

# Michael T C Ying

## List of Publications by Year in descending order

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109  
papers

3,577  
citations

147566

31  
h-index

149479

56  
g-index

111  
all docs

111  
docs citations

111  
times ranked

3192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sonographic Evaluation of Cervical Lymph Nodes. American Journal of Roentgenology, 2005, 184, 1691-1699.	1.0	264
2	Sonography of Neck Lymph Nodes. Part II: Abnormal Lymph Nodes. Clinical Radiology, 2003, 58, 359-366.	0.5	239
3	Ultrasound of malignant cervical lymph nodes. Cancer Imaging, 2008, 8, 48-56.	1.2	225
4	Sonography of Neck Lymph Nodes. Part I: Normal Lymph Nodes. Clinical Radiology, 2003, 58, 351-358.	0.5	135
5	Sonographic evaluation of the size of achilles tendon: the effect of exercise and dominance of the ankle. Ultrasound in Medicine and Biology, 2003, 29, 637-642.	0.7	125
6	Cervical lymphadenopathy: Sonographic differentiation between tuberculous nodes and nodal metastases from non-head and neck carcinomas. Journal of Clinical Ultrasound, 1998, 26, 383-389.	0.4	102
7	An Overview of Neck Node Sonography. Investigative Radiology, 2002, 37, 333-342.	3.5	102
8	Distribution of Intranodal Vessels in Differentiating Benign from Metastatic Neck Nodes. Clinical Radiology, 2001, 56, 197-201.	0.5	93
9	Resveratrol protects against doxorubicin-induced cardiotoxicity in aged hearts through the SIRT1/USP7 axis. Journal of Physiology, 2015, 593, 1887-1899.	1.3	78
10	Sonographic Measurement of Achilles Tendons in Asymptomatic Subjects. Journal of Ultrasound in Medicine, 2006, 25, 1291-1296.	0.8	77
11	The use of sonography in differentiating cervical lymphomatous lymph nodes from cervical metastatic lymph nodes. Clinical Radiology, 1996, 51, 186-190.	0.5	76
12	Ultrasound measurements on acromio-humeral distance and supraspinatus tendon thickness: Test-retest reliability and correlations with shoulder rotational strengths. Journal of Science and Medicine in Sport, 2012, 15, 284-291.	0.6	76
13	Effects of graduated compression stockings with different pressure profiles on lower-limb venous structures and haemodynamics. Advances in Therapy, 2008, 25, 465-478.	1.3	75
14	Accuracy of sonographic vascular features in differentiating different causes of cervical lymphadenopathy. Ultrasound in Medicine and Biology, 2004, 30, 441-447.	0.7	72
15	Modulating effect of SIRT1 activation induced by resveratrol on Foxo1-associated apoptotic signalling in senescent heart. Journal of Physiology, 2014, 592, 2535-2548.	1.3	72
16	Sonographic evaluation of cervical lymphadenopathy: is power Doppler sonography routinely indicated?. Ultrasound in Medicine and Biology, 2003, 29, 353-359.	0.7	68
17	"Pseudocystic" Appearance of Non-Hodgkin's Lymphomatous Nodes: An Infrequent Finding with High-resolution Transducers. Clinical Radiology, 2001, 56, 111-115.	0.5	67
18	The application of ultrasound criteria for malignancy in differentiating tuberculous cervical adenitis from metastatic nasopharyngeal carcinoma. Clinical Radiology, 1995, 50, 391-395.	0.5	58

