

# Satoru Oshino

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

2,009  
citations

279798

23  
h-index

254184

43  
g-index

83  
all docs

83  
docs citations

83  
times ranked

2295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of intractable deafferentation pain by navigation-guided repetitive transcranial magnetic stimulation of the primary motor cortex. <i>Pain</i> , 2006, 122, 22-27.	4.2	209
2	Functional Recovery in a Primate Model of Parkinson's Disease following Motor Cortex Stimulation. <i>Neuron</i> , 2004, 44, 769-778.	8.1	169
3	Determination of language dominance with synthetic aperture magnetometry: comparison with the Wada test. <i>NeuroImage</i> , 2004, 23, 46-53.	4.2	147
4	Reduction of intractable deafferentation pain due to spinal cord or peripheral lesion by high-frequency repetitive transcranial magnetic stimulation of the primary motor cortex. <i>Journal of Neurosurgery</i> , 2007, 107, 555-559.	1.6	114
5	Diffusion tensor fiber tracking in patients with central post-stroke pain; correlation with efficacy of repetitive transcranial magnetic stimulation. <i>Pain</i> , 2008, 140, 509-518.	4.2	102
6	Electrical stimulation of primary motor cortex within the central sulcus for intractable neuropathic pain. <i>Clinical Neurophysiology</i> , 2008, 119, 993-1001.	1.5	95
7	Language dominance and mapping based on neuromagnetic oscillatory changes: comparison with invasive procedures. <i>Journal of Neurosurgery</i> , 2010, 112, 528-538.	1.6	83
8	Low-frequency subthalamic nucleus stimulation in Parkinson's disease: A randomized clinical trial. <i>Movement Disorders</i> , 2014, 29, 270-274.	3.9	81
9	Detection of Epileptic Seizures Using Phase-Amplitude Coupling in Intracranial Electroencephalography. <i>Scientific Reports</i> , 2016, 6, 25422.	3.3	78
10	Modulation of neuronal activity after spinal cord stimulation for neuropathic pain; H2150 PET study. <i>NeuroImage</i> , 2010, 49, 2564-2569.	4.2	76
11	High-Frequency Repetitive Transcranial Magnetic Stimulation over the Primary Foot Motor Area in Parkinson's Disease. <i>Brain Stimulation</i> , 2013, 6, 884-891.	1.6	66
12	Cortical excitability changes after high-frequency repetitive transcranial magnetic stimulation for central poststroke pain. <i>Pain</i> , 2013, 154, 1352-1357.	4.2	63
13	Outcome of Bilateral Subthalamic Nucleus Stimulation in the Treatment of Parkinson's Disease: Correlation with Intra-Operative Multi-Unit Recordings but Not with the Type of Anaesthesia. <i>European Neurology</i> , 2008, 60, 186-199.	1.4	59
14	Magnetoencephalographic analysis of cortical oscillatory activity in patients with brain tumors: Synthetic aperture magnetometry (SAM) functional imaging of delta band activity. <i>NeuroImage</i> , 2007, 34, 957-964.	4.2	45
15	Differential Efficacy of Electric Motor Cortex Stimulation and Lesioning of the Dorsal Root Entry Zone for Continuous vs Paroxysmal Pain After Brachial Plexus Avulsion. <i>Neurosurgery</i> , 2011, 68, 1252-1258.	1.1	40
16	The optimal stimulation site for high-frequency repetitive transcranial magnetic stimulation in Parkinson's disease: A double-blind crossover pilot study. <i>Journal of Clinical Neuroscience</i> , 2018, 47, 72-78.	1.5	40
17	A randomized controlled trial of 5 daily sessions and continuous trial of 4 weekly sessions of repetitive transcranial magnetic stimulation for neuropathic pain. <i>Pain</i> , 2020, 161, 351-360.	4.2	38
18	Primary malignant lymphoma of the trigeminal region treated with rapid infusion of high-dose MTX and radiation: case report and review of the literature. <i>World Neurosurgery</i> , 2003, 60, 343-348.	1.3	34

