

# Sheng-Tzung Tsai

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

703  
citations

567281

15  
h-index

580821

25  
g-index

62  
all docs

62  
docs citations

62  
times ranked

888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Subthalamic deep brain stimulation after anesthetic inhalation in Parkinson disease: a preliminary study. <i>Journal of Neurosurgery</i> , 2008, 109, 238-244.	1.6	77
2	NEUROPSYCHOLOGICAL EFFECTS AFTER CHRONIC SUBTHALAMIC STIMULATION AND THE TOPOGRAPHY OF THE NUCLEUS IN PARKINSON'S DISEASE. <i>Neurosurgery</i> , 2007, 61, E1024-E1030.	1.1	60
3	Pilot study of deep brain stimulation in refractory obsessive-compulsive disorder ethnic Chinese patients. <i>Psychiatry and Clinical Neurosciences</i> , 2012, 66, 303-312.	1.8	48
4	Subthalamic Deep Brain Stimulation in Parkinson's Disease under Different Anesthetic Modalities: A Comparative Cohort Study. <i>Stereotactic and Functional Neurosurgery</i> , 2011, 89, 372-380.	1.5	45
5	A Role for Endoplasmic Reticulum Stress in Intracerebral Hemorrhage. <i>Cells</i> , 2020, 9, 750.	4.1	40
6	Prognostic Factors of Subthalamic Stimulation in Parkinson's Disease: A Comparative Study between Short- and Long-Term Effects. <i>Stereotactic and Functional Neurosurgery</i> , 2009, 87, 241-248.	1.5	39
7	Hypomania with hypersexuality following bilateral anterior limb stimulation in obsessive-compulsive disorder. <i>Journal of Neurosurgery</i> , 2010, 112, 1299-1300.	1.6	35
8	Targeting the Subthalamic Nucleus for Deep Brain Stimulation—A Comparative Study Between Magnetic Resonance Images Alone and Fusion with Computed Tomographic Images. <i>World Neurosurgery</i> , 2011, 75, 132-137.	1.3	29
9	The Epidemiology of Parkinson's Disease. <i>Tzu Chi Medical Journal</i> , 2010, 22, 73-81.	1.1	22
10	Hypomania Following Bilateral Ventral Capsule Stimulation in a Patient with Refractory Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2010, 68, e7-e8.	1.3	22
11	Long-term outcome of young onset Parkinson's disease after subthalamic stimulation—A cross-sectional study. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 2082-2087.	1.4	22
12	Neuroprotection of Granulocyte Colony-Stimulating Factor for Early Stage Parkinson's Disease. <i>Cell Transplantation</i> , 2017, 26, 409-416.	2.5	22
13	Acute stimulation effect of the ventral capsule/ventral striatum in patients with refractory obsessive-compulsive disorder—a double-blinded trial. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 63.	2.2	20
14	Five-Year Clinical Outcomes of Local versus General Anesthesia Deep Brain Stimulation for Parkinson's Disease. <i>Parkinson's Disease</i> , 2019, 2019, 1-8.	1.1	20
15	Dorsolateral subthalamic neuronal activity enhanced by median nerve stimulation characterizes Parkinson's disease during deep brain stimulation with general anesthesia. <i>Journal of Neurosurgery</i> , 2015, 123, 1394-1400.	1.6	17
16	Different effectiveness of subthalamic deep brain stimulation in Parkinson's disease: A comparative cohort study at 1 year and 5 years. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 835-841.	1.7	16
17	Superficial temporal artery—middle cerebral artery bypass for ischemic atherosclerotic middle cerebral artery disease. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 1013-1017.	1.5	14
18	Intracerebral transplantation of autologous adipose-derived stem cells for chronic ischemic stroke: A phase I study. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 3-13.	2.7	14

