

# Aashit K Shah

## List of Publications by Year in descending order

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84  
papers

3,558  
citations

109137

35  
h-index

138251

58  
g-index

85  
all docs

85  
docs citations

85  
times ranked

3356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging epileptogenic tubers in children with tuberous sclerosis complex using $^{11}\text{C}$ -Methyl-L-tryptophan positron emission tomography. <i>Annals of Neurology</i> , 1998, 44, 858-866.	2.8	253
2	Hippocampal sclerosis is a progressive disorder: A longitudinal volumetric MRI study. <i>Annals of Neurology</i> , 2003, 53, 413-416.	2.8	198
3	Epilepsy Surgery Outcome in Children With Tuberous Sclerosis Complex Evaluated With $^{11}\text{C}$ -Methyl-L-Tryptophan Positron Emission Tomography (PET). <i>Journal of Child Neurology</i> , 2005, 20, 429-438.	0.7	169
4	Role of subdural electrocorticography in prediction of long-term seizure outcome in epilepsy surgery. <i>Brain</i> , 2009, 132, 1038-1047.	3.7	157
5	Origin and Propagation of Epileptic Spasms Delineated on Electrocorticography. <i>Epilepsia</i> , 2005, 46, 1086-1097.	2.6	155
6	Asymmetric flaccid paralysis: A neuromuscular presentation of West Nile virus infection. <i>Annals of Neurology</i> , 2003, 53, 703-710.	2.8	142
7	Three- and four-dimensional mapping of speech and language in patients with epilepsy. <i>Brain</i> , 2017, 140, 1351-1370.	3.7	109
8	Quantitative Interictal Subdural EEG Analyses in Children with Neocortical Epilepsy. <i>Epilepsia</i> , 2003, 44, 425-434.	2.6	106
9	Seizure control as a new metric in assessing efficacy of tumor treatment in low-grade glioma trials. <i>Neuro-Oncology</i> , 2017, 19, 12-21.	0.6	94
10	In Vivo Uptake and Metabolism of $^{11}\text{C}$ -Methyl-L-Tryptophan in Human Brain Tumors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 345-357.	2.4	91
11	Layer-Specific CREB Target Gene Induction in Human Neocortical Epilepsy. <i>Journal of Neuroscience</i> , 2012, 32, 14389-14401a.	1.7	86
12	A common pattern of persistent gene activation in human neocortical epileptic foci. <i>Annals of Neurology</i> , 2005, 58, 736-747.	2.8	83
13	High inter-reviewer variability of spike detection on intracranial EEG addressed by an automated multi-channel algorithm. <i>Clinical Neurophysiology</i> , 2012, 123, 1088-1095.	0.7	80
14	Is epileptogenic cortex truly hypometabolic on interictal positron emission tomography?. <i>Annals of Neurology</i> , 2000, 48, 88-96.	2.8	77
15	The diagnostic value of initial video-EEG monitoring in children—Review of 1000 cases. <i>Epilepsy Research</i> , 2005, 66, 129-135.	0.8	74
16	Activity-dependent Gene Expression Correlates with Interictal Spiking in Human Neocortical Epilepsy. <i>Epilepsia</i> , 2007, 48, 86-95.	2.6	65
17	Clinical significance and developmental changes of auditory-language-related gamma activity. <i>Clinical Neurophysiology</i> , 2013, 124, 857-869.	0.7	61
18	Invasive electroencephalography monitoring: Indications and presurgical planning. <i>Annals of Indian Academy of Neurology</i> , 2014, 17, 89.	0.2	61

