

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	Unilateral magnetic resonance guided focused ultrasound thalamotomy for essential tremor: practices and clinicroadiological outcomes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 257-264.	0.9	176
2	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
3	Bilateral Anterior Cingulotomy for Refractory Obsessive-Compulsive Disorder: Long-Term Follow-Up Results. <i>Stereotactic and Functional Neurosurgery</i> , 2006, 84, 184-189.	0.8	110
4	A study of novel bilateral thermal capsulotomy with focused ultrasound for treatment-refractory obsessive-compulsive disorder: 2-year follow-up. <i>Journal of Psychiatry and Neuroscience</i> , 2018, 43, 327-337.	1.4	77
5	Unilateral magnetic resonance-guided focused ultrasound pallidotomy for Parkinson disease. <i>Neurology</i> , 2015, 85, 549-551.	1.5	76
6	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
7	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
8	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
9	Treatment of Major Depressive Disorder via Magnetic Resonance-Guided Focused Ultrasound Surgery. <i>Biological Psychiatry</i> , 2018, 83, e17-e18.	0.7	44
10	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
11	Predictive Factors of Unfavorable Events After Gamma Knife Radiosurgery for Vestibular Schwannoma. <i>World Neurosurgery</i> , 2017, 107, 175-184.	0.7	32
12	Effects on cognition and quality of life with unilateral magnetic resonance-guided focused ultrasound thalamotomy for essential tremor. <i>Neurosurgical Focus</i> , 2018, 44, E8.	1.0	24
13	Potential optimization of focused ultrasound capsulotomy for obsessive compulsive disorder. <i>Brain</i> , 2021, 144, 3529-3540.	3.7	23
14	Remote-Controlled Fully Implantable Neural Stimulator for Freely Moving Small Animal. <i>Electronics (Switzerland)</i> , 2019, 8, 706.	1.8	21
15	Long-Term Results of Gamma Knife Radiosurgery for Intracranial Meningioma. <i>Brain Tumor Research and Treatment</i> , 2015, 3, 103.	0.4	19
16	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
17	Hearing Outcome Following Microvascular Decompression for Hemifacial Spasm: Series of 1434 Cases. <i>World Neurosurgery</i> , 2017, 108, 566-571.	0.7	17
18	Neurocutaneous Melanosis Presenting as Chronic Partial Epilepsy. <i>Journal of Clinical Neurology</i>		

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19	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
20	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
21	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
22	Bilateral thermal capsulotomy with magnetic resonanceâ€“guided focused ultrasound for patients with treatmentâ€“resistant depression: A proofâ€“ofâ€“concept study. <i>Bipolar Disorders</i> , 2020, 22, 771-774.	1.1	13
23	Gamma Knife surgery for low-flow cavernous sinus dural arteriovenous fistulas. <i>Journal of Neurosurgery</i> , 2010, 113, 21-27.	0.9	13
24	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
25	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
26	Which Emphasizing Factors Are Most Predictive of Hematoma Expansion in Spot Sign Positive Intracerebral Hemorrhage?. <i>Journal of Korean Neurosurgical Society</i> , 2014, 56, 86.	0.5	12
27	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
28	Technical and operative factors affecting magnetic resonance imagingâ€“guided focused ultrasound thalamotomy for essential tremor: experience from 250 treatments. <i>Journal of Neurosurgery</i> , 2021, 135, 1780-1788.	0.9	11
29	Treatment Options of Metastatic Brain Tumors from Hepatocellular Carcinoma: Surgical Resection vs. Gamma Knife Radiosurgery vs. Whole Brain Radiation Therapy. <i>Brain Tumor Research and Treatment</i> , 2013, 1, 78.	0.4	10
30	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
31	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
32	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
33	Delayed Dural Arteriovenous Fistula after Microvascular Decompression for Hemifacial Spasm. <i>Journal of Korean Neurosurgical Society</i> , 2014, 56, 168.	0.5	10
34	Identifying the neural network for neuromodulation in epilepsy through connectomics and graphs. <i>Brain Communications</i> , 2022, 4, .	1.5	10
35	Gamma Knife Radiosurgery Followed by Flow-Reductive Embolization for Ruptured Arteriovenous Malformation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1318.	1.0	9
36	Complications After Deep Brain Stimulation: A 21-Year Experience in 426 Patients. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 819730.	1.7	9

