

# Hyun Ho Jung

## List of Publications by Year in descending order

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69  
papers

1,341  
citations

516215

16  
h-index

377514

34  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual Pallidal and Thalamic Deep Brain Stimulation for Complex Ipsilateral Dystonia. <i>Yonsei Medical Journal</i> , 2022, 63, 166.	0.9	1
2	A Fully Implantable Miniaturized Liquid Crystal Polymer (LCP)-Based Spinal Cord Stimulator for Pain Control. <i>Sensors</i> , 2022, 22, 501.	2.1	7
3	Identifying the neural network for neuromodulation in epilepsy through connectomics and graphs. <i>Brain Communications</i> , 2022, 4, .	1.5	10
4	Complications After Deep Brain Stimulation: A 21-Year Experience in 426 Patients. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 819730.	1.7	9
5	Early-onset adverse events after stereotactic radiosurgery for jugular foramen schwannoma: a mid-term follow-up single-center review of 46 cases. <i>Radiation Oncology</i> , 2022, 17, 89.	1.2	3
6	Magnetic Resonance-Guided Focused Ultrasound Surgery for Obsessive-Compulsive Disorders: Potential for use as a Novel Ablative Surgical Technique. <i>Frontiers in Psychiatry</i> , 2021, 12, 640832.	1.3	11
7	Predictive Factors of Radiation-Induced Changes Following Single-Session Gamma Knife Radiosurgery for Arteriovenous Malformations. <i>Journal of Clinical Medicine</i> , 2021, 10, 2186.	1.0	4
8	Technical and operative factors affecting magnetic resonance imaging-guided focused ultrasound thalamotomy for essential tremor: experience from 250 treatments. <i>Journal of Neurosurgery</i> , 2021, 135, 1780-1788.	0.9	11
9	Stimulation-Induced Side Effects of Deep Brain Stimulation in the Ventralis Intermedius and Posterior Subthalamic Area for Essential Tremor. <i>Frontiers in Neurology</i> , 2021, 12, 678592.	1.1	12
10	Potential optimization of focused ultrasound capsulotomy for obsessive compulsive disorder. <i>Brain</i> , 2021, 144, 3529-3540.	3.7	23
11	Stereotactic biopsy for adult brainstem lesions: A surgical approach and its diagnostic value according to the 2016 World Health Organization Classification. <i>Cancer Medicine</i> , 2021, 10, 7514-7524.	1.3	10
12	Microglial deactivation by adeno-associated virus expressing small hairpin GCH1 has protective effects against neuropathic pain development in a spinothalamic tract lesion model. <i>CNS Neuroscience and Therapeutics</i> , 2021, 28, 36.	1.9	2
13	Gamma Knife Radiosurgery for Choroidal Hemangioma: A Single-Institute Series. <i>World Neurosurgery</i> , 2020, 133, e129-e134.	0.7	6
14	One-Year Outcome of Multiple Blood-Brain Barrier Disruptions With Temozolomide for the Treatment of Glioblastoma. <i>Frontiers in Oncology</i> , 2020, 10, 1663.	1.3	45
15	Gamma Knife Radiosurgery Followed by Flow-Reductive Embolization for Ruptured Arteriovenous Malformation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1318.	1.0	9
16	Bilateral thermal capsulotomy with magnetic resonance-guided focused ultrasound for patients with treatment-resistant depression: A proof-of-concept study. <i>Bipolar Disorders</i> , 2020, 22, 771-774.	1.1	13
17	Safety and Efficacy of Magnetic Resonance-Guided Focused Ultrasound Surgery With Autofocusing Echo Imaging. <i>Frontiers in Neuroscience</i> , 2020, 14, 592763.	1.4	6
18	Temporal Volume Change of Cavernous Sinus Cavernous Hemangiomas after Gamma Knife Surgery. <i>Yonsei Medical Journal</i> , 2020, 61, 976.	0.9	4

