

# Chueh-Hung Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

94  
papers

1,203  
citations

471371

17  
h-index

434063

31  
g-index

95  
all docs

95  
docs citations

95  
times ranked

1280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facilitating drug delivery in the central nervous system by opening the blood-cerebrospinal fluid barrier with a single low energy shockwave pulse. <i>Fluids and Barriers of the CNS</i> , 2022, 19, 3.	2.4	17
2	Novel Motor-Sparing Ultrasound-Guided Neural Injection in Severe Carpal Tunnel Syndrome: A Comparison of Four Injectates. <i>BioMed Research International</i> , 2022, 2022, 1-10.	0.9	3
3	Fading Hyperpigmented Scar after Ultrasound-Guided Hydrodissection for Sural Nerve Entrapment. <i>Pain Medicine</i> , 2022, , .	0.9	0
4	Diaphragm Movement During Unassisted Breathing Trials in Prolonged Mechanical Ventilation Tracheostomized Patient. , 2022, , .		0
5	Ultrasound guidance may have advantages over landmark-based guidance for some nerve conduction studies. <i>Muscle and Nerve</i> , 2021, 63, 472-476.	1.0	4
6	Pathogenic Hydrogel? A Novel-Entrapment Neuropathy Model Induced by Ultrasound-Guided Perineural Injections. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3494.	1.8	1
7	Effect of Perineural Injection with Different Dextrose Volumes on Median Nerve Size, Elasticity and Mobility in Hands with Carpal Tunnel Syndrome. <i>Diagnostics</i> , 2021, 11, 849.	1.3	7
8	Application of Automated Tube Compensation/Airway Resistance Compensation Modes for Liberation from Prolonged Mechanical Ventilation in Tracheostomized Patients. , 2021, , .		0
9	Emerging Role of Ultrasound in Dysphagia Assessment and Intervention: A Narrative Review. <i>Frontiers in Rehabilitation Sciences</i> , 2021, 2, .	0.5	3
10	A single low-energy shockwave pulse opens blood-cerebrospinal fluid barriers and facilitates gastrodin delivery to alleviate epilepsy. <i>Ultrasonics Sonochemistry</i> , 2021, 78, 105730.	3.8	11
11	Recent Advances in the Treatment of Spasticity: Extracorporeal Shock Wave Therapy. <i>Journal of Clinical Medicine</i> , 2021, 10, 4723.	1.0	18
12	Automated Segmentation of Median Nerve in Dynamic Sonography Using Deep Learning: Evaluation of Model Performance. <i>Diagnostics</i> , 2021, 11, 1893.	1.3	14
13	Efficacy of 5% Dextrose Water Injection for Peripheral Entrapment Neuropathy: A Narrative Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12358.	1.8	20
14	The effect of electroacupuncture merged with rehabilitation for frozen shoulder syndrome: A single-blind randomized sham-acupuncture controlled study. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 81-88.	0.8	21
15	The effectiveness of cardiac rehabilitation in non-ischemic dilated cardiomyopathy patients: A pilot study. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 627-634.	0.8	5
16	One injection for one-week controlled release: In vitro and in vivo assessment of ultrasound-triggered drug release from injectable thermoresponsive biocompatible hydrogels. <i>Ultrasonics Sonochemistry</i> , 2020, 62, 104875.	3.8	24
17	An Obvious and Potentially Neglected Cause of Buttock Pain: Gluteus Maximus Dysfunction. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020, 99, e53-e53.	0.7	1
18	A Single High-Intensity Shock Wave Pulse With Microbubbles Opens the Blood-Brain Barrier in Rats. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 402.	2.0	9

