

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	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
2	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
3	Accelerometer-based fall detection using feature extraction and support vector machine algorithms. Instrumentation Science and Technology, 2016, 44, 333-342.	1.8	30
4	Erectile dysfunction, loss of libido and low sexual frequency increase the risk of cardiovascular disease in men with low testosterone. Aging Male, 2016, 19, 96-101.	1.9	27
5	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
6	Central Thalamic Deep-Brain Stimulation Alters Striatal-Thalamic Connectivity in Cognitive Neural Behavior. Frontiers in Neural Circuits, 2015, 9, 87.	2.8	22
7	High mammographic breast density predicts locoregional recurrence after modified radical mastectomy for invasive breast cancer: a case-control study. Breast Cancer Research, 2016, 18, 120.	5.0	20
8	Response assessment of stereotactic body radiation therapy using dynamic contrast-enhanced integrated MR-PET in non-small cell lung cancer patients. Journal of Magnetic Resonance Imaging, 2018, 47, 191-199.	3.4	19
9	Enhanced characterization of an accelerometer-based fall detection algorithm using a repository. Instrumentation Science and Technology, 2017, 45, 382-391.	1.8	18
10	Comparison of Support-Vector Machine and Sparse Representation Using a Modified Rule-Based Method for Automated Myocardial Ischemia Detection. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-8.	1.3	17
11	Degeneration of the vestibular nerve in unilateral Meniere's disease evaluated by galvanic vestibular-evoked myogenic potentials. Clinical Neurophysiology, 2017, 128, 1617-1624.	1.5	17
12	Intraoperative linguistic performance during awake brain surgery predicts postoperative linguistic deficits. Journal of Neuro-Oncology, 2018, 139, 215-223.	2.9	15
13	Quantification Analysis of Sleep Based on Smartwatch Sensors for Parkinson's Disease. Biosensors, 2022, 12, 74.	4.7	15
14	Quantitative electromyographic characteristics of idiopathic unilateral vocal fold paralysis. Laryngoscope, 2016, 126, E362-E368.	2.0	14
15	Evaluating the specifications of built-in accelerometers in smartphones on fall detection performance. Instrumentation Science and Technology, 2018, 46, 194-206.	1.8	14
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	Decreased Power but Preserved Bursting Features of Subthalamic Neuronal Signals in Advanced Parkinson's Patients under Controlled Desflurane Inhalation Anesthesia. Frontiers in Neuroscience, 2017, 11, 701.	2.8	12
18	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

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19	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
20	Testosterone Threshold for Increased Cardiovascular Risk in Middle-Aged and Elderly Men: A Locally Weighted Regression Analysis. Journal of Sexual Medicine, 2016, 13, 1872-1880.	0.6	10
21	Optimal sampling of electrophysiological signals. Neuroscience Research Communications, 2001, 28, 75-84.	0.2	9
22	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
23	Multichannel evoked neural signal compression using advanced video compression algorithm. , 2009, , .		8
24	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
25	Radiosensitization in esophageal squamous cell carcinoma. Strahlentherapie Und Onkologie, 2016, 192, 260-268.	2.0	8
26	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
27	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
28	Quantitative measurement of Parkinsonian gait from walking in monocular image sequences using a centroid tracking algorithm. Medical and Biological Engineering and Computing, 2016, 54, 485-496.	2.8	7
29	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
30	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
31	In Vitro Differential Diagnosis of Clavus and Verruca by a Predictive Model Generated from Electrical Impedance. PLoS ONE, 2014, 9, e93647.	2.5	5
32	Three-dimensional analysis of the accuracy of optic and electromagnetic navigation systems using surface registration in live endoscopic sinus surgery. Rhinology, 2016, 54, 88-94.	1.3	5
33	Associations between Peripheral Thromboembolic Vascular Disease and Androgen Deprivation Therapy in Asian Prostate Cancer Patients. Scientific Reports, 2019, 9, 14231.	3.3	4
34	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
35	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
36	An implantable integrated SIGE FM transmitter for HRV biotelemetry. , 0, , .		3

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37	MINIATURE MODULES FOR MULTI-LEAD ECG RECORDING. Biomedical Engineering - Applications, Basis and Communications, 2008, 20, 219-222.	0.6	3
38	PORTABLE, REAL-TIME, 12-LEAD ECG MONITORING SYSTEM. Instrumentation Science and Technology, 2010, 38, 305-312.	1.8	3
39	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
40	A novel mechanical chest compressor with rapid deployment in all population cardiopulmonary resuscitation. Scientific Reports, 2020, 10, 6099.	3.3	3
41	Completely Parylene-Coated Neuroprobe for Chronic Recording. , 2007, , .		2
42	Temporal assessment of vascular reactivity and functionality using MRI during postischemic proangiogenic vascular remodeling. Magnetic Resonance Imaging, 2015, 33, 903-910.	1.8	2
43	Radiological and functional assessment in patients with lumbar spinal stenosis. BMC Musculoskeletal Disorders, 2022, 23, 137.	1.9	2
44	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
45	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
46	Optimal Transform of Multichannel Evoked Neural Signals Using a Video Compression Algorithm. , 2009, , .		1
47	Deep-Brain Electrical Microstimulation Is an Effective Tool to Explore Functional Characteristics of Somatosensory Neurons in the Rat Brain. PLoS ONE, 2015, 10, e0117289.	2.5	1
48	Multi-electrode recording system in the brain activities. , 0, , .		0
49	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
50	PORTABLE ELECTRICAL STIMULATOR FOR URINARY INCONTINENCE. Biomedical Engineering - Applications, Basis and Communications, 2008, 20, 61-64.	0.6	0
51	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
52	TIME-FREQUENCY ANALYSIS OF MISMATCH NEGATIVITY IN SCHIZOPHRENIA PATIENTS IN TAIWAN. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 287-293.	0.6	0
53	MUSCLE FORCE MEASUREMENT SYSTEM FOR LONG-TERM MONITORING DURING DISTRACTION OSTEOGENESIS. Instrumentation Science and Technology, 2011, 39, 475-485.	1.8	0
54	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

#	ARTICLE	IF	CITATIONS
55	Breath-hold spin echosequence for assessing liver iron content. Magnetic Resonance Imaging, 2016, 34, 1256-1263.	1.8	0
56	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
57	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
58	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
59	Ultrasound Guidance for Full Endoscopic Spinal Surgery: A Technical Note. World Neurosurgery, 2022, 162, 59-65.	1.3	0
60	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