

# Kyu-Won Shim

## List of Publications by Year in descending order

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Version: 2024-02-01

87  
papers

2,086  
citations

236612

25  
h-index

264894

42  
g-index

90  
all docs

90  
docs citations

90  
times ranked

3159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Salvage multiple burr hole surgery in patients with Moyamoya disease: efficacy evaluation using probabilistic independent component analysis of dynamic susceptibility contrast perfusion MRI. <i>Neuroradiology</i> , 2022, , 1.	1.1	0
2	Features and diversity of symptoms of moyamoya disease in adolescents: A cluster analysis. <i>Journal of Advanced Nursing</i> , 2021, 77, 2319-2327.	1.5	4
3	The feasibility of performing multiple burr hole surgery in pediatric moyamoya patients as a response to failed mEDAS. <i>Child's Nervous System</i> , 2021, 37, 2233-2238.	0.6	6
4	The Moyamoya Health Behavior Scale for Adolescent Patients: Measurement Tool Development and Psychometric Evaluation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4064.	1.2	2
5	Quantitative Assessment of Shape Deformation of Regional Cranial Bone for Evaluation of Surgical Effect in Patients with Craniosynostosis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 990.	1.3	1
6	Molecular Diagnosis of Craniosynostosis Using Targeted Next-Generation Sequencing. <i>Neurosurgery</i> , 2020, 87, 294-302.	0.6	20
7	Postoperative hypotonia. <i>Child's Nervous System</i> , 2020, 36, 1967-1969.	0.6	0
8	Optimization of Intracranial Germinoma Treatment: Radiotherapy Alone with Reduced Volume and Dose. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 657-666.	0.4	17
9	Lived experiences of adult patients with moyamoya disease: A qualitative case study. <i>Japan Journal of Nursing Science</i> , 2020, 17, e12332.	0.5	5
10	Stress and mood of adults with moyamoya disease: A cross-sectional study. <i>Australian Journal of Cancer Nursing</i> , 2020, 22, 795-802.	0.8	4
11	Mood and Stress Evaluation of Adult Patients With Moyamoya Disease in Korea: Ecological Momentary Assessment Method Using a Mobile Phone App. <i>JMIR MHealth and UHealth</i> , 2020, 8, e17034.	1.8	5
12	Clinical Features and Outcomes of Intracranial Aneurysm Associated with Moyamoya Disease. <i>Journal</i>		

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19	Genomic analysis reveals secondary glioblastoma after radiotherapy in a subset of recurrent medulloblastomas. <i>Acta Neuropathologica</i> , 2018, 135, 939-953.	3.9	32
20	Neuropsychological impacts of indirect revascularization for pediatric moyamoya disease. <i>Child's Nervous System</i> , 2018, 34, 1199-1206.	0.6	13
21	Direct versus indirect revascularization in the treatment of moyamoya disease. <i>Journal of Neurosurgery</i> , 2018, 129, 480-489.	0.9	43
22	Efficacy of endoscopic third ventriculostomy in old aged patients with normal pressure hydrocephalus. <i>Neurologia I Neurochirurgia Polska</i> , 2018, 52, 29-34.	0.6	7
23	Effect of Unshaven Hair with Absorbable Sutures and Early Postoperative Shampoo on Cranial Surgery Site Infection. <i>Pediatric Neurosurgery</i> , 2018, 53, 18-23.	0.4	9
24	Hemispherotomy and Functional Hemispherectomy: Indications and Outcomes. <i>Journal of Epilepsy Research</i> , 2018, 8, 1-5.	0.1	42
25	Interregional metabolic connectivity of $^{18}\text{F}$ fluorodeoxyglucose positron emission tomography in vagus nerve stimulation for pediatric patients with epilepsy: A retrospective cross-sectional study. <i>Epilepsia</i> , 2018, 59, 2249-2259.	2.6	13
26	Effects of Tranexamic Acid Based on its Population Pharmacokinetics in Pediatric Patients Undergoing Distraction Osteogenesis for Craniosynostosis: Rotational Thromboelastometry (ROTEM) Analysis. <i>International Journal of Medical Sciences</i> , 2018, 15, 788-795.	1.1	17
27	Quantitative Analysis and Classification of Skull Deformities on 3D Head CT Images Using Shape Descriptors. <i>Journal of Medical Imaging and Health Informatics</i> , 2018, 8, 1087-1095.	0.2	1
28	Computer-assisted quantification of the skull deformity for craniosynostosis from 3D head CT images using morphological descriptor and hierarchical classification. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
29	Exploring for the optimal structural design for the 3D-printing technology for cranial reconstruction: a biomechanical and histological study comparison of solid vs. porous structure. <i>Child's Nervous System</i> , 2017, 33, 1553-1562.	0.6	7
30	Altered cerebrospinal fluid dynamics in neurofibromatosis type I: severe arachnoid thickening in patients with neurofibromatosis type 1 may cause abnormal CSF dynamic. <i>Child's Nervous System</i> , 2017, 33, 767-775.	0.6	8
31	Correction of Sagittal Craniosynostosis Using Distraction Osteogenesis Based on Strategic Categorization. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 157-169.	0.7	8
32	Sacral Reconstruction with a 3D-Printed Implant after Hemisacrectomy in a Patient with Sacral Osteosarcoma: 1-Year Follow-Up Result. <i>Yonsei Medical Journal</i> , 2017, 58, 453.	0.9	93
33	Neuroendoscopy : Current and Future Perspectives. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 322-326.	0.5	28
34	Endoscopic Treatment of Hypothalamic Hamartomas. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 294-300.	0.5	7
35	The Unnecessity of Positron Emission Tomography Computed Tomography in the Etiologic Evaluation of Neurodevelopmental Delay in Craniosynostosis Patients. <i>Archives of Craniofacial Surgery</i> , 2017, 18, 21-24.	0.4	2
36	Multiple Spontaneous Intracerebral Hematoma without Presenting Risk Factors. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2016, 18, 286.	0.2	0