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19	Eclampsia: A neurological perspective. <i>Journal of the Neurological Sciences</i> , 2008, 271, 158-167.	0.3	60
20	Gamma-oscillations modulated by picture naming and word reading: Intracranial recording in epileptic patients. <i>Clinical Neurophysiology</i> , 2011, 122, 1929-1942.	0.7	58
21	Young patients with focal seizures may have the primary motor area for the hand in the postcentral gyrus. <i>Epilepsy Research</i> , 2007, 76, 131-139.	0.8	57
22	Quantitative brain surface mapping of an electrophysiologic/metabolic mismatch in human neocortical epilepsy. <i>Epilepsy Research</i> , 2009, 87, 77-87.	0.8	57
23	Brain Activation During Intermittent Photic Stimulation: A [ <sup>15</sup> O]-Water PET Study on Photosensitive Epilepsy. <i>Epilepsia</i> , 1999, 40, 17-22.	2.6	56
24	Is Intraoperative Electroconvulsive Therapy Reliable in Children with Intractable Neocortical Epilepsy?. <i>Epilepsia</i> , 2004, 45, 1091-1099.	2.6	55
25	Peripheral WBC Count and Serum Prolactin Level in Various Seizure Types and Nonepileptic Events. <i>Epilepsia</i> , 2002, 42, 1472-1475.	2.6	52
26	Improving safety outcomes in the epilepsy monitoring unit. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012, 21, 124-127.	0.9	51
27	Multimodality language mapping in patients with left-hemispheric language dominance on Wada test. <i>Clinical Neurophysiology</i> , 2012, 123, 1917-1924.	0.7	51
28	Evaluation with alpha-[ <sup>11</sup> C]Methyl-L-tryptophan Positron Emission Tomography for Reoperation after Failed Epilepsy Surgery. <i>Epilepsia</i> , 2004, 45, 124-130.	2.6	49
29	Occipital gamma-oscillations modulated during eye movement tasks: Simultaneous eye tracking and electroconvulsive therapy recording in epileptic patients. <i>NeuroImage</i> , 2011, 58, 1101-1109.	2.1	42
30	Cyclosporine A Neurotoxicity Among Bone Marrow Transplant Recipients. <i>Clinical Neuropharmacology</i> , 1999, 22, 67-73.	0.2	39
31	Relationship Between EEG and Positron Emission Tomography Abnormalities in Clinical Epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2000, 17, 29-42.	0.9	39
32	Gamma activity modulated by picture and auditory naming tasks: Intracranial recording in patients with focal epilepsy. <i>Clinical Neurophysiology</i> , 2013, 124, 1737-1744.	0.7	38
33	Objective Method for Localization of Cortical Asymmetries Using Positron Emission Tomography to Aid Surgical Resection of Epileptic Foci. <i>Computer Aided Surgery</i> , 1998, 3, 74-82.	1.8	36
34	Brain MRI in peripartum seizures: usefulness of combined T2 and diffusion weighted MR imaging. <i>Journal of the Neurological Sciences</i> , 1999, 166, 122-125.	0.3	36
35	Focal decreases of cortical GABA <sub>A</sub> receptor binding remote from the primary seizure focus: What do they indicate?. <i>Epilepsia</i> , 2009, 50, 240-250.	2.6	36
36	Successful surgical treatment of an inflammatory lesion associated with new-onset refractory status epilepticus. <i>Neurosurgical Focus</i> , 2013, 34, E5.	1.0	33

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37	Updates in Refractory Status Epilepticus. <i>Critical Care Research and Practice</i> , 2018, 2018, 1-19.	0.4	33
38	Acute disseminated encephalomyelitis in a pregnant woman successfully treated with plasmapheresis. <i>Journal of the Neurological Sciences</i> , 2000, 174, 147-151.	0.3	32
39	Drug-induced EEG pattern predicts effectiveness of ketamine in treating refractory status epilepticus. <i>Epilepsia</i> , 2015, 56, e44-8.	2.6	29
40	Evaluating reverse speech as a control task with language-related gamma activity on electrocorticography. <i>NeuroImage</i> , 2012, 60, 2335-2345.	2.1	28
41	Clobazam: An effective add-on therapy in refractory status epilepticus. <i>Epilepsia</i> , 2015, 56, e83-9.	2.6	26
42	Objective method for localization of cortical asymmetries using positron emission tomography to aid surgical resection of epileptic foci. <i>Computer Aided Surgery</i> , 1998, 3, 74-82.	1.8	26
43	Relationship Between Brain Glucose Metabolism Positron Emission Tomography (PET) and Electroencephalography (EEG) in Children With Continuous Spike-and-Wave Activity During Slow-Wave Sleep. <i>Journal of Child Neurology</i> , 2005, 20, 682-690.	0.7	25
44	Seizures Lead to Elevation of Intracranial Pressure in Children Undergoing Invasive EEG Monitoring. <i>Epilepsia</i> , 2007, 48, 1097-1103.	2.6	24
45	Lead breakage and vocal cord paralysis following blunt neck trauma in a patient with vagal nerve stimulator. <i>Journal of the Neurological Sciences</i> , 2011, 304, 132-135.	0.3	24
46	Safety considerations in the epilepsy monitoring unit for psychogenic nonepileptic seizures. <i>Epilepsy and Behavior</i> , 2012, 25, 176-180.	0.9	24
47	Histopathological evidence that hippocampal atrophy following status epilepticus is a result of neuronal necrosis. <i>Journal of the Neurological Sciences</i> , 2013, 334, 186-191.	0.3	24
48	Morphology-Based Automatic Seizure Detector for Intracerebral EEG Recordings. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 1871-1881.	2.5	23
49	Quantitative visualization of ictal subdural EEG changes in children with neocortical focal seizures. <i>Clinical Neurophysiology</i> , 2004, 115, 2718-2727.	0.7	22
50	Fatal Bromethalin Poisoning. <i>Journal of Forensic Sciences</i> , 2006, 51, 1154-1157.	0.9	20
51	Compressed EEG Pattern Analysis for Critically Ill Neurological-Neurosurgical Patients. <i>Neurocritical Care</i> , 2006, 5, 124-133.	1.2	19
52	Acute Resective Surgery for the Treatment of Refractory Status Epilepticus. <i>Neurocritical Care</i> , 2017, 27, 370-380.	1.2	19
53	Cellular compartmentalization of phosphorylated eIF2 $\gamma$ and neuronal NOS in human temporal lobe epilepsy with hippocampal sclerosis. <i>Journal of the Neurological Sciences</i> , 2003, 209, 31-39.	0.3	16
54	Epileptic patients who survived sudden cardiac death have increased risk of recurrent arrhythmias and death. <i>Journal of Cardiovascular Medicine</i> , 2010, 11, 810-814.	0.6	14