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19	Sonoelastographic evaluation of plantar fascia after shock wave therapy for recalcitrant plantar fasciitis: A 12-month longitudinal follow-up study. <i>Scientific Reports</i> , 2020, 10, 2571.	1.6	9
20	Effectiveness of Platelet-Rich Plasma Injection in Rotator Cuff Tendinopathy: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Diagnostics</i> , 2020, 10, 189.	1.3	44
21	Video Demonstration of Ultrasound-Guided Hydrodissection for Superficial Peroneal Nerve Entrapment. <i>Pain Medicine</i> , 2020, 21, 1509-1510.	0.9	4
22	Ultrasound Imaging and Guidance in the Diagnosis and Hydrodissection of Superficial Radial Nerve Entrapment After Fracture Surgery. <i>Pain Medicine</i> , 2020, 21, 2001-2002.	0.9	4
23	Ultrasonography-guided botulinum toxin injection to the cricopharyngeus muscle: a case report and technical notes. <i>Medical Ultrasonography</i> , 2020, 22, 345.	0.4	6
24	Volume Matters in Ultrasound-Guided Perineural Dextrose Injection for Carpal Tunnel Syndrome: A Randomized, Double-Blinded, Three-Arm Trial. <i>Frontiers in Pharmacology</i> , 2020, 11, 625830.	1.6	24
25	A rare ultrasound finding in carpal tunnel syndrome. <i>Journal of Medical Ultrasound</i> , 2020, 28, 56-57.	0.2	0
26	A rare ultrasound finding in carpal tunnel syndrome. <i>Journal of Medical Ultrasound</i> , 2020, 28, 128-129.	0.2	0
27	Real-world outcomes of ultrasonography-guided interventions in a tertiary hospital. <i>Journal of Medical Ultrasound</i> , 2020, 28, 181.	0.2	0
28	Suprastyloid Crest of the Radius in Wrist Ultrasonography: A Bony Prominence Not to Mistake for Lister's Tubercle. <i>Medical Ultrasonography</i> , 2020, 1, 115.	0.4	0
29	A few considerations on "Muscle material properties in passive and active stroke-impaired muscle". <i>Journal of Biomechanics</i> , 2019, 93, 231.	0.9	1
30	Ultrasound-Guided 5-in-1 Injection: Trigger Point Injections and Nerve Hydrodissections for Nonspecific Upper Back Pain. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, e55-e56.	0.7	8
31	Accuracy of Two Ultrasound-Guided Coracohumeral Ligament Injection Approaches: A Cadaveric Study. <i>PM and R</i> , 2019, 11, 989-995.	0.9	3
32	Ultrasound-Guided Steroid Injections for Lateral Antebrachial Cutaneous Nerve Entrapment Within Postsurgical Scar. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, e106-e106.	0.7	12
33	Authors' Response to the Letter to the Editor on "An Obvious and Potentially Neglected Cause of Buttock Pain: Gluteus Maximus Dysfunction". <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, e123-e123.	0.7	1
34	Comparative Effectiveness of Injection Therapies in Rotator Cuff Tendinopathy: A Systematic Review, Pairwise and Network Meta-analysis of Randomized Controlled Trials. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 336-349.e15.	0.5	95
35	How does ballet training alter ankle tendinous morphology and hemodynamics in asymptomatic pre-professional dancers? An ultrasonographic study. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 392-396.	0.6	5
36	Identifying the Dorsal Scapular Artery Optimizes the Safety and Precision of the Ultrasound-Guided 5-in-1 Injection. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, e80-e81.	0.7	3

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37	What could this volar thumb mass be?. Journal of Medical Ultrasound, 2019, 27, 217.	0.2	0
38	What could this volar thumb mass be?. Journal of Medical Ultrasound, 2019, 28, 52-53.	0.2	0
39	Sonographic Evaluation of the Posterior Interosseous Nerve in a Patient With Wrist Drop. American Journal of Physical Medicine and Rehabilitation, 2018, 97, e68-e68.	0.7	1
40	Pre-Treatment with Either L-Carnitine or Piracetam Increases Ultrasound-Mediated Gene Transfection by Reducing Sonoporation-Associated Apoptosis. Ultrasound in Medicine and Biology, 2018, 44, 1257-1265.	0.7	3
41	Ultrasound-responsive NIPAM-based hydrogels with tunable profile of controlled release of large molecules. Ultrasonics, 2018, 83, 157-163.	2.1	36
42	Altered stiffness of microchamber and macrochamber layers in the aged heel pad: Shear wave ultrasound elastography evaluation. Journal of the Formosan Medical Association, 2018, 117, 434-439.	0.8	18
43	Big Gain, No Pain: Tumoral Calcinosis. American Journal of Medicine, 2018, 131, 45-47.	0.6	7
44	A few considerations on "Achilles and patellar tendinopathy display opposite changes in elastic properties" Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1470-1470.	1.3	0
45	Does sex influence biceps brachii muscle stiffness?. Clinical Imaging, 2018, 49, 198.	0.8	2
46	Author reply to "Regarding 'Meta-analysis Comparing Autologous Blood-Derived Products (Including) Tj ETQq0 0 0 rgBT /Overlock 10 Journal of Arthroscopic and Related Surgery, 2018, 34, 2528-2529.	1.3	0
47	Ultrasound-Guided Injection of Botulinum Toxin for Cricopharyngeal Dysphagia. American Journal of Physical Medicine and Rehabilitation, 2018, 97, e102-e103.	0.7	10
48	Meta-analysis Comparing Autologous Blood-Derived Products (Including Platelet-Rich Plasma) Injection Versus Placebo in Patients With Achilles Tendinopathy. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2018, 34, 1966-1975.e5.	1.3	29
49	Ultrasound-guided aspiration of a paralabral cyst at the spinoglenoid notch with suprascapular nerve compressive neuropathy. Journal of Medical Ultrasound, 2018, 26, 166.	0.2	11
50	Ultrasonographic Imaging for Sural Nerve Injury after Achilles Tendon Repair. Medical Ultrasonography, 2018, 20, 254.	0.4	0
51	Ultrasonographic Diagnosis and Management of Dorsal Bursitis of the Hand. American Journal of Physical Medicine and Rehabilitation, 2017, 96, e34-e35.	0.7	0
52	Evaluation of Post-Stroke Spastic Muscle Stiffness Using Shear Wave Ultrasound Elastography. Ultrasound in Medicine and Biology, 2017, 43, 1105-1111.	0.7	63
53	Restoration of Heel Pad Elasticity in Heel Pad Syndrome Evaluated by Shear Wave Elastography. American Journal of Physical Medicine and Rehabilitation, 2017, 96, e96.	0.7	5
54	Hepatobiliary and Pancreatic: Biliary intra-epithelial neoplasia. Journal of Gastroenterology and Hepatology (Australia), 2017, 32, 1424-1424.	1.4	0

