

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	Sonoelastography of the Plantar Fascia. <i>Radiology</i> , 2011, 259, 502-507.	3.6	106
2	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
3	Elasticity of the Coracohumeral Ligament in Patients with Adhesive Capsulitis of the Shoulder. <i>Radiology</i> , 2016, 278, 458-464.	3.6	74
4	Evaluation of Post-Stroke Spastic Muscle Stiffness Using Shear Wave Ultrasound Elastography. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 1105-1111.	0.7	63
5	Sonographic Tracking of the Lower Limb Peripheral Nerves. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2016, 95, 698-708.	0.7	58
6	Sonographic Tracking of the Upper Limb Peripheral Nerves. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, 740-747.	0.7	50
7	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
8	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
9	Ultrasound-responsive NIPAM-based hydrogels with tunable profile of controlled release of large molecules. <i>Ultrasonics</i> , 2018, 83, 157-163.	2.1	36
10	Meta-analysis Comparing Autologous Blood-Derived Products (Including Platelet-Rich Plasma) Injection Versus Placebo in Patients With Achilles Tendinopathy. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 1966-1975.e5.	1.3	29
11	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
12	Plantar fascia softening in plantar fasciitis with normal B-mode sonography. <i>Skeletal Radiology</i> , 2015, 44, 1603-1607.	1.2	26
13	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
14	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
15	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
16	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
17	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
18	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

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19	Dynamic Ultrasound Imaging for Ulnar Nerve Subluxation and Snapping Triceps Syndrome. American Journal of Physical Medicine and Rehabilitation, 2016, 95, e113-e114.	0.7	19
20	Can Sonoelastography Detect Plantar Fasciitis Earlier than Traditional B-Mode Ultrasonography?. American Journal of Physical Medicine and Rehabilitation, 2012, 91, 185.	0.7	18
21	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
22	Recent Advances in the Treatment of Spasticity: Extracorporeal Shock Wave Therapy. Journal of Clinical Medicine, 2021, 10, 4723.	1.0	18
23	Facilitating drug delivery in the central nervous system by opening the blood-cerebrospinal fluid barrier with a single low energy shockwave pulse. Fluids and Barriers of the CNS, 2022, 19, 3.	2.4	17
24	Application of Contrast-Enhanced Sonography With Time-Intensity Curve Analysis to Explore Hypervascularity in Achilles Tendinopathy by Using a Rabbit Model. Journal of Ultrasound in Medicine, 2012, 31, 737-746.	0.8	16
25	Synergistic Effect of PEI and PDMAEMA on Transgene Expression in Vitro. Langmuir, 2015, 31, 6130-6136.	1.6	16
26	Automated Segmentation of Median Nerve in Dynamic Sonography Using Deep Learning: Evaluation of Model Performance. Diagnostics, 2021, 11, 1893.	1.3	14
27	Perirenal fat necrosis secondary to hemorrhagic pancreatitis, mimicking retroperitoneal liposarcoma: CT manifestation. Abdominal Imaging, 1996, 21, 546-548.	2.0	13
28	Dynamic Ultrasound Imaging for the Iliotibial Band/Snapping Hip Syndrome. American Journal of Physical Medicine and Rehabilitation, 2015, 94, e55-e56.	0.7	13
29	Ultrasound-Guided Steroid Injections for Lateral Antebrachial Cutaneous Nerve Entrapment Within Postsurgical Scar. American Journal of Physical Medicine and Rehabilitation, 2019, 98, e106-e106.	0.7	12
30	Sonography of the Normal Anterior Cruciate Ligament: A Preliminary Report. Journal of Medical Ultrasound, 2013, 21, 16-20.	0.2	11
31	Ultrasound-Guided Diagnosis and Management for Quadriateral Space Syndrome. Pain Medicine, 2017, 18, 184-186.	0.9	11
32	A single low-energy shockwave pulse opens blood-cerebrospinal fluid barriers and facilitates gastrodin delivery to alleviate epilepsy. Ultrasonics Sonochemistry, 2021, 78, 105730.	3.8	11
33	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
34	Ultrasound-Guided Injection of Botulinum Toxin for Cricopharyngeal Dysphagia. American Journal of Physical Medicine and Rehabilitation, 2018, 97, e102-e103.	0.7	10
35	Measurement of Muscle Stiffness in Children with Spastic Cerebral Palsy. Radiology, 2012, 265, 647-647.	3.6	9
36	Initial institutional experience of uncooled single-antenna microwave ablation for large hepatocellular carcinoma. Clinical Radiology, 2015, 70, e35-e40.	0.5	9

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	Dynamic Ultrasound Imaging for Peroneal Tendon Subluxation. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, e57-e58.	0.7	7
45	Big Gain, No Pain: Tumoral Calcinosis. <i>American Journal of Medicine</i> , 2018, 131, 45-47.	0.6	7
46	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
47	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
48	Contrast-enhanced Sonography for the Evaluation of Neovascularization in Tendinopathic Tissues. <i>Journal of Medical Ultrasound</i> , 2012, 20, 109-114.	0.2	6
49	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
50	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
51	A few considerations on “Ultrasound elastography in the early diagnosis of plantar fasciitis” <i>Clinical Imaging</i> , 2015, 39, 165.	0.8	5
52	Restoration of Heel Pad Elasticity in Heel Pad Syndrome Evaluated by Shear Wave Elastography. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, e96.	0.7	5
53	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
54	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

