

Michael T C Ying

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

2,821
citations

31
h-index

50
g-index

111
ext. papers

3,201
ext. citations

2.9
avg, IF

5.06
L-index

#	Paper	IF	Citations
102	Study on the effects of arm abduction angle and cushion support during sonographic examination on the stiffness of supraspinatus muscle of sonographers using shear wave elastography. <i>Journal of Occupational Health</i> , 2021 , 63, e12306	2.3	0
101	Gait speed and spasticity are independently associated with estimated failure load in the distal tibia after stroke: an HR-pQCT study. <i>Osteoporosis International</i> , 2021 , 1	5.3	0
100	Determinants of estimated failure load in the distal radius after stroke: An HR-pQCT study. <i>Bone</i> , 2021 , 144, 115831	4.7	1
99	Evaluation of the performance of traditional machine learning algorithms, convolutional neural network and AutoML Vision in ultrasound breast lesions classification: a comparative study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 1381-1393	3.6	7
98	Diagnostic performance evaluation of different TI-RADS using ultrasound computer-aided diagnosis of thyroid nodules: An experience with adjusted settings. <i>PLoS ONE</i> , 2021 , 16, e0245617	3.7	2
97	Reply to Myers and Leprêtre. <i>Journal of Applied Physiology</i> , 2021 , 130, 673-674	3.7	1
96	Whole-body vibration modulates leg muscle reflex and blood perfusion among people with chronic stroke: a randomized controlled crossover trial. <i>Scientific Reports</i> , 2020 , 10, 1473	4.9	4
95	Performance evaluation of a portable bioimpedance cardiac output monitor for measuring hemodynamic changes in athletes during a head-up tilt test. <i>Journal of Applied Physiology</i> , 2020 , 128, 1146-1152	3.7	5
94	Determination of leg cross-sectional curvatures and application in pressure prediction for lower body compression garments. <i>Textile Research Journal</i> , 2019 , 89, 1835-1852	1.7	8
93	The Diagnostic Efficiency of Ultrasound Computer-Aided Diagnosis in Differentiating Thyroid Nodules: A Systematic Review and Narrative Synthesis. <i>Cancers</i> , 2019 , 11,	6.6	11
92	Decompose-and-Integrate Learning for Multi-class Segmentation in Medical Images. <i>Lecture Notes in Computer Science</i> , 2019 , 641-650	0.9	5
91	Quantification of intranodal vascularity by computer pixel-counting method enhances the accuracy of ultrasound in distinguishing metastatic and tuberculous cervical lymph nodes. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 1773-1780	3.6	2
90	Designing of advanced smart medical stocking using stress-memory polymeric filaments for pressure control and massaging. <i>Materials Science and Engineering C</i> , 2018 , 91, 263-273	8.3	9
89	Ultrasound Evaluation of Carotid Atherosclerosis in Post-Radiotherapy Nasopharyngeal Carcinoma Patients, Type 2 Diabetics, and Healthy Controls. <i>Ultraschall in Der Medizin</i> , 2017 , 38, 190-197	3.8	7
88	Tendon vascularity in overhead athletes with subacromial pain syndrome and its correlation with the resting subacromial space. <i>Journal of Shoulder and Elbow Surgery</i> , 2017 , 26, 774-780	4.3	7
87	Computer-aided assessment of regional vascularity of thyroid nodules for prediction of malignancy. <i>Scientific Reports</i> , 2017 , 7, 14350	4.9	9
86	A study on the post-radiotherapy changes of temporomandibular joint in nasopharyngeal carcinoma patients. <i>British Journal of Radiology</i> , 2017 , 90, 20170375	3.4	6