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19	Rostral intralaminar thalamic deep brain stimulation ameliorates memory deficits and dendritic regression in $\beta^2$ -amyloid-infused rats. <i>Brain Structure and Function</i> , 2020, 225, 751-761.	2.3	11
20	Hypomania-like syndrome induced by deep brain stimulation of bilateral anterior limbs of the internal capsules. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 906-907.	4.8	10
21	Human-Induced Pluripotent Stem Cells and Herbal Small-Molecule Drugs for Treatment of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1327.	4.1	10
22	Tension pneumoventricle and cerebrospinal fluid rhinorrhea. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2017, 110, 39-40.	0.5	9
23	Rostral Intralaminar Thalamic Deep Brain Stimulation Triggered Cortical and Hippocampal Structural Plasticity and Enhanced Spatial Memory. <i>Stereotactic and Functional Neurosurgery</i> , 2016, 94, 108-117.	1.5	8
24	Desflurane and sevoflurane differentially affect activity of the subthalamic nucleus in Parkinson's disease. <i>British Journal of Anaesthesia</i> , 2021, 126, 477-485.	3.4	7
25	Sevoflurane and Parkinson's Disease. <i>Anesthesiology</i> , 2020, 132, 1034-1044.	2.5	7
26	Complete Restoration of Motor Function in Acute Cerebral Stroke Treated with Allogeneic Human Umbilical Cord Blood Monocytes: Preliminary Results of a phase I Clinical Trial. <i>Cell Transplantation</i> , 2021, 30, 096368972110674.	2.5	7
27	Compulsive skin-picking behavior after deep brain stimulation in a patient with refractory obsessive-compulsive disorder. <i>Medicine (United States)</i> , 2017, 96, e8012.	1.0	6
28	Extracranial-intracranial bypass in the treatment of complex or giant internal carotid artery aneurysms. <i>Tzu Chi Medical Journal</i> , 2015, 27, 113-119.	1.1	5
29	Quality of life in patients with Parkinson's disease after subthalamic stimulation: An observational cohort study for outcome prediction. <i>Tzu Chi Medical Journal</i> , 2019, 31, 107.	1.1	5
30	Prediction of flow augmentation and complications of extracranial-intracranial bypass in symptomatic cerebrovascular diseases. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 814-819.	1.5	4
31	Long-term comparison of subthalamic nucleus stimulation between patients with young-onset and late-onset Parkinson's disease. <i>Tzu Chi Medical Journal</i> , 2012, 24, 65-72.	1.1	4
32	Harnessing Neurogenesis and Neuroplasticity with Stem Cell Treatment for Addictive Disorders. <i>Cell Transplantation</i> , 2019, 28, 1127-1131.	2.5	4
33	Diagnosis and treatment for normal pressure hydrocephalus: From biomarkers identification to outcome improvement with combination therapy. <i>Tzu Chi Medical Journal</i> , 2022, 34, 35.	1.1	4
34	Successful separation of the conjoined thecal sac with an epidermal cyst in pygopus twins. <i>Journal of Pediatric Surgery</i> , 2011, 46, e25-e27.	1.6	3
35	Letter to the Editor: Deep brain stimulation and microelectrode recording. <i>Journal of Neurosurgery</i> , 2014, 120, 580.	1.6	3
36	A systematic review of the impact of subthalamic nucleus stimulation on the quality of life of patients with Parkinson's disease. <i>Tzu Chi Medical Journal</i> , 2014, 26, 15-20.	1.1	3

