

Yu-Cheng Pei

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

1,786
citations

279487

23
h-index

301761

39
g-index

77
all docs

77
docs citations

77
times ranked

2109
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Cricothyroid Muscle Dysfunction Affects Aerodynamic Performance in Patients with Unilateral Vocal Fold Paralysis. <i>Journal of Voice</i> , 2024, 38, 219-224. | 0.6 | 4 |
| 2 | Baseline Global Cognitive Function Affects Cognitive and Functional Outcomes of Combined Physical and Cognitive Training Among Older Adults With Cognitive Decline. <i>American Journal of Occupational Therapy</i> , 2022, 76, . | 0.1 | 1 |
| 3 | Deep Learning-Based Grimace Scoring Is Comparable to Human Scoring in a Mouse Migraine Model. <i>Journal of Personalized Medicine</i> , 2022, 12, 851. | 1.1 | 3 |
| 4 | Somatosensory Cortex: Neural Coding of Motion. , 2022, , 3171-3174. | | 0 |
| 5 | Comparison of the effects between lasers applied to myofascial trigger points and to classical acupoints for patients with cervical myofascial pain syndrome. <i>Biomedical Journal</i> , 2021, 44, 739-747. | 1.4 | 7 |
| 6 | Speech Performance after Anterolateral Thigh Phonatory Tube Reconstruction for Total Laryngectomy. <i>Laryngoscope</i> , 2021, 131, 1349-1357. | 1.1 | 4 |
| 7 | Outcomes of Esophageal Cancer after Esophagectomy in the Era of Early Injection Laryngoplasty. <i>Diagnostics</i> , 2021, 11, 914. | 1.3 | 2 |
| 8 | Alternation of Neuronal Feature Selectivity Induced by Paired Optogenetic-Mechanical Stimulation in the Barrel Cortex. <i>Frontiers in Neural Circuits</i> , 2021, 15, 708459. | 1.4 | 0 |
| 9 | The Comparison and Interpretation of Machine-Learning Models in Post-Stroke Functional Outcome Prediction. <i>Diagnostics</i> , 2021, 11, 1784. | 1.3 | 9 |
| 10 | Application of deep learning neural network in predicting bone mineral density from plain X-ray radiography. <i>Archives of Osteoporosis</i> , 2021, 16, 153. | 1.0 | 10 |
| 11 | Long-Lasting Effect after Single Hyaluronate Injection for Unilateral Vocal Fold Paralysis: Does Concentration Matter?. <i>Biomolecules</i> , 2021, 11, 1580. | 1.8 | 4 |
| 12 | The impact of cricothyroid involvement on adductor recovery in unilateral vocal fold paralysis. <i>Laryngoscope</i> , 2020, 130, 139-145. | 1.1 | 3 |
| 13 | Decoupling Finger Joint Motion in an Exoskeletal Hand: A Design for Robot-Assisted Rehabilitation. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 686-697. | 5.2 | 22 |
| 14 | Clinical and functional characteristics of lung surgery-related vocal fold palsy. <i>Biomedical Journal</i> , 2020, , . | 1.4 | 2 |
| 15 | <p>Functional Recovery Patterns of Hemorrhagic and Ischemic Stroke Patients Under Post-Acute Care Rehabilitation Program</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 1975-1985. | 1.0 | 21 |
| 16 | Development of a Novel Task-oriented Rehabilitation Program using a Bimanual Exoskeleton Robotic Hand. <i>Journal of Visualized Experiments</i> , 2020, , . | 0.2 | 5 |
| 17 | Relative posture between head and finger determines perceived tactile direction of motion. <i>Scientific Reports</i> , 2020, 10, 5494. | 1.6 | 5 |
| 18 | Two trajectories of functional recovery in thyroid surgery related unilateral vocal cord paralysis. <i>Surgery</i> , 2020, 168, 578-585. | 1.0 | 4 |