85	Shear Wave Elastography Combining with Conventional Grey Scale Ultrasound Improves the Diagnostic Accuracy in Differentiating Benign and Malignant Thyroid Nodules. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 1103	2.6	2
84	A study of the factors affecting radiation-induced temporomandibular joint changes in post-radiotherapy nasopharyngeal carcinoma patients. <i>Journal of Radiation Oncology</i> , 2016 , 5, 41-46	0.7	1
83	Diagnostic Accuracy of Computer-Aided Assessment of Intranodal Vascularity in Distinguishing Different Causes of Cervical Lymphadenopathy. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 2010-6	3.5	6
82	Sonographic evaluation of the effect of long-term exercise on Achilles tendon stiffness using shear wave elastography. <i>Journal of Science and Medicine in Sport</i> , 2016 , 19, 883-887	4.4	36
81	Predictive Value of Carotid Distensibility Coefficient for Cardiovascular Diseases and All-Cause Mortality: A Meta-Analysis. <i>PLoS ONE</i> , 2016 , 11, e0152799	3.7	18
80	An Investigation of the Immediate Effect of Static Stretching on the Morphology and Stiffness of Achilles Tendon in Dominant and Non-Dominant Legs. <i>PLoS ONE</i> , 2016 , 11, e0154443	3.7	18
79	S100A8 and S100A9 Are Associated with Doxorubicin-Induced Cardiotoxicity in the Heart of Diabetic Mice. <i>Frontiers in Physiology</i> , 2016 , 7, 334	4.6	7
78	Coarse-to-Fine Stacked Fully Convolutional Nets for lymph node segmentation in ultrasound images 2016 ,		29
77	Association between genetic polymorphisms and carotid atherosclerosis in patients treated with radiotherapy for nasopharyngeal carcinoma. <i>Radiation Oncology</i> , 2015 , 10, 39	4.2	5
76	Protective effects of desacyl ghrelin on diabetic cardiomyopathy. <i>Acta Diabetologica</i> , 2015 , 52, 293-306	3.9	37
75	A Preliminary Study of Estimation of Cobb's Angle From the Spinous Process Angle Using a Clinical Ultrasound Method. <i>Spine Deformity</i> , 2015 , 3, 476-482	2	6
74	Sonographic appearance of thyroid glands in patients treated with intensity-modulated radiotherapy or conventional radiotherapy for nasopharyngeal carcinoma. <i>Journal of Clinical Ultrasound</i> , 2015 , 43, 210-223	1	2
73	Resveratrol protects against doxorubicin-induced cardiotoxicity in aged hearts through the SIRT1-USP7 axis. <i>Journal of Physiology</i> , 2015 , 593, 1887-99	3.9	55
72	Modulating effect of SIRT1 activation induced by resveratrol on Foxo1-associated apoptotic signalling in senescent heart. <i>Journal of Physiology</i> , 2014 , 592, 2535-48	3.9	61
71	Desacyl ghrelin prevents doxorubicin-induced myocardial fibrosis and apoptosis via the GHSR-independent pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E311-23	6	42
70	The effect of diabetes self-management education on body weight, glycemic control, and other metabolic markers in patients with type 2 diabetes mellitus. <i>Journal of Diabetes Research</i> , 2014 , 2014, 789761	3.9	35
69	Effects of qigong exercise on upper limb lymphedema and blood flow in survivors of breast cancer: a pilot study. <i>Integrative Cancer Therapies</i> , 2014 , 13, 54-61	3	33
68	Cumulative effects of hypertension, dyslipidemia, and chronic kidney disease on carotid atherosclerosis in Chinese patients with type 2 diabetes mellitus. <i>Journal of Diabetes Research</i> , 2014 , 2014, 179686	3.9	19

