

# Wen He

## List of Publications by Year in descending order

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71  
papers

891  
citations

567281

15  
h-index

580821

25  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1017  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of extended field-of-view ultrasound imaging in giant primary breast angiosarcoma: a case description. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 868-873.	2.0	1
2	Image-to-Images Translation for Multiple Virtual Histological Staining of Unlabeled Human Carotid Atherosclerotic Tissue. <i>Molecular Imaging and Biology</i> , 2022, 24, 31-41.	2.6	8
3	Ultrasound-guided thermal ablation for hyperparathyroidism: current status and prospects. <i>International Journal of Hyperthermia</i> , 2022, 39, 466-474.	2.5	13
4	Factors affecting transtemporal window quality in transcranial sonography. <i>Brain and Behavior</i> , 2022, 12, e2543.	2.2	7
5	Relationship between carotid artery stiffness and total serum homocysteine in coronary slow flow phenomenon: a high-resolution echo-tracking study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 2767-2776.	2.0	2
6	Evolution of the Flow Patterns After Endovascular Treatment in Patients with High-Grade Carotid Artery Stenosis - the Clinical Value of Insonation of the Supratrochlear Artery and Alternating Flow. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106542.	1.6	0
7	Chinese Expert Consensus on Protection for Ultrasound Healthcare Workers against COVID-19. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 222-229.	1.5	1
8	Letter to the Editor Regarding "Clinical Prediction of Surgical Revascularization Outcome in Moyamoya Disease Via Transcranial Color Sonography". <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105545.	1.6	0
9	Quantitative Evaluation of Gastrocnemius Medialis Stiffness During Passive Stretching Using Shear Wave Elastography in Patients with Parkinson's Disease: A Prospective Preliminary Study. <i>Korean Journal of Radiology</i> , 2021, 22, 1841-1849.	3.4	10
10	Deep learning applied to two-dimensional color Doppler flow imaging ultrasound images significantly improves diagnostic performance in the classification of breast masses: a multicenter study. <i>Chinese Medical Journal</i> , 2021, 134, 415-424.	2.3	10
11	Multimodal ultrasound parameters aided carotid plaque risk stratification in patients with asymptomatic carotid stenosis. <i>Acta Radiologica</i> , 2021, , 028418512198918.	1.1	5
12	Association Between Ultrasound Parameters and History of Ischemic or Hemorrhagic Stroke in Patients With Moyamoya Disease. <i>Frontiers in Neurology</i> , 2021, 12, 570843.	2.4	2
13	Advance ultrasound techniques for the assessment of plaque vulnerability in symptomatic and asymptomatic carotid stenosis: a multimodal ultrasound study. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 11, 28-38.	1.7	9
14	An ultrasound-derived stroke risk score to identify patients at high risk of stroke. <i>Annals of Translational Medicine</i> , 2021, 9, 863-863.	1.7	1
15	Photoacoustic Mouse Brain Imaging Using an Optical Fabry-Pérot Interferometric Ultrasound Sensor. <i>Frontiers in Neuroscience</i> , 2021, 15, 672788.	2.8	6
16	A Skull-Removed Chronic Cranial Window for Ultrasound and Photoacoustic Imaging of the Rodent Brain. <i>Frontiers in Neuroscience</i> , 2021, 15, 673740.	2.8	9
17	Clinical Significance of Ultrasound-Based Hemodynamic Assessment of Extracranial Internal Carotid Artery and Posterior Cerebral Artery in Symptomatic and Angiographic Evolution of Moyamoya Disease: A Preliminary Study. <i>Frontiers in Neurology</i> , 2021, 12, 614749.	2.4	4
18	Application of intraoperative B-mode ultrasound and shear wave elastography for glioma grading. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 2733-2743.	2.0	12

