

# Fu-Shan Jaw

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

755  
citations

686830

13  
h-index

552369

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. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 1061-1068.	0.8	286
2	Transcatheter Arterial Embolization with N-Butyl Cyanoacrylate for Nonvariceal Upper Gastrointestinal Bleeding in Hemodynamically Unstable Patients: Results and Predictors of Clinical Outcomes. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 1850-1857.	0.2	32
3	Accelerometer-based fall detection using feature extraction and support vector machine algorithms. <i>Instrumentation Science and Technology</i> , 2016, 44, 333-342.	0.9	30
4	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.	0.9	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. <i>Toxins</i> , 2020, 12, 128.	1.5	26
6	Central Thalamic Deep-Brain Stimulation Alters Striatal-Thalamic Connectivity in Cognitive Neural Behavior. <i>Frontiers in Neural Circuits</i> , 2015, 9, 87.	1.4	22
7	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.	2.2	20
8	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.	1.9	19
9	Enhanced characterization of an accelerometer-based fall detection algorithm using a repository. <i>Instrumentation Science and Technology</i> , 2017, 45, 382-391.	0.9	18
10	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.	0.7	17
11	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.	0.7	17
12	Intraoperative linguistic performance during awake brain surgery predicts postoperative linguistic deficits. <i>Journal of Neuro-Oncology</i> , 2018, 139, 215-223.	1.4	15
13	Quantification Analysis of Sleep Based on Smartwatch Sensors for Parkinson's Disease. <i>Biosensors</i> , 2022, 12, 74.	2.3	15
14	Quantitative electromyographic characteristics of idiopathic unilateral vocal fold paralysis. <i>Laryngoscope</i> , 2016, 126, E362-E368.	1.1	14
15	Evaluating the specifications of built-in accelerometers in smartphones on fall detection performance. <i>Instrumentation Science and Technology</i> , 2018, 46, 194-206.	0.9	14
16	Acrolein contributes to urothelial carcinomas in patients with chronic kidney disease. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020, 38, 465-475.	0.8	13
17	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.	1.4	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. <i>Cancer Epidemiology</i> , 2020, 64, 101657.	0.8	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. <i>Asian Journal of Surgery</i> , 2015, 38, 6-12.	0.2	11
20	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.	0.3	10
21	Optimal sampling of electrophysiological signals. <i>Neuroscience Research Communications</i> , 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. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 1010-1019.	1.9	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. <i>Korean Journal of Radiology</i> , 2014, 15, 871.	1.5	8
25	Radiosensitization in esophageal squamous cell carcinoma. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 260-268.	1.0	8
26	Lower postoperative natural killer cell activity is associated with positive surgical margins after radical prostatectomy. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 1673-1683.	0.8	8
27	Predictive factors of post-laparoscopic inguinal hernia acute and chronic pain: prospective follow-up of 807 patients from a single experienced surgeon. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 148-158.	1.3	8
28	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.	1.6	7
29	Machine Learning Analysis of Heart Rate Variability for the Detection of Seizures in Comatose Cardiac Arrest Survivors. <i>IEEE Access</i> , 2020, 8, 160515-160525.	2.6	7
30	The use of porcine small intestine submucosa implants might be associated with a high recurrence rate following laparoscopic herniorrhaphy. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 216-220.	0.8	6
31	In Vitro Differential Diagnosis of Clavus and Verruca by a Predictive Model Generated from Electrical Impedance. <i>PLoS ONE</i> , 2014, 9, e93647.	1.1	5
32	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.	0.7	5
33	Associations between Peripheral Thromboembolic Vascular Disease and Androgen Deprivation Therapy in Asian Prostate Cancer Patients. <i>Scientific Reports</i> , 2019, 9, 14231.	1.6	4
34	Novel design for a dynamic ankle foot orthosis with motion feedback used for training in patients with hemiplegic gait: a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 112.	2.4	4
35	Association between low prostate-specific antigen levels and greater disease progression in high-grade locally-advanced prostate cancer. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 483-491.	0.8	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.	0.3	3
38	PORTABLE, REAL-TIME, 12-LEAD ECG MONITORING SYSTEM. Instrumentation Science and Technology, 2010, 38, 305-312.	0.9	3
39	Distributions of different types of nociceptive neurons in thalamic mediodorsal nuclei of anesthetized rats. Journal of Physiological Sciences, 2019, 69, 387-397.	0.9	3
40	A novel mechanical chest compressor with rapid deployment in all population cardiopulmonary resuscitation. Scientific Reports, 2020, 10, 6099.	1.6	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.	1.0	2
43	Radiological and functional assessment in patients with lumbar spinal stenosis. BMC Musculoskeletal Disorders, 2022, 23, 137.	0.8	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.	0.3	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.	0.3	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.	1.1	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.	0.3	0
50	PORTABLE ELECTRICAL STIMULATOR FOR URINARY INCONTINENCE. Biomedical Engineering - Applications, Basis and Communications, 2008, 20, 61-64.	0.3	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.	0.3	0
52	TIME-FREQUENCY ANALYSIS OF MISMATCH NEGATIVITY IN SCHIZOPHRENIA PATIENTS IN TAIWAN. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 287-293.	0.3	0
53	MUSCLE FORCE MEASUREMENT SYSTEM FOR LONG-TERM MONITORING DURING DISTRACTION OSTEOGENESIS. Instrumentation Science and Technology, 2011, 39, 475-485.	0.9	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.	0.8	0

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55	Breath-hold spin echosequence for assessing liver iron content. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1256-1263.	1.0	0
56	Management of cervical fractures in ankylosing spondylitis patients: immediate fixation effort via vertebroplasty with one-staged combined anterior and posterior fixation. <i>British Journal of Neurosurgery</i> , 2020, , 1-6.	0.4	0
57	Resonance Effect of the Frontal Sinus on Ocular Vestibular-Evoked Myogenic Potential Recordings. <i>Ear and Hearing</i> , 2021, Publish Ahead of Print, 1321-1327.	1.0	0
58	A model study of resonance effect on ocular vestibular-evoked myogenic potential. <i>Journal of the Formosan Medical Association</i> , 2022, 121, 66-72.	0.8	0
59	Ultrasound Guidance for Full Endoscopic Spinal Surgery: A Technical Note. <i>World Neurosurgery</i> , 2022, 162, 59-65.	0.7	0
60	The Development of Wireless Sensor Network for ECG Monitoring. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006, , .	0.5	0