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19	Sonographic appearance and distribution of normal cervical lymph nodes in a Chinese population.. Journal of Ultrasound in Medicine, 1996, 15, 431-436.	0.8	58
20	Power Doppler sonography of normal cervical lymph nodes.. Journal of Ultrasound in Medicine, 2000, 19, 511-517.	0.8	55
21	The Effect of Diabetes Self-Management Education on Body Weight, Glycemic Control, and Other Metabolic Markers in Patients with Type 2 Diabetes Mellitus. Journal of Diabetes Research, 2014, 2014, 1-6.	1.0	54
22	Vascularity and Grey-Scale Sonographic Features of Normal Cervical Lymph Nodes: Variations with Nodal Size. Clinical Radiology, 2001, 56, 416-419.	0.5	53
23	Sonographic appearances of cervical lymph nodes: Variations by age and sex. Journal of Clinical Ultrasound, 2002, 30, 1-11.	0.4	53
24	Sonographic evaluation of the effect of long-term exercise on Achilles tendon stiffness using shear wave elastography. Journal of Science and Medicine in Sport, 2016, 19, 883-887.	0.6	48
25	Desacyl ghrelin prevents doxorubicin-induced myocardial fibrosis and apoptosis via the GHSR-independent pathway. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E311-E323.	1.8	47
26	Coarse-to-Fine Stacked Fully Convolutional Nets for lymph node segmentation in ultrasound images. , 2016, , .		44
27	Protective effects of desacyl ghrelin on diabetic cardiomyopathy. Acta Diabetologica, 2015, 52, 293-306.	1.2	43
28	Power Doppler Sonography of Metastatic Nodes from Papillary Carcinoma of the Thyroid. Clinical Radiology, 2001, 56, 284-288.	0.5	41
29	The sonographic appearance and significance of cervical metastatic nodes following radiotherapy for nasopharyngeal carcinoma. Clinical Radiology, 1996, 51, 698-701.	0.5	38
30	Power Doppler Sonography of Cervical Lymphadenopathy. Clinical Radiology, 2001, 56, 965-969.	0.5	37
31	Could clinical ultrasound improve the fitting of spinal orthosis for the patients with AIS?. European Spine Journal, 2012, 21, 1926-1935.	1.0	37
32	Effects of Qigong Exercise on Upper Limb Lymphedema and Blood Flow in Survivors of Breast Cancer. Integrative Cancer Therapies, 2014, 13, 54-61.	0.8	37
33	Evaluation of the performance of traditional machine learning algorithms, convolutional neural network and AutoML Vision in ultrasound breast lesions classification: a comparative study. Quantitative Imaging in Medicine and Surgery, 2021, 11, 1381-1393.	1.1	36
34	Comparison of extended field of view and dual image ultrasound techniques: Accuracy and reliability of distance measurements in phantom study. Ultrasound in Medicine and Biology, 2005, 31, 79-83.	0.7	31
35	Comparison of Sonographic Appearance of Normal and Postradiotherapy Parotid Glands: A Preliminary Study. Ultrasound in Medicine and Biology, 2007, 33, 1244-1250.	0.7	31
36	Habitual exercise increases resistance of lymphocytes to oxidant-induced DNA damage by upregulating expression of antioxidant and DNA repairing enzymes. Experimental Physiology, 2011, 96, 889-906.	0.9	29

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37	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, 1-7.	1.0	29
38	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, 727-734.	1.7	28
39	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, 1169-1175.	0.7	27
40	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, 1557-1564.	0.7	27
41	Predictive Value of Carotid Distensibility Coefficient for Cardiovascular Diseases and All-Cause Mortality: A Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0152799.	1.1	25
42	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.	1.1	25
43	Is neck ultrasound necessary for early stage oral tongue carcinoma with clinically N0 neck?. <i>Dentomaxillofacial Radiology</i> , 2003, 32, 156-159.	1.3	22
44	Grey-scale and power Doppler sonography of unusual cervical lymphadenopathy. <i>Ultrasound in Medicine and Biology</i> , 2004, 30, 449-454.	0.7	22
45	Repeatability of power Doppler sonography of cervical lymph nodes. <i>Ultrasound in Medicine and Biology</i> , 2002, 28, 737-744.	0.7	21
46	Three-dimensional ultrasound measurement of thyroid volume in asymptomatic male Chinese. <i>Ultrasound in Medicine and Biology</i> , 2004, 30, 1427-1433.	0.7	21
47	Semen Collection and Ejaculate Characteristics in the Indo-Pacific Bottlenose Dolphin ( <i>Tursiops</i> ) Tj ETQq1 1 0.784314 rgBT /Over	2.0	21
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.	0.7	21
49	The Diagnostic Efficiency of Ultrasound Computer-Aided Diagnosis in Differentiating Thyroid Nodules: A Systematic Review and Narrative Synthesis. <i>Cancers</i> , 2019, 11, 1759.	1.7	21
50	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.	0.7	20
51	Three-dimensional ultrasound measurement of cervical lymph node volume. <i>British Journal of Radiology</i> , 2009, 82, 617-625.	1.0	20
52	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, 1097-1105.	0.7	19
53	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.	3.8	18
54	Submental metastases from nasopharyngeal carcinoma. <i>Clinical Radiology</i> , 1999, 54, 25-28.	0.5	17

