined with anisotropic diffusion filtering and global pre-fitting energy. Optik, 2022, 253, 168606.	1.4	0