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19	A novel rat robot controlled by electrical stimulation of the nigrostriatal pathway. <i>Neurosurgical Focus</i> , 2020, 49, E11.	1.0	4
20	The long-term effects of microvascular decompression on social phobia and health-related quality of life in patients with hemifacial spasm: a 3-year prospective study. <i>Acta Neurochirurgica</i> , 2019, 161, 2035-2042.	0.9	7
21	Remote-Controlled Fully Implantable Neural Stimulator for Freely Moving Small Animal. <i>Electronics (Switzerland)</i> , 2019, 8, 706.	1.8	21
22	Gamma Knife Radiosurgery for Postoperative Remnant Meningioma: Analysis of Recurrence Factors According to World Health Organization Grade. <i>World Neurosurgery</i> , 2019, 132, e399-e402.	0.7	6
23	Optimization of Medial Forebrain Bundle Stimulation Parameters for Operant Conditioning of Rats. <i>Stereotactic and Functional Neurosurgery</i> , 2019, 97, 1-9.	0.8	10
24	Intrathecal Baclofen Pump Versus Globus Pallidus Interna Deep Brain Stimulation in Adult Patients with Severe Cerebral Palsy. <i>World Neurosurgery</i> , 2019, 126, e550-e556.	0.7	7
25	Magnetoencephalography as a Prognostic Tool in Patients with Medically Intractable Temporal Lobe Epilepsy. <i>World Neurosurgery</i> , 2019, 123, e753-e759.	0.7	2
26	Effects on cognition and quality of life with unilateral magnetic resonanceâ€“guided focused ultrasound thalamotomy for essential tremor. <i>Neurosurgical Focus</i> , 2018, 44, E8.	1.0	24
27	Magnetic Resonance-Guided High Intensity Focused Ultrasound for Treating Movement Disorders. <i>Progress in Neurological Surgery</i> , 2018, 33, 120-134.	1.3	5
28	Factors Related to the Clinical Outcomes of Surgery for Extraâ€“Temporal Lobe Epilepsy: Long-Term Follow-Up Results. <i>World Neurosurgery</i> , 2018, 115, e645-e649.	0.7	5
29	Brain abscess after stent-assisted coiling for ruptured middle cerebral artery aneurysm. <i>Interventional Neuroradiology</i> , 2018, 24, 387-391.	0.7	4
30	Treatment of Major Depressive Disorder via Magnetic Resonanceâ€“Guided Focused Ultrasound Surgery. <i>Biological Psychiatry</i> , 2018, 83, e17-e18.	0.7	44
31	A study of novel bilateral thermal capsulotomy with focused ultrasound for treatment-refractory obsessiveâ€“compulsive disorder: 2-year follow-up. <i>Journal of Psychiatry and Neuroscience</i> , 2018, 43, 327-337.	1.4	77
32	The Potential Usefulness of Magnetic Resonance Guided Focused Ultrasound for Obsessive Compulsive Disorders. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 427-433.	0.5	13
33	Predictive factors of early distant brain failure after gamma knife radiosurgery alone in patients with brain metastases of non-small-cell lung cancer. <i>Journal of Neuro-Oncology</i> , 2017, 132, 333-340.	1.4	3
34	Gamma Knife Radiosurgery for Idiopathic Trigeminal Neuralgia: Does the Status of Offending Vessels Influence Pain Control or Side Effects?. <i>World Neurosurgery</i> , 2017, 104, 687-693.	0.7	6
35	Comparative Evaluation of Magnetic Resonance-Guided Focused Ultrasound Surgery for Essential Tremor. <i>Stereotactic and Functional Neurosurgery</i> , 2017, 95, 279-286.	0.8	57
36	Hearing Outcome Following Microvascular Decompression for Hemifacial Spasm: Series of 1434 Cases. <i>World Neurosurgery</i> , 2017, 108, 566-571.	0.7	17