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55	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, 1193-1202.	0.7	16
56	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.	1.1	16
57	Gray Scale and Power Doppler Sonography of Normal Cervical Lymph Nodes. <i>Journal of Ultrasound in Medicine</i> , 2002, 21, 59-65.	0.8	15
58	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, 82-88.	0.4	15
59	S100A8 and S100A9 Are Associated with Doxorubicin-Induced Cardiotoxicity in the Heart of Diabetic Mice. <i>Frontiers in Physiology</i> , 2016, 7, 334.	1.3	15
60	Computer-aided assessment of regional vascularity of thyroid nodules for prediction of malignancy. <i>Scientific Reports</i> , 2017, 7, 14350.	1.6	15
61	Ultrasound of neck lymph nodes: How to do it and how do they look?. <i>Radiography</i> , 2006, 12, 105-117.	1.1	14
62	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, 1265-1269.	2.4	14
63	Asymmetry of Thyroid Lobe Volume in Normal Chinese Subjects: Association with Handedness and Position of Esophagus. <i>Anatomical Record</i> , 2009, 292, 169-174.	0.8	13
64	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.	0.8	13
65	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.	1.6	13
66	In-vitro Strain and Modulus Measurements in Porcine Cervical Lymph Nodes. <i>Open Biomedical Engineering Journal</i> , 2011, 5, 39-46.	0.7	13
67	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, 220-230.	0.7	12
68	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, 1696-1706.	0.3	11
69	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.	1.1	11
70	Predictors of the Extent of Carotid Atherosclerosis in Patients Treated with Radiotherapy for Nasopharyngeal Carcinoma. <i>PLoS ONE</i> , 2014, 9, e116284.	1.1	11
71	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.	0.7	10
72	The reproducibility and short-term and long-term repeatability of sonographic measurement of splenic length. <i>Ultrasound in Medicine and Biology</i> , 2004, 30, 861-866.	0.7	9

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73	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, 2010-2016.	0.7	9
74	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.	1.2	9
75	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.	1.3	9
76	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.	1.2	9
77	Decompose-and-Integrate Learning for Multi-class Segmentation in Medical Images. <i>Lecture Notes in Computer Science</i> , 2019, , 641-650.	1.0	9
78	Correlation between computerised findings and Newman's 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, 925-929.	1.0	8
79	A study on the post-radiotherapy changes of temporomandibular joint in nasopharyngeal carcinoma patients. <i>British Journal of Radiology</i> , 2017, 90, 20170375.	1.0	8
80	Sonographic measurement of thyroid gland volume: A comparison of 2D and 3D ultrasound. <i>Radiography</i> , 2005, 11, 242-248.	1.1	7
81	Reliability of 2D Ultrasound Measurements of Testis Size in Dolphins Taken Under Voluntary Behavior. <i>Ultrasound in Medicine and Biology</i> , 2009, 35, 1005-1009.	0.7	7
82	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, 462-470.	0.4	7
83	Repeatability and reproducibility of ultrasonographic measurement of carotid intima thickness. <i>Journal of Clinical Ultrasound</i> , 2012, 40, 79-84.	0.4	7
84	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.	0.7	7
85	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.	0.9	6
86	Association between genetic polymorphisms and carotid atherosclerosis in patients treated with radiotherapy for nasopharyngeal carcinoma. <i>Radiation Oncology</i> , 2015, 10, 39.	1.2	6
87	Diagnostic Value of AngioPLUS Microvascular Imaging in Thyroid Nodule Diagnosis Using Quantitative and Qualitative Vascularity Grading. <i>Biomedicines</i> , 2022, 10, 1554.	1.4	6
88	Reliability of 3-D ultrasound measurements of cervical lymph node volume. <i>Ultrasound in Medicine and Biology</i> , 2006, 32, 995-1001.	0.7	5
89	Determinants of estimated failure load in the distal radius after stroke: An HR-pQCT study. <i>Bone</i> , 2021, 144, 115831.	1.4	5
90	Convergent Validity and Test-Retest Reliability of Multimodal Ultrasonography and Related Clinical Measures in People With Chronic Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 459-472.e4.	0.5	5