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|----|--|-----|-----------|
| 19 | Early transcranial direct current stimulation treatment exerts neuroprotective effects on 6-OHDA-induced Parkinsonism in rats. <i>Brain Stimulation</i> , 2020, 13, 655-663. | 0.7 | 18 |
| 20 | Effectiveness of Laser Acupuncture in Alleviating Chronic Insomnia: A Single-Blinded Randomized Controlled Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9. | 0.5 | 9 |
| 21 | Illusory Motion Reversal in Touch. <i>Frontiers in Neuroscience</i> , 2019, 13, 605. | 1.4 | 4 |
| 22 | Injecting autologous platelet rich plasma solely into the knee joint is not adequate in treating geriatric patients with moderate to severe knee osteoarthritis. <i>Experimental Gerontology</i> , 2019, 119, 1-6. | 1.2 | 12 |
| 23 | Features of trunk muscle weakness in patients with ankylosing spondylitis: A cross-sectional study. <i>Biomedical Journal</i> , 2019, 42, 124-130. | 1.4 | 5 |
| 24 | Voice aerodynamics following office-based hyaluronate injection laryngoplasty. <i>Clinical Otolaryngology</i> , 2019, 44, 594-602. | 0.6 | 5 |
| 25 | Usability Assessment of a Cable-Driven Exoskeletal Robot for Hand Rehabilitation. <i>Frontiers in Neurorobotics</i> , 2019, 13, 3. | 1.6 | 23 |
| 26 | Neuromodulatory Effects of Transcranial Direct Current Stimulation on Motor Excitability in Rats. <i>Neural Plasticity</i> , 2019, 2019, 1-9. | 1.0 | 12 |
| 27 | An electroneurography-based assay for identifying injured nerve segment during surgery: design and <i>in vivo</i> application in the rat. <i>Journal of Neural Engineering</i> , 2019, 16, 026027. | 1.8 | 3 |
| 28 | Risk factors for thyroid surgery-related unilateral vocal fold paralysis. <i>Laryngoscope</i> , 2019, 129, 275-283. | 1.1 | 15 |
| 29 | Intraoperative linguistic performance during awake brain surgery predicts postoperative linguistic deficits. <i>Journal of Neuro-Oncology</i> , 2018, 139, 215-223. | 1.4 | 15 |
| 30 | Voice Range Change After Injection Laryngoplasty for Unilateral Vocal Fold Paralysis. <i>Journal of Voice</i> , 2018, 32, 625-632. | 0.6 | 6 |
| 31 | Musical dual-task training in patients with mild-to-moderate dementia: a randomized controlled trial. <i>Neuropsychiatric Disease and Treatment</i> , 2018, Volume 14, 1381-1393. | 1.0 | 33 |
| 32 | A Scoping Study on the Development of an Interactive Upper-Limb Rehabilitation System Framework for Patients with Stroke. <i>Lecture Notes in Computer Science</i> , 2018, , 386-393. | 1.0 | 0 |
| 33 | Acceptance of different design exergames in elders. <i>PLoS ONE</i> , 2018, 13, e0200185. | 1.1 | 16 |
| 34 | Implications of Synkinesis in Unilateral Vocal Fold Paralysis. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 157, 1017-1024. | 1.1 | 9 |
| 35 | Hemodynamic stability during laryngeal electromyography procedures. <i>Acta Oto-Laryngologica</i> , 2017, 137, 1110-1114. | 0.3 | 2 |
| 36 | Disease Characteristics and Electromyographic Findings of Nonsurgery-Related Unilateral Vocal Fold Paralysis. <i>Laryngoscope</i> , 2017, 127, 1381-1387. | 1.1 | 10 |

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|----|---|-----|-----------|
| 37 | An Evaluation of the Design and Usability of a Novel Robotic Bilateral Arm Rehabilitation Device for Patients with Stroke. <i>Frontiers in Neurorobotics</i> , 2017, 11, 36. | 1.6 | 28 |
| 38 | Receptive Field Structures of Color-responsive Neurons in Macaque Monkey V1. <i>Journal of Vision</i> , 2017, 17, 125. | 0.1 | 0 |
| 39 | Distinct Disease and Functional Characteristics of Thyroid Surgery-Related Vocal Fold Palsy. <i>Thyroid</i> , 2016, 26, 943-950. | 2.4 | 10 |
| 40 | Anthropometry-based structural design of a hand exoskeleton for rehabilitation. , 2016, , . | | 15 |
| 41 | Quantitative electromyographic characteristics of idiopathic unilateral vocal fold paralysis. <i>Laryngoscope</i> , 2016, 126, E362-E368. | 1.1 | 14 |
| 42 | Neuromodulation accompanying focused ultrasound-induced blood-brain barrier opening. <i>Scientific Reports</i> , 2015, 5, 15477. | 1.6 | 93 |
| 43 | Quantitative laryngeal electromyography assessment of cricothyroid function in patients with unilateral vocal fold paralysis. <i>Laryngoscope</i> , 2015, 125, 2530-2535. | 1.1 | 14 |
| 44 | Increased risk of posterior circulation infarcts among ischemic stroke patients with cervical spondylosis. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 273. | 1.0 | 4 |
| 45 | Early hyaluronate injection improves quality of life but not neural recovery in unilateral vocal fold paralysis: An open-label randomized controlled study. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 121-130. | 0.4 | 35 |
| 46 | Botulinum Toxin type A injections for patients with painful hallux valgus: a double-blind, randomized controlled study. <i>Clinical Neurology and Neurosurgery</i> , 2015, 129, S58-S62. | 0.6 | 14 |
| 47 | Aging-related changes in swallowing, and in the coordination of swallowing and respiration determined by novel non-invasive measurement techniques. <i>Geriatrics and Gerontology International</i> , 2015, 15, 736-744. | 0.7 | 51 |
| 48 | The neural basis of tactile motion perception. <i>Journal of Neurophysiology</i> , 2014, 112, 3023-3032. | 0.9 | 63 |
| 49 | Glottal gap as an early predictor for permanent laryngoplasty in unilateral vocal fold paralysis. <i>Laryngoscope</i> , 2014, 124, 2125-2130. | 1.1 | 25 |
| 50 | Sedative Music Facilitates Deep Sleep in Young Adults. <i>Journal of Alternative and Complementary Medicine</i> , 2014, 20, 312-317. | 2.1 | 36 |
| 51 | Cricothyroid muscle dysfunction impairs vocal fold vibration in unilateral vocal fold paralysis. <i>Laryngoscope</i> , 2014, 124, 201-206. | 1.1 | 27 |
| 52 | A multi-digit tactile motion stimulator. <i>Journal of Neuroscience Methods</i> , 2014, 226, 80-87. | 1.3 | 13 |
| 53 | Changes of synovial fluid protein concentrations in supra-patellar bursitis patients after the injection of different molecular weights of hyaluronic acid. <i>Experimental Gerontology</i> , 2014, 52, 30-35. | 1.2 | 17 |
| 54 | Motor impairments screened by the Movement Assessment Battery for Children-2 are related to the visual-perceptual deficits in children with Developmental Coordination Disorder. <i>Research in Developmental Disabilities</i> , 2014, 35, 2172-2179. | 1.2 | 20 |