67	Predictors of the extent of carotid atherosclerosis in patients treated with radiotherapy for nasopharyngeal carcinoma. <i>PLoS ONE</i> , 2014 , 9, e116284	3.7	10
66	Three-dimensional elastography for cervical lymph node volume measurements: a study to investigate feasibility, accuracy and reliability. <i>Ultrasound in Medicine and Biology</i> , 2013 , 39, 396-406	3.5	4
65	Sonographic appearance of submandibular glands in patients treated with external beam radiotherapy for nasopharyngeal carcinoma. <i>Journal of Clinical Ultrasound</i> , 2013 , 41, 472-8	1	1
64	Association between plantar fascia vascularity and morphology and foot dysfunction in individuals with chronic plantar fasciitis. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2013 , 43, 727-34	4.2	20
63	Ultrasound measurements on acromio-humeral distance and supraspinatus tendon thickness: test-retest reliability and correlations with shoulder rotational strengths. <i>Journal of Science and Medicine in Sport</i> , 2012 , 15, 284-91	4.4	60
62	Repeatability and reproducibility of ultrasonographic measurement of carotid intima thickness. <i>Journal of Clinical Ultrasound</i> , 2012 , 40, 79-84	1	5
61	Sonographic evaluation of thyroid morphology during the normal estrous cycle in the Indo-Pacific bottlenose dolphin (<i>Tursiops aduncus</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2012 , 43, 256-64	0.9	2
60	Evaluation of transcranial Doppler flow velocity changes in intracerebral hemorrhage rats using ultrasonography. <i>Journal of Neuroscience Methods</i> , 2012 , 210, 272-80	3	3
59	Could clinical ultrasound improve the fitting of spinal orthosis for the patients with AIS?. <i>European Spine Journal</i> , 2012 , 21, 1926-35	2.7	31
58	A comparison of portable ultrasound and fully-equipped clinical ultrasound unit in the thyroid size measurement of the Indo-Pacific bottlenose dolphin. <i>PLoS ONE</i> , 2012 , 7, e30218	3.7	2
57	Evaluation of liver fibrosis by investigation of hepatic parenchymal perfusion using contrast-enhanced ultrasound: an animal study. <i>Journal of Clinical Ultrasound</i> , 2012 , 40, 462-70	1	5
56	Sonographic evaluation of thyroid morphology during different reproductive events in female Indo-Pacific bottlenose dolphins, <i>Tursiops aduncus</i> . <i>Marine Mammal Science</i> , 2012 , 28, 733-750	1.9	4
55	Correlation between computerised findings and Newman-K scaling on vascularity using power Doppler ultrasonography imaging and its predictive value in patients with plantar fasciitis. <i>British Journal of Radiology</i> , 2012 , 85, 925-9	3.4	6
54	Evaluation of two-dimensional and three-dimensional ultrasound in the assessment of thyroid volume of the Indo-Pacific bottlenose dolphin (<i>Tursiops aduncus</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2012 , 43, 33-49	0.9	3
53	Ultrasonographic assessment of the thyroid gland and adjacent anatomic structures in Indo-Pacific bottlenose dolphins (<i>Tursiops aduncus</i>). <i>American Journal of Veterinary Research</i> , 2012 , 73, 1696-706	1.1	8
52	Lymph Nodes 2012 , 211-228		1
51	Sonographic appearance of parotid glands in patients treated with intensity-modulated radiotherapy or conventional radiotherapy for nasopharyngeal carcinoma. <i>Ultrasound in Medicine and Biology</i> , 2011 , 37, 220-30	3.5	10
50	Habitual exercise increases resistance of lymphocytes to oxidant-induced DNA damage by upregulating expression of antioxidant and DNA repairing enzymes. <i>Experimental Physiology</i> , 2011 , 96, 889-906	2.4	28

