

Fu-Shan Jaw

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

755
citations

687363

13
h-index

552781

26
g-index

62
all docs

62
docs citations

62
times ranked

1277
citing authors

#	ARTICLE	IF	CITATIONS
1	A model study of resonance effect on ocular vestibular-evoked myogenic potential. Journal of the Formosan Medical Association, 2022, 121, 66-72.	1.7	0
2	Quantification Analysis of Sleep Based on Smartwatch Sensors for Parkinson's Disease. Biosensors, 2022, 12, 74.	4.7	15
3	Radiological and functional assessment in patients with lumbar spinal stenosis. BMC Musculoskeletal Disorders, 2022, 23, 137.	1.9	2
4	Ultrasound Guidance for Full Endoscopic Spinal Surgery: A Technical Note. World Neurosurgery, 2022, 162, 59-65.	1.3	0
5	Cigarette Smoke Containing Acrolein Contributes to Cisplatin Resistance in Human Bladder Cancers through the Regulation of HER2 Pathway or FGFR3 Pathway. Molecular Cancer Therapeutics, 2022, 21, 1010-1019.	4.1	9
6	Predictive factors of post-laparoscopic inguinal hernia acute and chronic pain: prospective follow-up of 807 patients from a single experienced surgeon. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 148-158.	2.4	8
7	Association between low prostate-specific antigen levels and greater disease progression in high-grade locally-advanced prostate cancer. Journal of the Formosan Medical Association, 2021, 120, 483-491.	1.7	4
8	Resonance Effect of the Frontal Sinus on Ocular Vestibular-Evoked Myogenic Potential Recordings. Ear and Hearing, 2021, Publish Ahead of Print, 1321-1327.	2.1	0
9	Management of cervical fractures in ankylosing spondylitis patients: immediate fixation effort via vertebroplasty with one-staged combined anterior and posterior fixation. British Journal of Neurosurgery, 2020, , 1-6.	0.8	0
10	Machine Learning Analysis of Heart Rate Variability for the Detection of Seizures in Comatose Cardiac Arrest Survivors. IEEE Access, 2020, 8, 160515-160525.	4.2	7
11	Novel design for a dynamic ankle foot orthosis with motion feedback used for training in patients with hemiplegic gait: a pilot study. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 112.	4.6	4
12	Lower postoperative natural killer cell activity is associated with positive surgical margins after radical prostatectomy. Journal of the Formosan Medical Association, 2020, 119, 1673-1683.	1.7	8
13	Comparing the Efficacy of OnabotulinumtoxinA, Sacral Neuromodulation, and Peripheral Tibial Nerve Stimulation as Third Line Treatment for the Management of Overactive Bladder Symptoms in Adults: Systematic Review and Network Meta-Analysis. Toxins, 2020, 12, 128.	3.4	26
14	Different androgen deprivation therapies might have a differential impact on cognition - An analysis from a population-based study using time-dependent exposure model. Cancer Epidemiology, 2020, 64, 101657.	1.9	12
15	A novel mechanical chest compressor with rapid deployment in all population cardiopulmonary resuscitation. Scientific Reports, 2020, 10, 6099.	3.3	3
16	Acrolein contributes to urothelial carcinomas in patients with chronic kidney disease. Urologic Oncology: Seminars and Original Investigations, 2020, 38, 465-475.	1.6	13
17	Associations between Peripheral Thromboembolic Vascular Disease and Androgen Deprivation Therapy in Asian Prostate Cancer Patients. Scientific Reports, 2019, 9, 14231.	3.3	4
18	Distributions of different types of nociceptive neurons in thalamic mediodorsal nuclei of anesthetized rats. Journal of Physiological Sciences, 2019, 69, 387-397.	2.1	3

