Shuo Hong Wang

List of Publications by Year
in descending order

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16 papers	267 citations	1478505 6 h-index	1588992 8 g-index
16 all docs	16 docs citations	16 times ranked	332 citing authors

#	Article	IF	Citations
1	Learning to Diagnose Cirrhosis with Liver Capsule Guided Ultrasound Image Classification. Sensors, 2017, 17, 149.	3.8	84
2	An effective and robust method for tracking multiple fish in video image based on fish head detection. BMC Bioinformatics, 2016, 17, 251.	2.6	48
3	Robust tracking of fish schools using CNN for head identification. Multimedia Tools and Applications, 2017, 76, 23679-23697.	3.9	40
4	Automated Planar Tracking the Waving Bodies of Multiple Zebrafish Swimming in Shallow Water. PLoS ONE, 2016, 11, e0154714.	2.5	25
5	3D tracking swimming fish school with learned kinematic model using LSTM network. , 2017, , .		16
6	A Novel Method for Tracking Individuals of Fruit Fly Swarms Flying in a Laboratory Flight Arena. PLoS ONE, 2015, 10, e0129657.	2.5	14
7	Early diagnosis of cirrhosis via automatic location and geometric description of liver capsule. Visual Computer, 2018, 34, 1677-1689.	3.5	9
8	Tracking undulatory body motion of multiple fish based on midline dynamics modeling. , 2016, , .		7
9	A clinical decision support system for predicting cirrhosis stages via high frequency ultrasound images. Expert Systems With Applications, 2021, 175, 114680.	7.6	7
10	3D tracking swimming fish school using a master view tracking first strategy. , 2016, , .		6
11	Learning to diagnose cirrhosis via combined liver capsule and parenchyma ultrasound image features. , 2016, , .		4
12	3D tracking targets via kinematic model weighted particle filter. , 2016, , .		4
13	Estimating Orientation of Flying Fruit Flies. PLoS ONE, 2015, 10, e0132101.	2.5	1
14	Learning kinematic model of targets in videos from fixed cameras. , 2016, , .		1
15	Estimating orientation in tracking individuals of flying swarms. , 2016, , .		1
16	Tracking the 3D position and orientation of flying swarms with learned kinematic pattern using LSTM network. , 2017, , .		0