49	In-vitro Strain and Modulus Measurements in Porcine Cervical Lymph Nodes. <i>Open Biomedical Engineering Journal</i> , 2011 , 5, 39-46	0.9	11
48	Evaluation of cerebral blood flow changes in focal cerebral ischemia rats by using transcranial Doppler ultrasonography. <i>Ultrasound in Medicine and Biology</i> , 2010 , 36, 595-603	3.5	11
47	A semi-quantitative approach to compare high-sensitivity power Doppler sonography and conventional power Doppler sonography in the assessment of thyroid vascularity. <i>Thyroid</i> , 2009 , 19, 1265-9	6.2	13
46	Three-dimensional ultrasound measurement of cervical lymph node volume. <i>British Journal of Radiology</i> , 2009 , 82, 617-25	3.4	15
45	Evaluation of the accuracy and reliability of two 3-dimensional sonography methods in volume measurement of small structures: an in vitro phantom study. <i>Journal of Clinical Ultrasound</i> , 2009 , 37, 82-8	1	14
44	Asymmetry of thyroid lobe volume in normal Chinese subjects: association with handedness and position of esophagus. <i>Anatomical Record</i> , 2009 , 292, 169-74	2.1	10
43	Reliability of 2D ultrasound measurements of testis size in dolphins taken under voluntary behavior. <i>Ultrasound in Medicine and Biology</i> , 2009 , 35, 1005-9	3.5	5
42	Semen collection and ejaculate characteristics in the Indo-Pacific bottlenose dolphin (<i>Tursiops aduncus</i>). <i>Journal of Andrology</i> , 2009 , 30, 432-9		13
41	Ultrasound of malignant cervical lymph nodes. <i>Cancer Imaging</i> , 2008 , 8, 48-56	5.6	164
40	Effects of graduated compression stockings with different pressure profiles on lower-limb venous structures and haemodynamics. <i>Advances in Therapy</i> , 2008 , 25, 465-78	4.1	57
39	Two-dimensional ultrasound measurement of thyroid gland volume: a new equation with higher correlation with 3-D ultrasound measurement. <i>Ultrasound in Medicine and Biology</i> , 2008 , 34, 56-63	3.5	17
38	Comparison of sonographic appearance of normal and postradiotherapy parotid glands: a preliminary study. <i>Ultrasound in Medicine and Biology</i> , 2007 , 33, 1244-50	3.5	27
37	Ultrasound of neck lymph nodes: How to do it and how do they look?. <i>Radiography</i> , 2006 , 12, 105-117	2	13
36	Sonographic measurement of achilles tendons in asymptomatic subjects: variation with age, body height, and dominance of ankle. <i>Journal of Ultrasound in Medicine</i> , 2006 , 25, 1291-6	2.9	60
35	Reliability of 3-D ultrasound measurements of cervical lymph node volume. <i>Ultrasound in Medicine and Biology</i> , 2006 , 32, 995-1001	3.5	4
34	Three-dimensional ultrasound volumetric measurements: is the largest number of image planes necessary for outlining the region-of-interest?. <i>Ultrasound in Medicine and Biology</i> , 2006 , 32, 1193-202	3.5	14
33	Sonographic evaluation of cervical lymph nodes. <i>American Journal of Roentgenology</i> , 2005 , 184, 1691-9	5.4	204
32	Comparison of extended field of view and dual image ultrasound techniques: accuracy and reliability of distance measurements in phantom study. <i>Ultrasound in Medicine and Biology</i> , 2005 , 31, 79-83	3.5	27

31	Sonographic measurement of thyroid gland volume: A comparison of 2D and 3D ultrasound. <i>Radiography</i> , 2005 , 11, 242-248	2	7
30	The reproducibility and short-term and long-term repeatability of sonographic measurement of splenic length. <i>Ultrasound in Medicine and Biology</i> , 2004 , 30, 861-6	3.5	7
29	Evaluation of cervical lymph node vascularity: a comparison of colour Doppler, power Doppler and 3-D power Doppler sonography. <i>Ultrasound in Medicine and Biology</i> , 2004 , 30, 1557-64	3.5	25
28	Exercise and sonography of the Achilles tendon: getting both sides of the story. <i>Ultrasound in Medicine and Biology</i> , 2004 , 30, 417-418	3.5	
27	Accuracy of sonographic vascular features in differentiating different causes of cervical lymphadenopathy. <i>Ultrasound in Medicine and Biology</i> , 2004 , 30, 441-7	3.5	62
26	Grey-scale and power Doppler sonography of unusual cervical lymphadenopathy. <i>Ultrasound in Medicine and Biology</i> , 2004 , 30, 449-54	3.5	19
25	Three-dimensional ultrasound measurement of thyroid volume in asymptomatic male Chinese. <i>Ultrasound in Medicine and Biology</i> , 2004 , 30, 1427-33	3.5	21
24	Is neck ultrasound necessary for early stage oral tongue carcinoma with clinically N0 neck?. <i>Dentomaxillofacial Radiology</i> , 2003 , 32, 156-9	3.9	14
23	Sonographic evaluation of cervical lymphadenopathy: is power Doppler sonography routinely indicated?. <i>Ultrasound in Medicine and Biology</i> , 2003 , 29, 353-9	3.5	56
22	Sonographic evaluation of the size of Achilles tendon: the effect of exercise and dominance of the ankle. <i>Ultrasound in Medicine and Biology</i> , 2003 , 29, 637-42	3.5	114
21	Sonography of neck lymph nodes. Part I: normal lymph nodes. <i>Clinical Radiology</i> , 2003 , 58, 351-8	2.9	116
20	Sonography of neck lymph nodes. Part II: abnormal lymph nodes. <i>Clinical Radiology</i> , 2003 , 58, 359-66	2.9	185
19	Sonographic appearances of cervical lymph nodes: variations by age and sex. <i>Journal of Clinical Ultrasound</i> , 2002 , 30, 1-11	1	44
18	Repeatability of power Doppler sonography of cervical lymph nodes. <i>Ultrasound in Medicine and Biology</i> , 2002 , 28, 737-44	3.5	18
17	Gray scale and power Doppler sonography of normal cervical lymph nodes: comparison between Chinese and white subjects. <i>Journal of Ultrasound in Medicine</i> , 2002 , 21, 59-65	2.9	15
16	An overview of neck node sonography. <i>Investigative Radiology</i> , 2002 , 37, 333-42	10.1	91
15	Distribution of intranodal vessels in differentiating benign from metastatic neck nodes. <i>Clinical Radiology</i> , 2001 , 56, 197-201	2.9	84
14	Power Doppler sonography of metastatic nodes from papillary carcinoma of the thyroid. <i>Clinical Radiology</i> , 2001 , 56, 284-8	2.9	39