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19	Intraoperative linguistic performance during awake brain surgery predicts postoperative linguistic deficits. <i>Journal of Neuro-Oncology</i> , 2018, 139, 215-223.	2.9	15
20	Response assessment of stereotactic body radiation therapy using dynamic contrast-enhanced integrated MR-PET in non-small cell lung cancer patients. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 191-199.	3.4	19
21	Evaluating the specifications of built-in accelerometers in smartphones on fall detection performance. <i>Instrumentation Science and Technology</i> , 2018, 46, 194-206.	1.8	14
22	Enhanced characterization of an accelerometer-based fall detection algorithm using a repository. <i>Instrumentation Science and Technology</i> , 2017, 45, 382-391.	1.8	18
23	Degeneration of the vestibular nerve in unilateral Meniere's disease evaluated by galvanic vestibular-evoked myogenic potentials. <i>Clinical Neurophysiology</i> , 2017, 128, 1617-1624.	1.5	17
24	Decreased Power but Preserved Bursting Features of Subthalamic Neuronal Signals in Advanced Parkinson's Patients under Controlled Desflurane Inhalation Anesthesia. <i>Frontiers in Neuroscience</i> , 2017, 11, 701.	2.8	12
25	Comparison of Support-Vector Machine and Sparse Representation Using a Modified Rule-Based Method for Automated Myocardial Ischemia Detection. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-8.	1.3	17
26	Accelerometer-based fall detection using feature extraction and support vector machine algorithms. <i>Instrumentation Science and Technology</i> , 2016, 44, 333-342.	1.8	30
27	Radiosensitization in esophageal squamous cell carcinoma. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 260-268.	2.0	8
28	Testosterone Threshold for Increased Cardiovascular Risk in Middle-Aged and Elderly Men: A Locally Weighted Regression Analysis. <i>Journal of Sexual Medicine</i> , 2016, 13, 1872-1880.	0.6	10
29	Breath-hold spin echosequence for assessing liver iron content. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1256-1263.	1.8	0
30	High mammographic breast density predicts locoregional recurrence after modified radical mastectomy for invasive breast cancer: a case-control study. <i>Breast Cancer Research</i> , 2016, 18, 120.	5.0	20
31	Quantitative electromyographic characteristics of idiopathic unilateral vocal fold paralysis. <i>Laryngoscope</i> , 2016, 126, E362-E368.	2.0	14
32	Erectile dysfunction, loss of libido and low sexual frequency increase the risk of cardiovascular disease in men with low testosterone. <i>Aging Male</i> , 2016, 19, 96-101.	1.9	27
33	Quantitative measurement of Parkinsonian gait from walking in monocular image sequences using a centroid tracking algorithm. <i>Medical and Biological Engineering and Computing</i> , 2016, 54, 485-496.	2.8	7
34	Three-dimensional analysis of the accuracy of optic and electromagnetic navigation systems using surface registration in live endoscopic sinus surgery. <i>Rhinology</i> , 2016, 54, 88-94.	1.3	5
35	Deep-Brain Electrical Microstimulation Is an Effective Tool to Explore Functional Characteristics of Somatosensory Neurons in the Rat Brain. <i>PLoS ONE</i> , 2015, 10, e0117289.	2.5	1
36	Temporal assessment of vascular reactivity and functionality using MRI during postischemic proangiogenic vascular remodeling. <i>Magnetic Resonance Imaging</i> , 2015, 33, 903-910.	1.8	2