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19	Transcranial sonography in differential diagnosis of Parkinson disease and other movement disorders. <i>Chinese Medical Journal</i> , 2021, 134, 1726-1731.	2.3	4
20	Deep learning-based carotid plaque vulnerability classification with multicentre contrast-enhanced ultrasound video: a comparative diagnostic study. <i>BMJ Open</i> , 2021, 11, e047528.	1.9	13
21	Clinical Study of Ultrasonographic Risk Factors for Central Lymph Node Metastasis of Papillary Thyroid Carcinoma. <i>Frontiers in Endocrinology</i> , 2021, 12, 791970.	3.5	17
22	Transcranial Sonography in the Diagnosis of Pituitary Tumor—A Direct Comparison With MRI. <i>Frontiers in Endocrinology</i> , 2021, 12, 778839.	3.5	1
23	Relationship Between Morphologic Characteristics of Ultrasonic Calcification in Thyroid Nodules and Thyroid Carcinoma. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 20-25.	1.5	19
24	Can knee flexion contracture affect cervical alignment and neck tension? A prospective self-controlled pilot study. <i>Spine Journal</i> , 2020, 20, 251-260.	1.3	14
25	Estimation of malignancy of pulmonary nodules at CT scans: Effect of computer-aided diagnosis on diagnostic performance of radiologists. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2020, 17, 216-221.	1.1	4
26	Ultrasound imaging of carotid web with atherosclerosis plaque: a case report. <i>Journal of Medical Case Reports</i> , 2020, 14, 145.	0.8	6
27	Ultrasound-guided percutaneous needle biopsy skill for peripheral lung lesions and complications prevention. <i>Journal of Thoracic Disease</i> , 2020, 12, 3697-3705.	1.4	15
28	Pulmonary acute graft-versus-host disease and infections after allogeneic hematopoietic stem cell transplantation in pediatric recipients: A comparative study on CT. <i>Transplant Infectious Disease</i> , 2020, 22, e13285.	1.7	3
29	Assessment of Hemodynamic Alterations in Cerebral Veins in Patients With Intracerebral Hemorrhage Using Duplex Color-Coded Sonography. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 211-221.	1.7	0
30	Transcranial Color-Coded Sonography for the Detection of Cerebral Veins and Sinuses and Diagnosis of Cerebral Venous Sinus Thrombosis. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2649-2657.	1.5	8
31	Effect of iterative reconstruction techniques on image quality in low radiation dose chest CT: a phantom study. <i>Diagnostic and Interventional Radiology</i> , 2019, 25, 442-450.	1.5	11
32	Dexamethasone impairs neurofunctional recovery in rats following traumatic brain injury by reducing circulating endothelial progenitor cells and angiogenesis. <i>Brain Research</i> , 2019, 1725, 146469.	2.2	11
33	Changing Ischemic Lesion Patterns and Hemodynamics of the Posterior Cerebral Artery in Moyamoya Disease. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 2621-2630.	1.7	5
34	Using Real-Time Fusion Imaging Constructed from Contrast-Enhanced Ultrasonography and Magnetic Resonance Imaging for High-Grade Glioma in Neurosurgery. <i>World Neurosurgery</i> , 2019, 125, e98-e109.	1.3	17
35	Clinical application of ultrasound-guided percutaneous microwave ablation for benign breast lesions: a prospective study. <i>BMC Cancer</i> , 2019, 19, 345.	2.6	10
36	Liver assessment using Gd-EOB-DTPA-enhanced magnetic resonance imaging in primary biliary cholangitis patients. <i>Japanese Journal of Radiology</i> , 2019, 37, 412-419.	2.4	5

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37	A Study on Distribution Features of Neovascularization in Atherosclerotic Carotid Artery Plaques: Comparing Contrast-enhanced Ultrasound with Histopathology. <i>Ultrasonic Imaging</i> , 2019, 41, 115-125.	2.6	4
38	Patient satisfaction of radiofrequency ablation for symptomatic benign solid thyroid nodules: our experience for 2-year follow up. <i>BMC Cancer</i> , 2019, 19, 147.	2.6	36
39	Baseline Red Blood Cell Distribution Width as a Predictor of Stroke Occurrence and Outcome: A Comprehensive Meta-Analysis of 31 Studies. <i>Frontiers in Neurology</i> , 2019, 10, 1237.	2.4	48
40	Ultrasound Strain Imaging to Assess the Biceps Brachii Muscle in Chronic Poststroke Spasticity. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 2043-2052.	1.7	11
41	Quantitative Ultrasound Imaging to Assess the Biceps Brachii Muscle in Chronic Post-Stroke Spasticity: Preliminary Observation. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1931-1940.	1.5	49
42	Ideal Cardiovascular Health and Incidence of Carotid Plaque among Middle-Aged and Elderly Adults. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 391-396.	1.6	8
43	The real-time ultrasonography for fusion image in glioma neurosurgery. <i>Clinical Neurology and Neurosurgery</i> , 2018, 175, 84-90.	1.4	9
44	Correlation between Contrast-Enhanced Ultrasound and Microvessel Density via CD31 and CD34 in a rabbit VX2 lung peripheral tumor model. <i>Medical Ultrasonography</i> , 2018, 1, 37.	0.8	13
45	The Study of Partial Microenvironment Pre- and Post-microwave Ablation in Rabbit Peripheral Pulmonary VX2 Tumors. <i>Current Medical Imaging</i> , 2018, 14, 938-946.	0.8	0
46	Ultrasound Strain Imaging in Assessment of Biceps Muscle Stiffness and Dynamic Motion in Healthy Adults. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 1729-1736.	1.5	15
47	Ultrasound shear wave elastography in the assessment of passive biceps brachii muscle stiffness: influences of sex and elbow position. <i>Clinical Imaging</i> , 2017, 45, 26-29.	1.5	52
48	Jugular Venous Reflux Is Associated with Perihematoma Edema after Intracerebral Hemorrhage. <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	5
49	Comparison of sonographic characteristics of primary thyroid lymphoma and anaplastic thyroid carcinoma. <i>Journal of Thoracic Disease</i> , 2017, 9, 4774-4784.	1.4	22
50	Ultrasound-guided percutaneous microwave ablation for benign breast lesions: evaluated by contrast-enhanced ultrasound combined with magnetic resonance imaging. <i>Journal of Thoracic Disease</i> , 2017, 9, 4767-4773.	1.4	13
51	Intraoperative Contrast Enhanced Ultrasound Evaluates the Grade of Glioma. <i>BioMed Research International</i> , 2016, 2016, 1-9.	1.9	25
52	Ultrasound Strain Elastography in Assessment of Muscle Stiffness in Acute Levodopa Challenge Test: A Feasibility Study. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 1084-1089.	1.5	10
53	Ultrasound shear wave elastography in assessment of muscle stiffness in patients with Parkinson's disease: a primary observation. <i>Clinical Imaging</i> , 2016, 40, 1075-1080.	1.5	52
54	Color Doppler Ultrasound in Diagnosis and Assessment of Carotid Body Tumors: Comparison with Computed Tomography Angiography. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2106-2113.	1.5	16