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37	Predictive Factors of Unfavorable Events After Gamma Knife Radiosurgery for Vestibular Schwannoma. <i>World Neurosurgery</i> , 2017, 107, 175-184.	0.7	32
38	Favorable Long-Term Functional Outcomes and Safety of Auditory Brainstem Implants in Nontumor Patients. <i>Operative Neurosurgery</i> , 2017, 13, 653-660.	0.4	5
39	Rostral Agranular Insular Cortex Lesion with Motor Cortex Stimulation Enhances Pain Modulation Effect on Neuropathic Pain Model. <i>Neural Plasticity</i> , 2016, 2016, 1-8.	1.0	17
40	Benefits of microvascular decompression on social anxiety disorder and health-related quality of life in patients with hemifacial spasm. <i>Acta Neurochirurgica</i> , 2016, 158, 1397-1404.	0.9	13
41	Neuromodulation methods for animal locomotion control. <i>Biomedical Engineering Letters</i> , 2016, 6, 134-147.	2.1	6
42	Development of wireless neural interface system. <i>Biomedical Engineering Letters</i> , 2016, 6, 164-171.	2.1	4
43	The Role of Radiosurgery in the Management of Benign Head and Neck Tumors. <i>World Neurosurgery</i> , 2016, 87, 116-123.	0.7	6
44	Factors associated with successful magnetic resonance-guided focused ultrasound treatment: efficiency of acoustic energy delivery through the skull. <i>Journal of Neurosurgery</i> , 2016, 124, 411-416.	0.9	149
45	Motor cortex stimulation and neuropathic pain: how does motor cortex stimulation affect pain-signaling pathways?. <i>Journal of Neurosurgery</i> , 2016, 124, 866-876.	0.9	39
46	Long-Term Results of Gamma Knife Radiosurgery for Intracranial Meningioma. <i>Brain Tumor Research and Treatment</i> , 2015, 3, 103.	0.4	19
47	Effect of Subthalamic Deep Brain Stimulation on Levodopa-Induced Dyskinesia in Parkinson's Disease. <i>Yonsei Medical Journal</i> , 2015, 56, 1316.	0.9	14
48	Focused Ultrasound for the Treatment of Obsessive-Compulsive Disorder. , 2015, , 125-141.		1
49	Different magnetic resonance imaging patterns after transcranial magnetic resonance-guided focused ultrasound of the ventral intermediate nucleus of the thalamus and anterior limb of the internal capsule in patients with essential tremor or obsessive-compulsive disorder. <i>Journal of Neurosurgery</i> . 2015. 122. 162-168.	0.9	61
50	Unilateral magnetic resonance guided focused ultrasound thalamotomy for essential tremor: practices and clinicoradiological outcomes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 257-264.	0.9	176
51	Longitudinal FDG microPET imaging of neuropathic pain: does cerebellar activity correlate with neuropathic pain development in a rat model?. <i>Acta Neurochirurgica</i> , 2015, 157, 1051-1057.	0.9	10
52	Unilateral magnetic resonance-guided focused ultrasound pallidotomy for Parkinson disease. <i>Neurology</i> , 2015, 85, 549-551.	1.5	76
53	The Neuromodulation of Neuropathic Pain by Measuring Pain Response Rate and Pain Response Duration in Animal. <i>Journal of Korean Neurosurgical Society</i> , 2015, 57, 6.	0.5	5
54	Bilateral Globus Pallidus Interna Deep-Brain Stimulation in a Patient With Myoclonus-Dystonia: A Case Report. <i>Neuromodulation</i> , 2014, 17, 724-728.	0.4	15

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55	Delayed Dural Arteriovenous Fistula after Microvascular Decompression for Hemifacial Spasm. Journal of Korean Neurosurgical Society, 2014, 56, 168.	0.5	10
56	Which Emphasizing Factors Are Most Predictive of Hematoma Expansion in Spot Sign Positive Intracerebral Hemorrhage?. Journal of Korean Neurosurgical Society, 2014, 56, 86.	0.5	12
57	'Is tinnitus accompanied by hemifacial spasm in normal-hearing patients also a type of hyperactive neurovascular compression syndrome? : A magnetoencephalography study. BMC Neurology, 2013, 13, 42.	0.8	2
58	Decreased inhibitory neuronal activity in patients with frontal lobe brain tumors with seizure presentation: Preliminary study using magnetoencephalography. Acta Neurochirurgica, 2013, 155, 1449-1457.	0.9	7
59	Ventral posterolateral deep brain stimulation treatment for neuropathic pain shortens pain response after cold stimuli. Journal of Neuroscience Research, 2013, 91, 997-1004.	1.3	6
60	Temporal Hollowing Augmentation with Titanium Mesh after Autologous Cranioplasty in Temporal Muscle Resected Case: A Case Report. Korean Journal of Neurotrauma, 2013, 9, 154.	0.2	8
61	Treatment Options of Metastatic Brain Tumors from Hepatocellular Carcinoma: Surgical Resection vs. Gamma Knife Radiosurgery vs. Whole Brain Radiation Therapy. Brain Tumor Research and Treatment, 2013, 1, 78.	0.4	10
62	Gamma Knife surgery for low-flow cavernous sinus dural arteriovenous fistulas. Journal of Neurosurgery, 2010, 113, 21-27.	0.9	13
63	The Effect of Early Mobilization for the Patients of Chronic Subdural Hematoma after Closed Drainage Surgery. Journal of Korean Neurotraumatology Society, 2010, 6, 48.	0.0	0
64	The Significance of Pupillary Light Reflex of Patient in Barbiturate Coma Therapy. Journal of Korean Neurotraumatology Society, 2008, 4, 57.	0.0	0
65	Endovascular Treatment for Type A Carotid Cavernous Fistulas with Detachable Coils. Journal of Korean Neurotraumatology Society, 2008, 4, 77.	0.0	0
66	Neurocutaneous Melanosis Presenting as Chronic Partial Epilepsy. Journal of Clinical Neurology		