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37	Trends in the utilization of computed tomography and cardiac catheterization among children with congenital heart disease. Journal of the Formosan Medical Association, 2015, 114, 1061-1068.	1.7	286
38	Laparoendoscopic single-site (LESS) retroperitoneal partial adrenalectomy using a custom-made single-access platform and standard laparoscopic instruments: Technical considerations and surgical outcomes. Asian Journal of Surgery, 2015, 38, 6-12.	0.4	11
39	Ergonomic principles and techniques in facilitating advanced laparoendoscopic single site (LESS) urinary tract reconstruction with conventional laparoscopic instruments. Journal of the Formosan Medical Association, 2015, 114, 698-703.	1.7	0
40	The use of porcine small intestine submucosa implants might be associated with a high recurrence rate following laparoscopic herniorrhaphy. Journal of the Formosan Medical Association, 2015, 114, 216-220.	1.7	6
41	Central Thalamic Deep-Brain Stimulation Alters Striatal-Thalamic Connectivity in Cognitive Neural Behavior. Frontiers in Neural Circuits, 2015, 9, 87.	2.8	22
42	In Vitro Differential Diagnosis of Clavus and Verruca by a Predictive Model Generated from Electrical Impedance. PLoS ONE, 2014, 9, e93647.	2.5	5
43	Quantitative Computed Tomography of Pulmonary Emphysema and Ventricular Function in Chronic Obstructive Pulmonary Disease Patients with Pulmonary Hypertension. Korean Journal of Radiology, 2014, 15, 871.	3.4	8
44	Transcatheter Arterial Embolization with N-Butyl Cyanoacrylate for Nonvariceal Upper Gastrointestinal Bleeding in Hemodynamically Unstable Patients: Results and Predictors of Clinical Outcomes. Journal of Vascular and Interventional Radiology, 2014, 25, 1850-1857.	0.5	32
45	WHITE MATTER TRACTS IN FRONTO-STRIATO-THALAMIC CIRCUIT IN THE HUMAN BRAIN: A DIFFUSION SPECTRUM IMAGING STUDY. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 215-222.	0.6	0
46	TIME-FREQUENCY ANALYSIS OF MISMATCH NEGATIVITY IN SCHIZOPHRENIA PATIENTS IN TAIWAN. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 287-293.	0.6	0
47	MUSCLE FORCE MEASUREMENT SYSTEM FOR LONG-TERM MONITORING DURING DISTRACTION OSTEOGENESIS. Instrumentation Science and Technology, 2011, 39, 475-485.	1.8	0
48	PORTABLE, REAL-TIME, 12-LEAD ECG MONITORING SYSTEM. Instrumentation Science and Technology, 2010, 38, 305-312.	1.8	3
49	Optimal Transform of Multichannel Evoked Neural Signals Using a Video Compression Algorithm. , 2009, , .		1
50	Multichannel evoked neural signal compression using advanced video compression algorithm. , 2009, , .		8
51	ANTINOCICEPTIVE EFFECT OF MORPHINE IN $\hat{1}\pm$ -CHLORALOSE AND ISOFLURANE ANESTHETIZED RATS USING BOLD fMRI. Biomedical Engineering - Applications, Basis and Communications, 2008, 20, 39-46.	0.6	1
52	MINIATURE MODULES FOR MULTI-LEAD ECG RECORDING. Biomedical Engineering - Applications, Basis and Communications, 2008, 20, 219-222.	0.6	3
53	PORTABLE ELECTRICAL STIMULATOR FOR URINARY INCONTINENCE. Biomedical Engineering - Applications, Basis and Communications, 2008, 20, 61-64.	0.6	0
54	DYNAMIC MAPPING OF AMPHETAMINE RESPONSE IN THE RAT BRAIN USING BOLD AND IRON TECHNIQUES. Biomedical Engineering - Applications, Basis and Communications, 2007, 19, 157-163.	0.6	1

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55	Completely Parylene-Coated Neuroprobe for Chronic Recording. , 2007, , .		2
56	The Development of Wireless Sensor Network for ECG Monitoring. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
57	EVALUATION OF A PC-BASED DATA ACQUISITION SYSTEM FOR LONG-TERM RECORDING OF ACTION POTENTIALS WITH MINIMAL DEDICATED CIRCUITS. Biomedical Engineering - Applications, Basis and Communications, 2005, 17, 263-266.	0.6	0
58	Optimal sampling of electrophysiological signals. Neuroscience Research Communications, 2001, 28, 75-84.	0.2	9
59	Multi-electrode recording system in the brain activities. , 0, , .		0
60	An implantable integrated SIGE FM transmitter for HRV biotelemetry. , 0, , .		3