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37	Temporal Hollowing Augmentation with Titanium Mesh after Autologous Cranioplasty in Temporal Muscle Resected Case: A Case Report. <i>Korean Journal of Neurotrauma</i> , 2013, 9, 154.	0.2	8
38	Decreased inhibitory neuronal activity in patients with frontal lobe brain tumors with seizure presentation: Preliminary study using magnetoencephalography. <i>Acta Neurochirurgica</i> , 2013, 155, 1449-1457.	0.9	7
39	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
40	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
41	A Fully Implantable Miniaturized Liquid Crystal Polymer (LCP)-Based Spinal Cord Stimulator for Pain Control. <i>Sensors</i> , 2022, 22, 501.	2.1	7
42	Ventral posterolateral deep brain stimulation treatment for neuropathic pain shortens pain response after cold stimuli. <i>Journal of Neuroscience Research</i> , 2013, 91, 997-1004.	1.3	6
43	Neuromodulation methods for animal locomotion control. <i>Biomedical Engineering Letters</i> , 2016, 6, 134-147.	2.1	6
44	The Role of Radiosurgery in the Management of Benign Head and Neck Tumors. <i>World Neurosurgery</i> , 2016, 87, 116-123.	0.7	6
45	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
46	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
47	Gamma Knife Radiosurgery for Choroidal Hemangioma: A Single-Institute Series. <i>World Neurosurgery</i> , 2020, 133, e129-e134.	0.7	6
48	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
49	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
50	Magnetic Resonance-Guided High Intensity Focused Ultrasound for Treating Movement Disorders. <i>Progress in Neurological Surgery</i> , 2018, 33, 120-134.	1.3	5
51	Factors Related to the Clinical Outcomes of Surgery for Extraaxial Temporal Lobe Epilepsy: Long-Term Follow-Up Results. <i>World Neurosurgery</i> , 2018, 115, e645-e649.	0.7	5
52	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
53	Development of wireless neural interface system. <i>Biomedical Engineering Letters</i> , 2016, 6, 164-171.	2.1	4
54	Brain abscess after stent-assisted coiling for ruptured middle cerebral artery aneurysm. <i>Interventional Neuroradiology</i> , 2018, 24, 387-391.	0.7	4

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55	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
56	Temporal Volume Change of Cavernous Sinus Cavernous Hemangiomas after Gamma Knife Surgery. <i>Yonsei Medical Journal</i> , 2020, 61, 976.	0.9	4
57	A novel rat robot controlled by electrical stimulation of the nigrostriatal pathway. <i>Neurosurgical Focus</i> , 2020, 49, E11.	1.0	4
58	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
59	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
60	'Is tinnitus accompanied by hemifacial spasm in normal-hearing patients also a type of hyperactive neurovascular compression syndrome? : A magnetoencephalography study. <i>BMC Neurology</i> , 2013, 13, 42.	0.8	2
61	Magnetoencephalography as a Prognostic Tool in Patients with Medically Intractable Temporal Lobe Epilepsy. <i>World Neurosurgery</i> , 2019, 123, e753-e759.	0.7	2
62	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
63	Focused Ultrasound for the Treatment of Obsessive-Compulsive Disorder. , 2015, , 125-141.		1
64	Traumatic Interhemispheric Subdural Hematoma Presenting the Falx Syndrome after Decompressive Craniectomy: A Case Report. <i>Journal of Korean Neurotraumatology Society</i> , 2008, 4, 93.	0.0	1
65	Dual Pallidal and Thalamic Deep Brain Stimulation for Complex Ipsilateral Dystonia. <i>Yonsei Medical Journal</i> , 2022, 63, 166.	0.9	1
66	The Significance of Pupillary Light Reflex of Patient in Barbiturate Coma Therapy. <i>Journal of Korean Neurotraumatology Society</i> , 2008, 4, 57.	0.0	0
67	Endovascular Treatment for Type A Carotid Cavernous Fistulas with Detachable Coils. <i>Journal of Korean Neurotraumatology Society</i> , 2008, 4, 77.	0.0	0
68	Corpus Callosal Injury in Head Trauma. <i>Journal of Korean Neurotraumatology Society</i> , 2007, 3, 43.	0.0	0
69	The Effect of Early Mobilization for the Patients of Chronic Subdural Hematoma after Closed Drainage Surgery. <i>Journal of Korean Neurotraumatology Society</i> , 2010, 6, 48.	0.0	0