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37	Neurodevelopmental Problems in Non-Syndromic Craniosynostosis. Journal of Korean Neurosurgical Society, 2016, 59, 242.	0.5	33
38	Cranioplasty Enhanced by Three-Dimensional Printing. Journal of Craniofacial Surgery, 2016, 27, 943-949.	0.3	91
39	Computer-assisted shape descriptors for skull morphology in craniosynostosis. Child's Nervous System, 2016, 32, 511-517.	0.6	7
40	Treatment Outcome and Prognostic Molecular Markers of Supratentorial Primitive Neuroectodermal Tumors. PLoS ONE, 2016, 11, e0153443.	1.1	21
41	Current Trends in Management for Central Nervous System Germ Cell Tumor. Clinical Pediatric Hematology-Oncology, 2016, 23, 17-27.	0.0	3
42	Patterns of Failure Following Multimodal Treatment for Medulloblastoma: Long-Term Follow-up Results at a Single Institution. Cancer Research and Treatment, 2015, 47, 879-888.	1.3	8
43	Three-dimensional analysis of cranial and facial asymmetry after helmet therapy for positional plagiocephaly. Child's Nervous System, 2015, 31, 1113-1120.	0.6	14
44	Expansion and compression distraction osteogenesis based on volumetric and neurodevelopmental analysis in sagittal craniosynostosis. Child's Nervous System, 2015, 31, 2081-2089.	0.6	9
45	Neurocognitive Function in Children After Anterior Temporal Lobectomy With Amygdalohippocampectomy. Pediatric Neurology, 2015, 52, 88-93.	1.0	11
46	Cognitive Outcome of Pediatric Moyamoya Disease. Journal of Korean Neurosurgical Society, 2015, 57, 440.	0.5	20
47	Skull Reconstruction with Custom Made Three-Dimensional Titanium Implant. Archives of Craniofacial Surgery, 2015, 16, 11.	0.4	40
48	How would we deal with hypothalamic hamartomas?. World Journal of Surgical Procedures, 2015, 5, 65.	0.1	0
49	Convection-enhanced delivery of nanodiamond drug delivery platforms for intracranial tumor treatment. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 381-391.	1.7	127
50	A critical role of noggin in developing folate-nonresponsive NTD in Fkbp8 $\hat{a}$ / $\hat{a}$ embryos. Child's Nervous System, 2014, 30, 1343-1353.	0.6	8
51	Outcomes of epilepsy surgery in childhood-onset epileptic encephalopathy. Brain and Development, 2014, 36, 496-504.	0.6	65
52	Treatment strategy for intracranial primary pure germinoma. Child's Nervous System, 2013, 29, 239-248.	0.6	20
53	Epigenetic modification after inhibition of IGF-1R signaling in human central nervous system atypical teratoid rhabdoid tumor (AT/RT). Child's Nervous System, 2013, 29, 1245-1251.	0.6	7
54	Isolation of mesenchymal stem-like cells in meningioma specimens. International Journal of Oncology, 2013, 43, 1260-1268.	1.4	21