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91	Evaluation of Two-Dimensional and Three-Dimensional Ultrasound in the Assessment of Thyroid Volume of the Indo-Pacific Bottlenose Dolphin ( <i>Tursiops aduncus</i> ). Journal of Zoo and Wildlife Medicine, 2012, 43, 33-49.	0.3	4
92	Evaluation of transcranial Doppler flow velocity changes in intracerebral hemorrhage rats using ultrasonography. Journal of Neuroscience Methods, 2012, 210, 272-280.	1.3	4
93	Quantification of intranodal vascularity by computer pixel-counting method enhances the accuracy of ultrasound in distinguishing metastatic and tuberculous cervical lymph nodes. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1773-1780.	1.1	3
94	Gait speed and spasticity are independently associated with estimated failure load in the distal tibia after stroke: an HR-pQCT study. Osteoporosis International, 2021, , 1.	1.3	3
95	SONOGRAPHIC EVALUATION OF THYROID MORPHOLOGY DURING THE NORMAL ESTROUS CYCLE IN THE INDO-PACIFIC BOTTLENOSE DOLPHIN ( <i>TURSIOPS ADUNCUS</i> ). Journal of Zoo and Wildlife Medicine, 2012, 43, 256-264.	0.3	2
96	A Comparison of Portable Ultrasound and Fully-Equipped Clinical Ultrasound Unit in the Thyroid Size Measurement of the Indo-Pacific Bottlenose Dolphin. PLoS ONE, 2012, 7, e30218.	1.1	2
97	Sonographic appearance of submandibular glands in patients treated with external beam radiotherapy for nasopharyngeal carcinoma. Journal of Clinical Ultrasound, 2013, 41, 472-478.	0.4	2
98	Sonographic appearance of thyroid glands in patients treated with intensity-modulated radiotherapy or conventional radiotherapy for nasopharyngeal carcinoma. Journal of Clinical Ultrasound, 2015, 43, 210-223.	0.4	2
99	Comparative Analysis of Computer-Aided Diagnosis and Computer-Assisted Subjective Assessment in Thyroid Ultrasound. Life, 2021, 11, 1148.	1.1	2
100	Development and validation of bone-suppressed deep learning classification of COVID-19 presentation in chest radiographs. Quantitative Imaging in Medicine and Surgery, 2022, 12, 3917-3931.	1.1	2
101	A Review of Ultrasound of Cervical Lymph Nodes. BMUS Bulletin, 2001, 9, 6-10.	0.0	1
102	Doppler Ultrasound of Mediastinal Lymph Nodes. Journal of Thoracic Oncology, 2008, 3, 325-326.	0.5	1
103	A study of the factors affecting radiation-induced temporomandibular joint changes in post-radiotherapy nasopharyngeal carcinoma patients. Journal of Radiation Oncology, 2016, 5, 41-46.	0.7	1
104	Reply to Myers and Leprêtre. Journal of Applied Physiology, 2021, 130, 673-674.	1.2	1
105	Lymph Nodes. , 2012, , 211-228.		1
106	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. Journal of Occupational Health, 2021, 63, e12306.	1.0	1
107	Exercise and sonography of the Achilles tendon: getting both sides of the story. Ultrasound in Medicine and Biology, 2004, 30, 417-418.	0.7	0
108	1335: Power Doppler Ultrasonography and Stenosing Tenosynovitis. Ultrasound in Medicine and Biology, 2009, 35, S191.	0.7	0

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109	1421: Sonographic Appearance of Parotid Glands after Treatment with Intensity-Modulated Radiotherapy or Conventional Radiotherapy for Nasopharyngeal Carcinoma. <i>Ultrasound in Medicine and Biology</i> , 2009, 35, S213.	0.7	0