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37	Deep Brain Stimulation for Amelioration of Cognitive Impairment in Neurological Disorders: Neurogenesis and Circuit Reanimation. <i>Cell Transplantation</i> , 2019, 28, 813-818.	2.5	3
38	Dopaminergic Degeneration and Small Vessel Disease in Patients with Normal Pressure Hydrocephalus Who Underwent Shunt Surgery. <i>Journal of Clinical Medicine</i> , 2020, 9, 1084.	2.4	3
39	Lumbar-peritoneal shunt for idiopathic normal pressure hydrocephalus and secondary normal pressure hydrocephalus. <i>Tzu Chi Medical Journal</i> , 2022, 34, 323.	1.1	3
40	Locating Optimal Electrodes Placement via Microelectrode Recording in General Anesthetic Patients During Deep Brain Stimulation. , 2012, , .		2
41	N-of-1 trial following deep brain stimulation in a patient with obsessive-compulsive disorder. <i>Tzu Chi Medical Journal</i> , 2012, 24, 205-208.	1.1	2
42	Uneven benefits of subthalamic nucleus deep brain stimulation in Parkinson's disease—A 7-year cross-sectional study. <i>Tzu Chi Medical Journal</i> , 2013, 25, 239-245.	1.1	2
43	The impact of motor and depressive symptoms on quality of life in patients with Parkinson's disease. <i>Tzu Chi Medical Journal</i> , 2013, 25, 175-178.	1.1	2
44	Computing stimulation voltage in a bipolar electrode configuration to avoid side effects during deep brain stimulation. <i>Sensors and Actuators A: Physical</i> , 2015, 233, 9-14.	4.1	2
45	Superficial temporal artery-middle cerebral artery bypass for the treatment of complex middle cerebral artery aneurysms. <i>Tzu Chi Medical Journal</i> , 2018, 30, 110.	1.1	2
46	A Novel Assessment of Baroreflex Activity Through the Similarity of Ternary Codes of Oscillations Between Arterial Blood Pressure and R-R Intervals. <i>Journal of Medical and Biological Engineering</i> , 2020, 40, 727-734.	1.8	2
47	Controversial Issues in Deep Brain Stimulation in Parkinson's Disease. , 0, , .		1
48	Letter to the Editor: Deep brain stimulation and general anesthesia. <i>Journal of Neurosurgery</i> , 2012, 117, 1207-1208.	1.6	1
49	Deep brain stimulation modifies cognitive function. <i>Tzu Chi Medical Journal</i> , 2013, 25, 86-89.	1.1	1
50	Neurophysiological comparisons of subthalamic deep-brain stimulation for Parkinson's disease between patients receiving general and local anesthesia. <i>Tzu Chi Medical Journal</i> , 2016, 28, 63-67.	1.1	1
51	Transplantation of Adipose-Derived Stem Cells Alleviates Striatal Degeneration in a Transgenic Mouse Model for Multiple System Atrophy. <i>Cell Transplantation</i> , 2020, 29, 096368972096018.	2.5	1
52	Spinal cord stimulation for spinal cord injury patients with paralysis: To regain walking and dignity. <i>Tzu Chi Medical Journal</i> , 2021, 33, 29.	1.1	1
53	Median Nerve Stimulation Facilitates the Identification of Somatotopy of the Subthalamic Nucleus in Parkinson's Disease Patients under Inhalational Anesthesia. <i>Biomedicines</i> , 2022, 10, 74.	3.2	1
54	Spontaneous disappearance of an acute epidural hematoma with emergence of a contralateral subdural hematoma after traumatic brain injury. <i>Tzu Chi Medical Journal</i> , 2012, 24, 139-141.	1.1	0

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55	Letter to the Editor: Neurosurgery in obsessive-compulsive disorder. <i>Journal of Neurosurgery</i> , 2014, 120, 1006-1007.	1.6	0
56	Delayed spasticity in four limbs and ataxia after chronic subdural hematoma surgery. <i>Tzu Chi Medical Journal</i> , 2014, 26, 54-56.	1.1	0
57	Surgical salvage for sudden quadriplegia due to recurrent hepatocellular carcinoma with spinal metastasis. <i>Tzu Chi Medical Journal</i> , 2014, 26, 94-96.	1.1	0
58	A purely midline ventral schwannoma mimicking a meningioma in the thoracic spine resected via costotransversectomy. <i>Tzu Chi Medical Journal</i> , 2014, 26, 141-143.	1.1	0
59	Effects of subthalamic nucleus deep brain stimulation on quality of life and motor and depressive symptoms in Parkinson's disease. <i>Tzu Chi Medical Journal</i> , 2015, 27, 145-154.	1.1	0
60	Passive limb movement test facilitates subthalamic deep brain stimulation under general anesthesia without influencing awareness. <i>Tzu Chi Medical Journal</i> , 2018, 30, 238.	1.1	0
61	Granulocyte Colony-Stimulating Factor for Treatment of Patients with Chronic Traumatic Brain Injury: A Preliminary Pre-Post Study. <i>Brain Sciences</i> , 2021, 11, 1441.	2.3	0