13	Pseudocystic appearance of non-Hodgkin's lymphomatous nodes: an infrequent finding with high-resolution transducers. <i>Clinical Radiology</i> , 2001 , 56, 111-5	2.9	61
12	Vascularity and grey-scale sonographic features of normal cervical lymph nodes: variations with nodal size. <i>Clinical Radiology</i> , 2001 , 56, 416-9	2.9	48
11	Power Doppler sonography of cervical lymphadenopathy. <i>Clinical Radiology</i> , 2001 , 56, 965-9	2.9	31
10	A Review of Ultrasound of Cervical Lymph Nodes. <i>BMUS Bulletin</i> , 2001 , 9, 6-10		
9	Power Doppler sonography of normal cervical lymph nodes. <i>Journal of Ultrasound in Medicine</i> , 2000 , 19, 511-7	2.9	43
8	Nodal shape (S/L) and its combination with size for assessment of cervical lymphadenopathy: which cut-off should be used?. <i>Ultrasound in Medicine and Biology</i> , 1999 , 25, 1169-75	3.5	22
7	Submental metastases from nasopharyngeal carcinoma. <i>Clinical Radiology</i> , 1999 , 54, 25-8	2.9	16
6	Cervical lymphadenopathy: sonographic differentiation between tuberculous nodes and nodal metastases from non-head and neck carcinomas. <i>Journal of Clinical Ultrasound</i> , 1998 , 26, 383-9	1	89
5	The value of thyroid parenchymal echogenicity as an indicator of pathology using the sternomastoid muscle for comparison. <i>Ultrasound in Medicine and Biology</i> , 1998 , 24, 1097-105	3.5	13
4	The sonographic appearance and significance of cervical metastatic nodes following radiotherapy for nasopharyngeal carcinoma. <i>Clinical Radiology</i> , 1996 , 51, 698-701	2.9	35
3	The use of sonography in differentiating cervical lymphomatous lymph nodes from cervical metastatic lymph nodes. <i>Clinical Radiology</i> , 1996 , 51, 186-90	2.9	62
2	Sonographic appearance and distribution of normal cervical lymph nodes in a Chinese population. <i>Journal of Ultrasound in Medicine</i> , 1996 , 15, 431-6	2.9	46
1	The application of ultrasound criteria for malignancy in differentiating tuberculous cervical adenitis from metastatic nasopharyngeal carcinoma. <i>Clinical Radiology</i> , 1995 , 50, 391-5	2.9	57