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55	Hemodynamic Changes of Posterior Tibial Artery during En Pointe Position in Pre-Professional Dancers. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, S204.	0.7	0
56	Ultrasound-Guided Diagnosis and Management for Quadrilateral Space Syndrome. <i>Pain Medicine</i> , 2017, 18, 184-186.	0.9	11
57	Sonographic Tracking of the Lower Limb Peripheral Nerves. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2016, 95, 698-708.	0.7	58
58	Sonographic Diagnosis and Treatment of Posterior Paralabral Cyst in the Hip Joint. <i>Pain Medicine</i> , 2016, 18, pnw258.	0.9	3
59	Dynamic Ultrasound Imaging for Ulnar Nerve Subluxation and Snapping Triceps Syndrome. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2016, 95, e113-e114.	0.7	19
60	Ultrasound-Guided Steroid Injections for Two Painful Neuromas in the Stump of a Below-Elbow Amputee. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2016, 95, e73-e74.	0.7	9
61	Elasticity of the Coracohumeral Ligament in Patients with Adhesive Capsulitis of the Shoulder. <i>Radiology</i> , 2016, 278, 458-464.	3.6	74
62	Sonographic Tracking of the Upper Limb Peripheral Nerves. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, 740-747.	0.7	50
63	Dynamic Ultrasound Imaging for the Iliotibial Band/Snapping Hip Syndrome. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, e55-e56.	0.7	13
64	Dynamic Ultrasound Imaging for Type A Intrasheath Subluxation of the Peroneal Tendons. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, e53-e54.	0.7	7
65	Dynamic Ultrasound Imaging for Peroneal Tendon Subluxation. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, e57-e58.	0.7	7
66	Author Reply to "Color Scaling in Sonoelastography". <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, e85.	0.7	3
67	Synergistic Effect of PEI and PDMAEMA on Transgene Expression in Vitro. <i>Langmuir</i> , 2015, 31, 6130-6136.	1.6	16
68	Plantar fascia softening in plantar fasciitis with normal B-mode sonography. <i>Skeletal Radiology</i> , 2015, 44, 1603-1607.	1.2	26
69	Initial institutional experience of uncooled single-antenna microwave ablation for large hepatocellular carcinoma. <i>Clinical Radiology</i> , 2015, 70, e35-e40.	0.5	9
70	A few considerations on "Ultrasound elastography in the early diagnosis of plantar fasciitis". <i>Clinical Imaging</i> , 2015, 39, 165.	0.8	5
71	Does Non-Central Nervous System Tuberculosis Increase the Risk of Ischemic Stroke? A Population-Based Propensity Score-Matched Follow-Up Study. <i>PLoS ONE</i> , 2014, 9, e98158.	1.1	8
72	Sonographic Detection of Ulnar Nerve Compression During Elbow Extension. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014, 93, 636-637.	0.7	2