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55	Validation of tumor markers in central nervous system germ cell tumors by real-time reverse transcriptase polymerase chain reaction using formalin-fixed paraffin-embedded tissues. <i>Molecular Medicine Reports</i> , 2013, 7, 337-341.	1.1	2
56	Transventricular Endoscopic Fenestration of Intrasellar Arachnoid Cyst. <i>Neurosurgery</i> , 2013, 72, 520-528.	0.6	20
57	Nuclear localization of folate receptor alpha: a new role as a transcription factor. <i>Scientific Reports</i> , 2012, 2, 980.	1.6	83
58	A Multimodal Approach Including Craniospinal Irradiation Improves the Treatment Outcome of High-risk Intracranial Nongerminomatous Germ Cell Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, 625-631.	0.4	47
59	Neuroimaging in identifying focal cortical dysplasia and prognostic factors in pediatric and adolescent epilepsy surgery. <i>Epilepsia</i> , 2011, 52, 722-727.	2.6	98
60	Natural history and progression factors of unilateral moyamoya disease in pediatric patients. <i>Child's Nervous System</i> , 2011, 27, 1281-1287.	0.6	30
61	Tuberculous Encephalopathy without Meningitis: Pathology and Brain MRI Findings. <i>European Neurology</i> , 2011, 65, 156-159.	0.6	13
62	Focal time-to-peak changes on perfusion MRI in children with Moyamoya disease: correlation with conventional angiography. <i>Acta Radiologica</i> , 2011, 52, 675-679.	0.5	3
63	What should we do with a discontinued shunt?. <i>Child's Nervous System</i> , 2010, 26, 791-796.	0.6	14
64	59â€¢YEAR OLD FEMALE WITH SUPRASELLAR MASS. <i>Brain Pathology</i> , 2010, 20, 257-260.	2.1	8
65	17â€¢YEARâ€¢OLD GIRL WITH HEADACHE AND COMPLEX PARTIAL SEIZURE. <i>Brain Pathology</i> , 2010, 20, 1111-1114.	2.1	8
66	Resective Pediatric Epilepsy Surgery in Lennox-Gastaut Syndrome. <i>Pediatrics</i> , 2010, 125, e58-e66.	1.0	96
67	Spinal dysraphism with anorectal malformation: lumbosacral magnetic resonance imaging evaluation of 120 patients. <i>Journal of Pediatric Surgery</i> , 2010, 45, 769-776.	0.8	52
68	The Emotional Distress Prior to the Surgery and the Parenting Stress in Elementary School Children with Neurosurgical Diseases : The Preliminary Study. <i>SoaÂ¿\$ceongso'nyeon Jeongsin Yihag</i> , 2010, 21, 168-173.	0.3	1
69	Factors contributing improvement of syringomyelia and surgical outcome in type Ð† Chiari malformation. <i>Child's Nervous System</i> , 2009, 25, 453-459.	0.6	22
70	Insular epilepsy surgery under neuronavigation guidance using depth electrode. <i>Child's Nervous System</i> , 2009, 25, 591-597.	0.6	43
71	Neurocognitive and psychological profiles in pediatric arachnoid cyst. <i>Child's Nervous System</i> , 2009, 25, 1071-1076.	0.6	25
72	The history of ependymoma management. <i>Child's Nervous System</i> , 2009, 25, 1167-1183.	0.6	24

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73	Treatment option for arachnoid cysts. <i>Child's Nervous System</i> , 2009, 25, 1459-1466.	0.6	111
74	Treatment and outcomes of primary intracranial teratoma. <i>Child's Nervous System</i> , 2009, 25, 1581-1587.	0.6	39
75	Endoscopic disconnection of hypothalamic astrocytoma causing gelastic epilepsy. <i>Journal of Neurosurgery: Pediatrics</i> , 2009, 4, 151-155.	0.8	3
76	Management of intracranial cavernous malformation in pediatric patients. <i>Child's Nervous System</i> , 2008, 24, 321-327.	0.6	48
77	Simultaneous endoscopic third ventriculostomy and ventriculoperitoneal shunt for infantile hydrocephalus. <i>Child's Nervous System</i> , 2008, 24, 443-451.	0.6	24
78	Factors contributing to resectability and seizure outcomes in 44 patients with ganglioglioma. <i>Clinical Neurology and Neurosurgery</i> , 2008, 110, 667-673.	0.6	42
79	Prediction of prognosis in children with medulloblastoma by using immunohistochemical analysis and tissue microarray. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 1, 196-205.	0.8	7
80	Changing the paradigm of 1-stage total callosotomy for the treatment of pediatric generalized epilepsy. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 2, 29-36.	0.8	40
81	TREATMENT MODALITY FOR INTRACTABLE EPILEPSY IN HYPOTHALAMIC HAMARTOMATOUS LESIONS. <i>Neurosurgery</i> , 2008, 62, 847-856.	0.6	49
82	Congenital Cavernous Sinus Cystic Teratoma. <i>Yonsei Medical Journal</i> , 2007, 48, 704.	0.9	7
83	Distraction vs remodeling surgery for craniosynostosis. <i>Child's Nervous System</i> , 2007, 23, 201-206.	0.6	40
84	Mixed or metachronous germ-cell tumor?. <i>Child's Nervous System</i> , 2007, 23, 713-718.	0.6	14
85	Treatment failure in intracranial primary germinomas. <i>Child's Nervous System</i> , 2007, 23, 1155-1161.	0.6	22
86	Pineal Cavernous Malformations: Report of Two Cases. <i>Yonsei Medical Journal</i> , 2005, 46, 851.	0.9	11
87	Risk and protective factors for a salutogenic sense of health in adolescents with Moyamoya disease. <i>International Journal of Nursing Practice</i> , 0, , .	0.8	0