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55	Optimal Adaptive Statistical Iterative Reconstruction Percentage in Dual-energy Monochromatic CT Portal Venography. <i>Academic Radiology</i> , 2016, 23, 337-343.	2.5	7
56	Correlation of MRI-detected extramural vascular invasion with regional lymph node metastasis in rectal cancer. <i>Clinical Imaging</i> , 2016, 40, 456-460.	1.5	31
57	Ultrasound strain elastography in assessment of resting biceps brachii muscle stiffness in patients with Parkinson's disease: a primary observation. <i>Clinical Imaging</i> , 2016, 40, 440-444.	1.5	17
58	Dual Energy CT (DECT) Monochromatic Imaging: Added Value of Adaptive Statistical Iterative Reconstructions (ASIR) in Portal Venography. <i>PLoS ONE</i> , 2016, 11, e0156830.	2.5	2
59	Feasibility Study of Radiation Dose Reduction in Adult Female Pelvic CT Scan with Low Tube-Voltage and Adaptive Statistical Iterative Reconstruction. <i>Korean Journal of Radiology</i> , 2015, 16, 1047.	3.4	8
60	Ultrasound strain elastography in assessment of cortical mechanical behavior in acute renal vein occlusion: in vivo animal model. <i>Clinical Imaging</i> , 2015, 39, 613-618.	1.5	8
61	Associations Between Magnetic Resonance Imaging Findings and Scores of Liver Function and Histology in Patients with Primary Biliary Cirrhosis. <i>Applied Magnetic Resonance</i> , 2015, 46, 731-739.	1.2	2
62	Echo-Tracking Technology Assessment of Carotid Artery Stiffness in Patients with Coronary Slow Flow. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 72-76.	1.5	10
63	Value of multi-detector computed tomography angiography in predicting acute cardiac events in patients with type 2 diabetes. <i>Experimental and Therapeutic Medicine</i> , 2014, 7, 917-922.	1.8	1
64	Prognostic Utility of Coronary Computed Tomographic Angiography: A 5-Year Follow-Up in Type 2 Diabetes Patients with Suspected Coronary Artery Disease. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-7.	2.3	2
65	Combining Automatic Tube Current Modulation with Adaptive Statistical Iterative Reconstruction for Low-Dose Chest CT Screening. <i>PLoS ONE</i> , 2014, 9, e92414.	2.5	26
66	Arterial embolization of primary sacral aneurysmal bone cyst. <i>Chinese Medical Journal</i> , 2014, 127, 1785-7.	2.3	1
67	Intraoperative contrast-enhanced ultrasound in traumatic brain surgery. <i>Clinical Imaging</i> , 2013, 37, 983-988.	1.5	16
68	Fly through ultrasound imaging in assessment of carotid atherosclerosis: a pictorial essay. <i>Clinical Imaging</i> , 2013, 37, 811-820.	1.5	2
69	Sonography in the 29th Olympic and Paralympic Games: a retrospective analysis. <i>Clinical Imaging</i> , 2011, 35, 143-147.	1.5	12
70	Intraoperative contrast-enhanced ultrasound for brain tumors. <i>Clinical Imaging</i> , 2008, 32, 419-424.	1.5	59
71	Ultrasonography-guided percutaneous microwave ablation of peripheral lung cancer. <i>Clinical Imaging</i> , 2006, 30, 234-241.	1.5	32