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19	Prevalence of cerebral aneurysm in patients with acromegaly. <i>Pituitary</i> , 2013, 16, 195-201.	2.9	34
20	Risk Factors for Postoperative Delirium After Deep Brain Stimulation Surgery for Parkinson Disease. <i>World Neurosurgery</i> , 2018, 114, e518-e523.	1.3	33
21	Default mode network connectivity in patients with idiopathic normal pressure hydrocephalus. <i>Journal of Neurosurgery</i> , 2016, 124, 350-358.	1.6	32
22	Motor cortex stimulation for levodopa-resistant akinesia: Case report. <i>Movement Disorders</i> , 2007, 22, 1645-1649.	3.9	28
23	Spinal Cord Stimulation for Central Poststroke Pain. <i>Operative Neurosurgery</i> , 2010, 67, ons206-ons212.	0.8	24
24	Short-term Preoperative Octreotide Treatment of GH-secreting Pituitary Adenoma: Predictors of Tumor Shrinkage. <i>Endocrine Journal</i> , 2006, 53, 125-132.	1.6	23
25	Non-invasive quantification of human swallowing using a simple motion tracking system. <i>Scientific Reports</i> , 2018, 8, 5095.	3.3	20
26	Real-Time Neurofeedback to Modulate $\beta$ -Band Power in the Subthalamic Nucleus in Parkinson's Disease Patients. <i>ENeuro</i> , 2018, 5, ENEURO.0246-18.2018.	1.9	16
27	Rapid decline in bone turnover markers but not bone mineral density in acromegalic patients after transsphenoidal surgery. <i>Endocrine Journal</i> , 2014, 61, 231-237.	1.6	15
28	A Swallowing Decoder Based on Deep Transfer Learning: AlexNet Classification of the Intracranial Electrocorticogram. <i>International Journal of Neural Systems</i> , 2021, 31, 2050056.	5.2	14
29	Analgesic Effects of Repetitive Transcranial Magnetic Stimulation at Different Stimulus Parameters for Neuropathic Pain: A Randomized Study. <i>Neuromodulation</i> , 2022, 25, 520-527.	0.8	13
30	Phase-amplitude coupling of ripple activities during seizure evolution with theta phase. <i>Clinical Neurophysiology</i> , 2021, 132, 1243-1253.	1.5	12
31	Clinical Characteristics of Acromegalic Patients With Paradoxical GH Response to Oral Glucose Load. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1637-1644.	3.6	11
32	Coupling between infraslow activities and high-frequency oscillations precedes seizure onset. <i>Epilepsia Open</i> , 2020, 5, 501-506.	2.4	11
33	Swallowing-related neural oscillation: an intracranial EEG study. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1224-1238.	3.7	11
34	Ipsilateral Motor-Related Hyperactivity in Patients With Cerebral Occlusive Vascular Disease. <i>Stroke</i> , 2008, 39, 2769-2775.	2.0	9
35	Exploratory study of optimal parameters of repetitive transcranial magnetic stimulation for neuropathic pain in the lower extremities. <i>Pain Reports</i> , 2021, 6, e964.	2.7	9
36	Movement induces suppression of interictal spikes in sensorimotor neocortical epilepsy. <i>Epilepsy Research</i> , 2009, 87, 12-17.	1.6	8

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37	Biological Characteristics of Growth Hormone-Producing Pituitary Adenomas Are Different According to Responsiveness to Thyrotropin-Releasing Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2741-2747.	3.6	8
38	Respiratory Function Under Intrathecal Baclofen Therapy in Patients With Spastic Tetraplegia. <i>Neuromodulation</i> , 2016, 19, 650-654.	0.8	8
39	Motor and sensory cortical processing of neural oscillatory activities revealed by human swallowing using intracranial electrodes. <i>iScience</i> , 2021, 24, 102786.	4.1	8
40	Phase-amplitude coupling between infraslow and high-frequency activities well discriminates between the preictal and interictal states. <i>Scientific Reports</i> , 2021, 11, 17405.	3.3	8
41	Withstand Pressure of a Simple Fibrin Glue Sealant: Experimental Study of Mimicked Sellar Reconstruction in Extended Transsphenoidal Surgery. <i>World Neurosurgery</i> , 2010, 73, 701-704.	1.3	7
42	Electrical stimulation of the parahippocampal gyrus for prediction of posthippocampectomy verbal memory decline. <i>Journal of Neurosurgery</i> , 2016, 125, 1053-1060.	1.6	7
43	Benefit of spinal cord stimulation for patients with central poststroke pain: a retrospective multicenter study. <i>Journal of Neurosurgery</i> , 2022, 136, 601-612.	1.6	7
44	Which is the Most Appropriate Disconnection Surgery for Refractory Epilepsy in Childhood?. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 814-820.	2.2	6
45	Enhancement of Withstanding Pressure of Fibrin Sealant by Modified Mixing Ratio of Fibrin Sealant Components for Skull Base Reconstruction. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 65-68.	2.2	6
46	Pituitary dysfunction after aneurysmal subarachnoid hemorrhage in Japanese patients. <i>Journal of Clinical Neuroscience</i> , 2016, 34, 198-201.	1.5	6
47	Navigation-assisted trans-inferotemporal cortex selective amygdalohippocampectomy for mesial temporal lobe epilepsy; preserving the temporal stem. <i>Neurological Research</i> , 2017, 39, 223-230.	1.3	5
48	Olfactory sphere cells are a cell source for $\gamma$ -aminobutyric acid-producing neurons. <i>Journal of Neuroscience Research</i> , 2015, 93, 1293-1304.	2.9	4
49	Application of atelocollagen sheet for sellar reconstruction. <i>Journal of Clinical Neuroscience</i> , 2016, 27, 142-146.	1.5	4
50	Clinical significance of screening for subclinical Cushing's disease in patients with pituitary tumors. <i>Endocrine Journal</i> , 2016, 63, 47-52.	1.6	4
51	Nur77 gene expression levels were involved in different ACTH-secretion autonomy between Cushing's disease and subclinical Cushing's disease. <i>Endocrine Journal</i> , 2016, 63, 545-554.	1.6	4
52	Decoding Visual Stimulus in Semantic Space from Electrocortigraphy Signals. , 2018, , .		4
53	Somatosensation Evoked by Cortical Surface Stimulation of the Human Primary Somatosensory Cortex. <i>Frontiers in Neuroscience</i> , 2019, 13, 1019.	2.8	4
54	Data-driven electrophysiological feature based on deep learning to detect epileptic seizures. <i>Journal of Neural Engineering</i> , 2021, 18, 056040.	3.5	4