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55	Application of pulsed-wave Doppler ultrasound to exploration of the peripheral vasomotor response by gender and hand dominance. <i>Journal of Medical Ultrasonics</i> (2001), 2011, 38, 195-202.	0.6	4
56	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
57	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
58	Video Demonstration of Ultrasound-Guided Hydrodissection for Superficial Peroneal Nerve Entrapment. <i>Pain Medicine</i> , 2020, 21, 1509-1510.	0.9	4
59	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
60	Author Reply to "Color Scaling in Sonoelastography". <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, e85.	0.7	3
61	Sonographic Diagnosis and Treatment of Posterior Paralabral Cyst in the Hip Joint. <i>Pain Medicine</i> , 2016, 18, pnw258.	0.9	3
62	Pre-Treatment with Either L-Carnitine or Piracetam Increases Ultrasound-Mediated Gene Transfection by Reducing Sonoporation-Associated Apoptosis. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1257-1265.	0.7	3
63	Accuracy of Two Ultrasound-Guided Coracohumeral Ligament Injection Approaches: A Cadaveric Study. <i>PM and R</i> , 2019, 11, 989-995.	0.9	3
64	Emerging Role of Ultrasound in Dysphagia Assessment and Intervention: A Narrative Review. <i>Frontiers in Rehabilitation Sciences</i> , 2021, 2, .	0.5	3
65	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
66	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
67	Sonographic Detection of Knee Neurilemmoma: A Case Report and Literature Review. <i>Journal of Medical Ultrasound</i> , 2012, 20, 125-128.	0.2	2
68	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
69	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
70	Does sex influence biceps brachii muscle stiffness?. <i>Clinical Imaging</i> , 2018, 49, 198.	0.8	2
71	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
72	Sonographic Evaluation of the Posterior Interosseous Nerve in a Patient With Wrist Drop. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018, 97, e68-e68.	0.7	1

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73	A few considerations on "Muscle material properties in passive and active stroke-impaired muscle". Journal of Biomechanics, 2019, 93, 231.	0.9	1
74	Authors' Response to the Letter to the Editor on "An Obvious and Potentially Neglected Cause of Buttock Pain: Gluteus Maximus Dysfunction". American Journal of Physical Medicine and Rehabilitation, 2019, 98, e123-e123.	0.7	1
75	An Obvious and Potentially Neglected Cause of Buttock Pain: Gluteus Maximus Dysfunction. American Journal of Physical Medicine and Rehabilitation, 2020, 99, e53-e53.	0.7	1
76	Pathogenic Hydrogel? A Novel-Entrapment Neuropathy Model Induced by Ultrasound-Guided Perineural Injections. International Journal of Molecular Sciences, 2021, 22, 3494.	1.8	1
77	Anti-CD45 antibody enhances lipoxygenase pathway of human naïve mononuclear cells and cyclooxygenase pathway of neutrophils. Inflammation Research, 2006, 55, 92-98.	1.6	0
78	Applications of Supersonic Shear Imaging in the Musculoskeletal System. Journal of Medical Ultrasound, 2014, 22, 47-48.	0.2	0
79	Lateral Knee Pain. Journal of Medical Ultrasound, 2014, 22, 57-58.	0.2	0
80	Ultrasonographic Diagnosis and Management of Dorsal Bursitis of the Hand. American Journal of Physical Medicine and Rehabilitation, 2017, 96, e34-e35.	0.7	0
81	Hepatobiliary and Pancreatic: Biliary intra-epithelial neoplasia. Journal of Gastroenterology and Hepatology (Australia), 2017, 32, 1424-1424.	1.4	0
82	Hemodynamic Changes of Posterior Tibial Artery during En Pointe Position in Pre-Professional Dancers. Ultrasound in Medicine and Biology, 2017, 43, S204.	0.7	0
83	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
84	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
85	Application of Automated Tube Compensation/Airway Resistance Compensation Modes for Liberation from Prolonged Mechanical Ventilation in Tracheostomized Patients. , 2021, , .		0
86	Ultrasonographic Imaging for Sural Nerve Injury after Achilles Tendon Repair. Medical Ultrasonography, 2018, 20, 254.	0.4	0
87	What could this volar thumb mass be?. Journal of Medical Ultrasound, 2019, 27, 217.	0.2	0
88	What could this volar thumb mass be?. Journal of Medical Ultrasound, 2019, 28, 52-53.	0.2	0
89	A rare ultrasound finding in carpal tunnel syndrome. Journal of Medical Ultrasound, 2020, 28, 56-57.	0.2	0
90	A rare ultrasound finding in carpal tunnel syndrome. Journal of Medical Ultrasound, 2020, 28, 128-129.	0.2	0

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91	Real-world outcomes of ultrasonography-guided interventions in a tertiary hospital. Journal of Medical Ultrasound, 2020, 28, 181.	0.2	0
92	Suprastyloid Crest of the Radius in Wrist Ultrasonography: A Bony Prominence Not to Mistake for Lister's Tubercle. Medical Ultrasonography, 2020, 1, 115.	0.4	0
93	Fading Hyperpigmented Scar after Ultrasound-Guided Hydrodissection for Sural Nerve Entrapment. Pain Medicine, 2022, , .	0.9	0
94	Diaphragm Movement During Unassisted Breathing Trials in Prolonged Mechanical Ventilation Tracheostomized Patient. , 2022, , .		0