

# Jingwen Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

578  
citations

840776

11  
h-index

752698

20  
g-index

39  
all docs

39  
docs citations

39  
times ranked

555  
citing authors

#	ARTICLE	IF	CITATIONS
1	A clinical decision support system for predicting cirrhosis stages via high frequency ultrasound images. <i>Expert Systems With Applications</i> , 2021, 175, 114680.	7.6	7
2	Computer auxiliary diagnosis technique of detecting cholangiocarcinoma based on medical imaging: A review. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 208, 106265.	4.7	10
3	One Edge at a Time: A Novel Approach Towards Efficient Transitive Reduction Computation on DAGs. <i>IEEE Access</i> , 2020, 8, 38010-38022.	4.2	4
4	Physical blob detector and Multi-Channel Color Shape Descriptor for human detection. <i>Journal of Visual Communication and Image Representation</i> , 2018, 52, 13-23.	2.8	8
5	Early diagnosis of cirrhosis via automatic location and geometric description of liver capsule. <i>Visual Computer</i> , 2018, 34, 1677-1689.	3.5	9
6	Rapid identification of neuronal structures in electronic microscope image using novel combined multi-scale image features. <i>Neurocomputing</i> , 2017, 230, 152-159.	5.9	1
7	Robust human detection with super-pixel segmentation and random ferns classification using RGB-D camera. , 2017, , .		6
8	Real-time human detection with depth camera via a physical radius-depth detector and a CNN descriptor. , 2017, , .		12
9	Joint Human Detection and Head Pose Estimation via Multistream Networks for RGB-D Videos. <i>IEEE Signal Processing Letters</i> , 2017, 24, 1666-1670.	3.6	49
10	3D tracking swimming fish school with learned kinematic model using LSTM network. , 2017, , .		16
11	Robust tracking of fish schools using CNN for head identification. <i>Multimedia Tools and Applications</i> , 2017, 76, 23679-23697.	3.9	40
12	Tracking the 3D position and orientation of flying swarms with learned kinematic pattern using LSTM network. , 2017, , .		0
13	Learning to Diagnose Cirrhosis with Liver Capsule Guided Ultrasound Image Classification. <i>Sensors</i> , 2017, 17, 149.	3.8	84
14	Computer-aided cirrhosis diagnosis via automatic liver capsule extraction and combined geometry-texture features. , 2017, , .		4
15	Feature point based 3D tracking of multiple fish from multi-view images. <i>PLoS ONE</i> , 2017, 12, e0180254.	2.5	23
16	An effective and robust method for tracking multiple fish in video image based on fish head detection. <i>BMC Bioinformatics</i> , 2016, 17, 251.	2.6	48
17	Learning to diagnose cirrhosis via combined liver capsule and parenchyma ultrasound image features. , 2016, , .		4
18	Learning kinematic model of targets in videos from fixed cameras. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	3D tracking swimming fish school using a master view tracking first strategy. , 2016, , .		6
20	Reliably detecting humans in crowded and dynamic environments using RGB-D camera. , 2016, , .		6
21	Estimating orientation in tracking individuals of flying swarms. , 2016, , .		1
22	Extracting and describing liver capsule contour in high-frequency ultrasound image for early HBV cirrhosis diagnosis. , 2016, , .		5
23	Reliably detecting humans with RGB-D camera with physical blob detector followed by learning-based filtering. , 2016, , .		9
24	Tracking undulatory body motion of multiple fish based on midline dynamics modeling. , 2016, , .		7
25	3D tracking targets via kinematic model weighted particle filter. , 2016, , .		4
26	Automated Planar Tracking the Waving Bodies of Multiple Zebrafish Swimming in Shallow Water. PLoS ONE, 2016, 11, e0154714.	2.5	25
27	Estimating Orientation of Flying Fruit Flies. PLoS ONE, 2015, 10, e0132101.	2.5	1
28	A Novel Method for Tracking Individuals of Fruit Fly Swarms Flying in a Laboratory Flight Arena. PLoS ONE, 2015, 10, e0129657.	2.5	14
29	Automatically Detect and Track Multiple Fish Swimming in Shallow Water with Frequent Occlusion. PLoS ONE, 2014, 9, e106506.	2.5	59
30	Automatic 3D reconstruction of mitochondrion with local intensity distribution signature and shape feature. , 2013, , .		1
31	Real-time human detection and tracking in complex environments using single RGBD camera. , 2013, , .		19
32	Joint reconstruction of 3D shape and non-rigid motion in a region-growing framework. , 2011, , .		0
33	Reconstructing 3D motion trajectories of particle swarms by global correspondence selection. , 2009, , .		20
34	Invariant Description and Retrieval of Planar Shapes Using Radon Composite Features. IEEE Transactions on Signal Processing, 2008, 56, 4762-4771.	5.3	46
35	ADAPTIVE IMAGE SEGMENTATION USING ARTIFICIAL CO-EVOLVING TRIBES. International Journal of Pattern Recognition and Artificial Intelligence, 2007, 21, 1171-1193.	1.2	2
36	Classifying image texture with statistical landscape features. Pattern Analysis and Applications, 2006, 8, 321-331.	4.6	12

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37	Statistical landscape features for texture classification. , 2004, , .		0
38	CONNECTED EQUI-LENGTH LINE SEGMENTS FOR CURVE AND STRUCTURE MATCHING. International Journal of Pattern Recognition and Artificial Intelligence, 2004, 18, 1019-1037.	1.2	3
39	Tomography time-frequency transform. IEEE Transactions on Signal Processing, 2002, 50, 1289-1297.	5.3	12