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|----|--|-----|-----------|
| 55 | The effect of lower body stabilization and different writing tools on writing biomechanics in children with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2013, 34, 1152-1159. | 1.2 | 15 |
| 56 | Cross-Modal Sensory Integration of Visual-Tactile Motion Information: Instrument Design and Human Psychophysics. <i>Sensors</i> , 2013, 13, 7212-7223. | 2.1 | 10 |
| 57 | Global Motion Percept Mediated through Integration of Barber Poles Presented in Bilateral Visual Hemifields. <i>PLoS ONE</i> , 2013, 8, e74032. | 1.1 | 0 |
| 58 | Technology Acceptance for an Intelligent Comprehensive Interactive Care (ICIC) System for Care of the Elderly: A Survey-Questionnaire Study. <i>PLoS ONE</i> , 2012, 7, e40591. | 1.1 | 26 |
| 59 | Botulinum Toxin Type A on Oral Health in Treating Sialorrhea in Children With Cerebral Palsy: A Randomized, Double-Blind, Placebo-Controlled Study. <i>Journal of Child Neurology</i> , 2011, 26, 838-843. | 0.7 | 40 |
| 60 | Validity, Responsiveness, and Clinically Important Difference of the ABILHAND Questionnaire in Patients With Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 1086-1091. | 0.5 | 49 |
| 61 | Neural Mechanisms of Tactile Motion Integration in Somatosensory Cortex. <i>Neuron</i> , 2011, 69, 536-547. | 3.8 | 73 |
| 62 | Nocturia is an independent predictor of severe obstructive sleep apnea in patients with ischemic stroke. <i>Journal of Neurology</i> , 2011, 258, 189-194. | 1.8 | 20 |
| 63 | Quantification and recognition of parkinsonian gait from monocular video imaging using kernel-based principal component analysis. <i>BioMedical Engineering OnLine</i> , 2011, 10, 99. | 1.3 | 27 |
| 64 | Does different exercise have the same effect of health promotion for the elderly? Comparison of training-specific effect of Tai Chi and swimming on motor control. <i>Archives of Gerontology and Geriatrics</i> , 2011, 53, e133-e137. | 1.4 | 19 |
| 65 | Shape Invariant Coding of Motion Direction in Somatosensory Cortex. <i>PLoS Biology</i> , 2010, 8, e1000305. | 2.6 | 94 |
| 66 | Convergence of Submodality-Specific Input Onto Neurons in Primary Somatosensory Cortex. <i>Journal of Neurophysiology</i> , 2009, 102, 1843-1853. | 0.9 | 96 |
| 67 | Is Tai Chi Chuan effective in improving lower limb response time to prevent backward falls in the elderly?. <i>Age</i> , 2009, 31, 163-170. | 3.0 | 27 |
| 68 | Effect of Kinesio taping on muscle strength in athletes—A pilot study. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 198-201. | 0.6 | 251 |
| 69 | Eye-hand Coordination of Elderly People Who Practice Tai Chi Chuan. <i>Journal of the Formosan Medical Association</i> , 2008, 107, 103-110. | 0.8 | 34 |
| 70 | The tactile integration of local motion cues is analogous to its visual counterpart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8130-8135. | 3.3 | 55 |
| 71 | Changes in sagittal ground reaction forces after intra-articular hyaluronate injections for knee osteoarthritis11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004, 85, 1625-1630. | 0.5 | 31 |
| 72 | Foot contact pattern analysis in hemiplegic stroke patients: An implication for neurologic status determination11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the authors(s) or upon any organization with which the author(s) is/are associated.. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004, 85, 1625-1630. | 0.5 | 59 |

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|----|--|-----|-----------|
| 73 | Pre-attentive mental processing of music expectation: Event-related potentials of a partially violating and resolving paradigm. <i>Brain and Cognition</i> , 2004, 54, 95-100. | 0.8 | 0 |
| 74 | Title is missing!. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2003, 82, 307-312. | 0.7 | 2 |
| 75 | Sagittal Plane Loading Response During Gait in Different Age Groups and in People with Knee Osteoarthritis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2003, 82, 307-312. | 0.7 | 76 |