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55	Abnormal phase-amplitude coupling characterizes the interictal state in epilepsy. <i>Journal of Neural Engineering</i> , 2022, 19, 026056.	3.5	4
56	Reply to: Low-frequency subthalamic nucleus stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 1569-1570.	3.9	3
57	Postoperative changes in bone metabolism and bone mineral density in Japanese patients with acromegaly: a 3-year prospective study. <i>Endocrine Journal</i> , 2015, 62, 1031-1036.	1.6	3
58	“Do Not Follow the Tail”: A Practical Approach to Remove a Sheared Lumbar Catheter Fragment Avoiding Its Migration into the Spinal Canal. <i>World Neurosurgery</i> , 2016, 87, 266-268.	1.3	3
59	Characteristics of Nonfunctioning Pituitary Adenomas That Cause Secondary Adrenal Insufficiency. <i>World Neurosurgery</i> , 2021, 153, e275-e281.	1.3	3
60	Magnetoencephalography detects phase-amplitude coupling in Parkinson's disease. <i>Scientific Reports</i> , 2022, 12, 1835.	3.3	3
61	Voluntary control of semantic neural representations by imagery with conflicting visual stimulation. <i>Communications Biology</i> , 2022, 5, 214.	4.4	3
62	Altered extrafocal iomazenil activity in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2013, 103, 195-204.	1.6	2
63	<i>Gsp</i> mutation in acromegaly and its influence on TRH-induced paradoxical GH response. <i>Clinical Endocrinology</i> , 2014, 80, 714-719.	2.4	2
64	Effects of growth hormone excess on glycated albumin concentrations: Analysis in acromegalic patients. <i>Clinica Chimica Acta</i> , 2015, 440, 93-96.	1.1	2
65	Mystery Case: Parietal lobe epilepsy with ictal manifestation of Gerstmann syndrome. <i>Neurology</i> , 2020, 94, e430-e433.	1.1	2
66	Frequency band coupling with high-frequency activities in tonic-clonic seizures shifts from $\hat{\theta}$ to $\hat{\beta}$ band. <i>Clinical Neurophysiology</i> , 2022, 137, 122-131.	1.5	2
67	Altered thalamic connectivity due to focused ultrasound thalamotomy in patients with essential tremor. <i>World Neurosurgery</i> , 2022, , .	1.3	2
68	Adult hemimegalencephaly associated with multiple cerebral aneurysms. <i>Neurology</i> , 2015, 84, 2460-2461.	1.1	1
69	Jarvik 2000 with postauricular cable as destination therapy: first clinical case in Japan. <i>Journal of Artificial Organs</i> , 2020, 23, 89-92.	0.9	1
70	Difference in Analgesic Effects of Repetitive Transcranial Magnetic Stimulation According to the Site of Pain. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 786225.	2.0	1
71	Alteration of motor related field in patients with occlusive vascular diseases. <i>International Congress Series</i> , 2007, 1300, 353-356.	0.2	0
72	Cerebral motor control in patients with brain tumors around the central sulcus studied with synthetic aperture magnetometry. <i>International Congress Series</i> , 2007, 1300, 713-716.	0.2	0

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73	Essences of Nonconvulsive Status Epilepticus. Japanese Journal of Neurosurgery, 2016, 25, 229-235.	0.0	0
74	Functional Hemispherectomy. Japanese Journal of Neurosurgery, 2006, 15, 203-209.	0.0	0
75	Neurosurgical Approach for Spasticity. Japanese Journal of Neurosurgery, 2017, 26, 273-279.	0.0	0
76	The Analysis and Decoding of Swallowing-related Neural Activities Using Intracranial Electrodes. Koutou (the LARYNX JAPAN), 2020, 32, 165-171.	0.1	0