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73	Applications of Supersonic Shear Imaging in the Musculoskeletal System. <i>Journal of Medical Ultrasound</i> , 2014, 22, 47-48.	0.2	0
74	Lateral Knee Pain. <i>Journal of Medical Ultrasound</i> , 2014, 22, 57-58.	0.2	0
75	Sonographic appearance of nontraumatic tear of flexor carpi radialis muscle—a case report. <i>Journal of Clinical Ultrasound</i> , 2013, 41, 65-68.	0.4	2
76	Sonography of the Normal Anterior Cruciate Ligament: A Preliminary Report. <i>Journal of Medical Ultrasound</i> , 2013, 21, 16-20.	0.2	11
77	Measurement of Muscle Stiffness in Children with Spastic Cerebral Palsy. <i>Radiology</i> , 2012, 265, 647-647.	3.6	9
78	Can Sonoelastography Detect Plantar Fasciitis Earlier than Traditional B-Mode Ultrasonography?. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2012, 91, 185.	0.7	18
79	Application of Contrast-Enhanced Sonography With Time-Intensity Curve Analysis to Explore Hypervascularity in Achilles Tendinopathy by Using a Rabbit Model. <i>Journal of Ultrasound in Medicine</i> , 2012, 31, 737-746.	0.8	16
80	Musculoskeletal Sonoelastography: A Focused Review of its Diagnostic Applications for Evaluating Tendons and Fascia. <i>Journal of Medical Ultrasound</i> , 2012, 20, 79-86.	0.2	22
81	Contrast-enhanced Sonography for the Evaluation of Neovascularization in Tendinopathic Tissues. <i>Journal of Medical Ultrasound</i> , 2012, 20, 109-114.	0.2	6
82	Serial Ultrasonography for Early Detection and Follow-up of Heterotopic Ossification in Stroke. <i>Journal of Medical Ultrasound</i> , 2012, 20, 119-124.	0.2	5
83	Sonographic Detection of Knee Neurilemmoma: A Case Report and Literature Review. <i>Journal of Medical Ultrasound</i> , 2012, 20, 125-128.	0.2	2
84	Dynamic ultrasonography to evaluate coracoacromial ligament displacement during motion in shoulders with supraspinatus tendon tears. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1430-1434.	1.2	23
85	Does Adhesive Capsulitis of the Shoulder Increase the Risk of Stroke? A Population-Based Propensity Score-Matched Follow-Up Study. <i>PLoS ONE</i> , 2012, 7, e49343.	1.1	9
86	Application of pulsed-wave Doppler ultrasound to exploration of the peripheral vasomotor response by gender and hand dominance. <i>Journal of Medical Ultrasonics (2001)</i> , 2011, 38, 195-202.	0.6	4
87	Pulsed wave Doppler ultrasonography for the assessment of peripheral vasomotor response in an elderly population. <i>Journal of Clinical Ultrasound</i> , 2011, 39, 383-389.	0.4	4
88	Sonoelastography of the Plantar Fascia. <i>Radiology</i> , 2011, 259, 502-507.	3.6	106
89	Evaluating Displacement of the Coracoacromial Ligament in Painful Shoulders of Overhead Athletes Through Dynamic Ultrasonographic Examination. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 278-282.	0.5	26
90	Reduced Displacement of Coracoacromial Ligaments During Shoulder Motion in the Aged: Evaluation by Ultrasonography. <i>Journal of Medical Ultrasound</i> , 2010, 18, 124-129.	0.2	1

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91	Premature telomere shortening in polymorphonuclear neutrophils from patients with systemic lupus erythematosus is related to the lupus disease activity. <i>Lupus</i> , 2007, 16, 265-272.	0.8	36
92	Anti-CD45 antibody enhances lipoxygenase pathway of human naïve mononuclear cells and cyclooxygenase pathway of neutrophils. <i>Inflammation Research</i> , 2006, 55, 92-98.	1.6	0
93	Perirenal fat necrosis secondary to hemorrhagic pancreatitis, mimicking retroperitoneal liposarcoma: CT manifestation. <i>Abdominal Imaging</i> , 1996, 21, 546-548.	2.0	13
94	SIMULATED DEHYDRATION OF WEDGE-SHAPED SPECIMENS IN TURBULENT FLOW OF SUPERHEATED STEAM AND AIR. <i>Drying Technology</i> , 1989, 7, 761-782.	1.7	6