

# Yosuke Sato

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

278  
citations

840776

11  
h-index

996975

15  
g-index

29  
all docs

29  
docs citations

29  
times ranked

360  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactive virtual simulation using a 3D computer graphics model for microvascular decompression surgery. <i>Journal of Neurosurgery</i> , 2012, 117, 555-565.	1.6	37
2	Monitoring of abnormal muscle response and facial motor evoked potential during microvascular decompression for hemifacial spasm. , 2012, 3, 118.		25
3	Remote <sc>MEG</sc> dipoles in focal cortical dysplasia at bottom of sulcus. <i>Epilepsia</i> , 2016, 57, 1169-1178.	5.1	21
4	Spatiotemporal changes in regularity of gamma oscillations contribute to focal ictogenesis. <i>Scientific Reports</i> , 2017, 7, 9362.	3.3	21
5	Preictal surrender of post-“spike slow waves to spike-“related high-“frequency oscillations (80-“200-“Hz) is associated with seizure initiation. <i>Epilepsia</i> , 2014, 55, 1399-1405.	5.1	19
6	Low entropy of interictal gamma oscillations is a biomarker of the seizure onset zone in focal cortical dysplasia type II. <i>Epilepsy and Behavior</i> , 2019, 96, 155-159.	1.7	17
7	Near-infrared spectroscopic study and the Wada test for presurgical evaluation of expressive and receptive language functions in glioma patients: With a case report of dissociated language functions. <i>Neuroscience Letters</i> , 2012, 510, 104-109.	2.1	14
8	Ictal near-infrared spectroscopy and electrocorticography study of supplementary motor area seizures. <i>Journal of Biomedical Optics</i> , 2013, 18, 076022.	2.6	14
9	Increased subcortical oligodendroglia-“like cells in pharmaco-resistant focal epilepsy in children correlate with extensive epileptogenic zones. <i>Epilepsia</i> , 2016, 57, 2031-2038.	5.1	12
10	Movement-related cortical activation with voluntary pinch task: simultaneous monitoring of near-infrared spectroscopy signals and movement-related cortical potentials. <i>Journal of Biomedical Optics</i> , 2012, 17, 0760111.	2.6	11
11	Hemodynamic and electrophysiological connectivity in the language system: Simultaneous near-infrared spectroscopy and electrocorticography recordings during cortical stimulation. <i>Brain and Language</i> , 2012, 123, 64-67.	1.6	11
12	Dynamic preictal relations in FCD type II: Potential for early seizure detection in focal epilepsy. <i>Epilepsy Research</i> , 2015, 110, 26-31.	1.6	11
13	Successful Resection of a Growing Distal Medial Lenticulostriate Artery Pseudoaneurysm Presenting with Isolated Intraventricular Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, e206-e209.	1.6	7
14	Advanced dynamic statistical parametric mapping with MEG in localizing epileptogenicity of the bottom of sulcus dysplasia. <i>Clinical Neurophysiology</i> , 2018, 129, 1182-1191.	1.5	7
15	Retrosigmoid Intradural Suprameatal-Inframeatal Approach for Complete Surgical Removal of a Giant Recurrent Vestibular Schwannoma with Severe Petrous Bone Involvement: Technical Case Report. <i>World Neurosurgery</i> , 2018, 110, 93-98.	1.3	7
16	Potential Efficacy of Multimodal Mixed Reality in Epilepsy Surgery. <i>Operative Neurosurgery</i> , 2021, 20, 276-281.	0.8	7
17	Cortico-cortical evoked hemodynamic responses in human language systems using intraoperative near-infrared spectroscopy during direct cortical stimulation. <i>Neuroscience Letters</i> , 2016, 630, 136-140.	2.1	5
18	Influences of Lavender Essential Oil Inhalation on Stress Responses during Short-Duration Sleep Cycles: A Pilot Study. <i>Healthcare (Switzerland)</i> , 2021, 9, 909.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Cortico-cortical activity between the primary and supplementary motor cortex: An intraoperative near-infrared spectroscopy study. , 2015, 6, 44.		5
20	Dynamic changes of interictal post-spike slow waves toward seizure onset in focal cortical dysplasia type II. Clinical Neurophysiology, 2015, 126, 1670-1676.	1.5	4
21	Intraoperative epileptogenic network visualization using gamma oscillation regularity correlation analysis in epilepsy surgery. , 2021, 12, 254.		4
22	Clinical usefulness of multiphase arterial spin labeling imaging for evaluating cerebral hemodynamic status in a patient with symptomatic carotid stenosis by comparison with single-photon emission computed tomography: A case study. Radiology Case Reports, 2017, 12, 824-826.	0.6	3
23	A technique for sequential, progressive clipping for a giant thrombosed distal anterior cerebral artery aneurysm: Technical note. , 2017, 8, 292.		3
24	Whole-Field Indocyanine Green Intensity Analysis to Intraoperatively Predict Cerebral Hyperperfusion Syndrome Following Superficial Temporal Artery-Middle Cerebral Artery Bypass: A Retrospective Case-Control Study in 7-Year Experience With 112 Cases. Operative Neurosurgery, 2019, 18, 652-659.	0.8	2
25	Epileptogenic zone localization using intraoperative gamma oscillation regularity analysis in epilepsy surgery for cavernomas: patient series. Journal of Neurosurgery Case Lessons, 2021, 1, .	0.3	2
26	Factors Related to the Delayed Cure of Hemifacial Spasm after Microvascular Decompression: An Analysis of 175 Consecutive Patients. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, 548-553.	0.8	2
27	Interictal High Gamma Oscillation Regularity as a Marker for Presurgical Epileptogenic Zone Localization. Operative Neurosurgery, 2022, 23, 164-173.	0.8	2
28	Visualization of ictal networks using gamma oscillation regularity correlation analysis in focal motor epilepsy: Illustrative cases. , 2022, 13, 105.		0