

# Yu-Len Huang

## List of Publications by Year in descending order

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44  
papers

1,351  
citations

567281

15  
h-index

454955

30  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1089  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Segment and Quantify Choroid Layer in Myopic eyes: Deep Learning based Model. Seminars in Ophthalmology, 2022, , 1-8.	1.6	0
2	Application of Artificial Intelligence and Deep Learning for Choroid Segmentation in Myopia. Translational Vision Science and Technology, 2022, 11, 38.	2.2	11
3	Baseball Swing Pose Estimation Using OpenPose. , 2021, , .		6
4	Multiview Contouring for Breast Tumor on Magnetic Resonance Imaging. Journal of Digital Imaging, 2019, 32, 713-727.	2.9	6
5	Intra-operative Tumor Margin Evaluation in Breast-Conserving Surgery with Deep Learning. Journal of Image and Graphics(UK), 2019, 7, 90-93.	3.2	3
6	Adaptive Segmentation Method for Evaluating of Choroidal Thickness on Optical Coherence Tomography. , 2018, , .		0
7	Mammographic Density Distribution of Healthy Taiwanese Women and its Naturally Decreasing Trend with Age. Scientific Reports, 2018, 8, 14937.	3.3	6
8	Implant volume estimation in direct-to-implant breast reconstruction after nipple-sparing mastectomy. Journal of Surgical Research, 2018, 231, 290-296.	1.6	4
9	Using Flow Characteristics in Three-Dimensional Power Doppler Ultrasound Imaging to Predict Complete Responses in Patients Undergoing Neoadjuvant Chemotherapy. Journal of Ultrasound in Medicine, 2017, 36, 887-900.	1.7	7
10	Doppler Ultrasound High-definition Flow Imaging in the Study of Breast Cancer Neo-adjuvant Chemotherapy. , 2017, , .		0
11	Effectiveness of evaluating tumor vascularization using 3D power Doppler ultrasound with high-definition flow technology in the prediction of the response to neoadjuvant chemotherapy for T2 breast cancer: a preliminary report. Physics in Medicine and Biology, 2015, 60, 7763-7778.	3.0	10
12	Stellate Masses and Histologic Grades in Breast Cancer. Ultrasound in Medicine and Biology, 2014, 40, 904-916.	1.5	4
13	Breast Tumor Segmentation Based on Level-Set Method in 3D Sonography. , 2013, , .		1
14	Three-Dimensional Region-Based Segmentation for Breast Tumors on Sonography. Journal of Ultrasound in Medicine, 2013, 32, 835-846.	1.7	1
15	Three-Dimensional Region-Based Segmentation for Breast Tumors on Sonography. Journal of Ultrasound in Medicine, 2013, 32, 835-846.	1.7	6
16	Spiculation Analysis of Breast Tumors on 3D Ultrasound. , 2012, , .		2
17	Left ventricular myocardium segmentation on delayed phase of multi-detector row computed tomography. International Journal of Computer Assisted Radiology and Surgery, 2012, 7, 737-751.	2.8	5
18	Left ventricular myocardium segmentation on arterial phase of multi-detector row computed tomography. Computerized Medical Imaging and Graphics, 2012, 36, 25-37.	5.8	5

#	ARTICLE	IF	CITATIONS
19	Computer-aided diagnosis with textural features for breast lesions in sonograms. <i>Computerized Medical Imaging and Graphics</i> , 2011, 35, 220-226.	5.8	40
20	Automatic detection of antinuclear autoantibodies cells in indirect immunofluorescence images. , 2010, , .		2
21	Comparative Analysis of Logistic Regression, Support Vector Machine and Artificial Neural Network for the Differential Diagnosis of Benign and Malignant Solid Breast Tumors by the Use of Three-Dimensional Power Doppler Imaging. <i>Korean Journal of Radiology</i> , 2009, 10, 464.	3.4	24
22	Left ventricular myocardial volumes measured during arterial and delayed phases of multidetector row computed tomography: a study on intra- and interobserver variability. <i>International Journal of Cardiovascular Imaging</i> , 2009, 25, 55-63.	1.5	4
23	Characterization of Benign and Malignant Solid Breast Masses: Harmonic Versus Nonharmonic 3D Power Doppler Imaging. <i>Ultrasound in Medicine and Biology</i> , 2009, 35, 353-359.	1.5	20
24	Computer-Aided Diagnosis for Breast Tumors by Using Vascularization of 3-D Power Doppler Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2009, 35, 1607-1614.	1.5	15
25	HEp-2 cell classification in indirect immunofluorescence images. , 2009, , .		20
26	Computer-aided Diagnosis Using Neural Networks and Support Vector Machines for Breast Ultrasonography. <i>Journal of Medical Ultrasound</i> , 2009, 17, 17-24.	0.4	15
27	Intra-Tumor Flow Index Can Predict the Malignant Potential of Breast Tumor: Dependent on Age and Volume. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 88-95.	1.5	15
28	Adaptive Automatic Segmentation of HEp-2 Cells in Indirect Immunofluorescence Images. , 2008, , .		31
29	Outline Detection for the HEp-2 Cell in Indirect Immunofluorescence Images Using Watershed Segmentation. , 2008, , .		27
30	Clustering Synonymous English and Chinese Keywords for Cross-Language Queries. , 2007, , .		1
31	Level Set Contouring for Breast Tumor in Sonography. <i>Journal of Digital Imaging</i> , 2007, 20, 238-247.	2.9	52
32	Temporal Error Concealment for MPEG Coded Video Using a Self-Organizing Map. <i>IEEE Transactions on Consumer Electronics</i> , 2006, 52, 676-681.	3.6	6
33	Diagnosis of Hepatic Tumors With Texture Analysis in Nonenhanced Computed Tomography Images. <i>Academic Radiology</i> , 2006, 13, 713-720.	2.5	85
34	Diagnosis of breast tumors with ultrasonic texture analysis using support vector machines. <i>Neural Computing and Applications</i> , 2006, 15, 164-169.	5.6	97
35	Blind Adaptive Shift Length Watermarking For Digital Images. , 2006, , .		0
36	Support vector machines in sonography. <i>Clinical Imaging</i> , 2005, 29, 179-184.	1.5	56

#	ARTICLE	IF	CITATIONS
37	Wavelet-based image interpolation using multilayer perceptrons. Neural Computing and Applications, 2005, 14, 1-10.	5.6	16
38	Automatic Contouring for Breast Tumors in 2-D Sonography. , 2005, 2005, 3225-8.		15
39	Watershed segmentation for breast tumor in 2-D sonography. Ultrasound in Medicine and Biology, 2004, 30, 625-632.	1.5	164
40	Diagnosis of breast tumors with sonographic texture analysis using wavelet transform and neural networks. Ultrasound in Medicine and Biology, 2002, 28, 1301-1310.	1.5	180
41	Breast cancer diagnosis using self-organizing map for sonography. Ultrasound in Medicine and Biology, 2000, 26, 405-411.	1.5	158
42	Texture analysis of breast tumors on sonograms. Seminars in Ultrasound, CT and MRI, 2000, 21, 308-316.	1.5	46
43	Computer-aided Diagnosis Applied to US of Solid Breast Nodules by Using Neural Networks. Radiology, 1999, 213, 407-412.	7.3	177
44	Breast cancer diagnosis using image retrieval for different ultrasonic systems. , 0, , .		8