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55	Palinacousisâ€”Evidence to suggest a post-ictal phenomenon. <i>Journal of the Neurological Sciences</i> , 2012, 317, 6-12.	0.3	14
56	Safety in the EMU: Reaching Consensus. <i>Epilepsy Currents</i> , 2013, 13, 107-109.	0.4	14
57	Dramatic Headache Relief After Sumatriptan in a Patient With a Pituitary Macroadenoma. <i>Headache</i> , 1999, 39, 443-445.	1.8	13
58	Psychiatric and cognitive adverse events: A pooled analysis of three phase III trials of adjunctive eslicarbazepine acetate for partial-onset seizures. <i>Epilepsy and Behavior</i> , 2018, 82, 119-127.	0.9	13
59	Inadequate benzodiazepine dosing may result in progression to refractory and nonâ€”convulsive status epilepticus. <i>Epileptic Disorders</i> , 2018, 20, 265-269.	0.7	13
60	Possible removal of topiramate by continuous renal replacement therapy. <i>Journal of the Neurological Sciences</i> , 2010, 288, 186-189.	0.3	11
61	Evaluating signal-correlated noise as a control task with language-related gamma activity on electrocorticography. <i>Clinical Neurophysiology</i> , 2014, 125, 1312-1323.	0.7	11
62	A retrospective cross-sectional study of the prevalence of generalized convulsive status epilepticus in traumatic brain injury: United States 2002â€”2010. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 32, 16-22.	0.9	11
63	Evaluation of magnetic resonance imaging-negative drug-resistant epilepsy. <i>Annals of Indian Academy of Neurology</i> , 2014, 17, 80.	0.2	10
64	Seizure-related injury and postictal aggression in refractory epilepsy patients. <i>Epilepsy Research</i> , 2020, 160, 106281.	0.8	10
65	Refractory status epilepticus secondary to CNS vasculitis, a role for epilepsy surgery. <i>Journal of the Neurological Sciences</i> , 2012, 315, 156-159.	0.3	9
66	Frontal lobe hypometabolism associated with Sudden Unexpected Death in Epilepsy (SUDEP) risk: An objective PET study. <i>Epilepsy and Behavior</i> , 2021, 122, 108185.	0.9	9
67	Temporal neocortical origin of pilomotor seizures in association with an infiltrating glioma: a case confirmed by intracranial electroencephalography monitoring. <i>Journal of Neurosurgery</i> , 2010, 113, 388-393.	0.9	8
68	Systems biology of human epilepsy applied to patients with brain tumors. <i>Epilepsia</i> , 2013, 54, 35-39.	2.6	8
69	Acute or chronic use of lacosamide does not alter its distribution between serum and cerebrospinal fluid. <i>Epilepsia</i> , 2015, 56, 1732-1737.	2.6	8
70	Tolerability of adjunctive eslicarbazepine acetate according to concomitant lamotrigine or carbamazepine use: A subgroup analysis of three phase III trials in adults with focal (partial-onset) seizures. <i>Epilepsy Research</i> , 2018, 147, 80-86.	0.8	8
71	Racial variations in lacosamide serum concentrations in adult patients with epilepsy. <i>Journal of the Neurological Sciences</i> , 2020, 412, 116742.	0.3	8
72	Immimopharmacologic Therapy in Myasthenia Gravis. <i>Clinical Neuropharmacology</i> , 1993, 16, 97-103.	0.2	6

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73	Transient shivering during Wada test provides insight into human thermoregulation. <i>Epilepsia</i> , 2010, 51, 745-751.	2.6	6
74	Effects of Marijuana on Ictal and Interictal EEG Activities in Idiopathic Generalized Epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2017, 34, e1-e4.	0.9	6
75	Amyloid spells. <i>Neurology: Clinical Practice</i> , 2019, 9, e17-e18.	0.8	6
76	Histopathology of new-onset refractory status epilepticus (NORSE) in adults. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 93, 95-101.	0.9	6
77	Infections Occurring in Hospitalized Myasthenia Gravis Patients. <i>Annals of the New York Academy of Sciences</i> , 1993, 681, 561-562.	1.8	4
78	Management of brain tumor-related epilepsy. <i>Neurology India</i> , 2017, 65, 60.	0.2	4
79	Long-term safety and efficacy following conversion to eslicarbazepine acetate monotherapy in adults with focal seizures. <i>Epilepsy Research</i> , 2019, 153, 59-65.	0.8	3
80	Immunopathogenesis and Management of Myasthenia Gravis. <i>BioDrugs</i> , 1994, 2, 430-442.	0.7	2
81	Intraoperative hippocampal electrocorticography frequently captures electrographic seizures and correlates with hippocampal pathology. <i>Clinical Neurophysiology</i> , 2018, 129, 717-723.	0.7	2
82	Bruxism. <i>Neurology: Clinical Practice</i> , 2021, 11, e727-e728.	0.8	1
83	Atypical representation of sensorimotor cortex in a patient with autism and epilepsy confirmed by direct electrocortical stimulation. <i>Epilepsy and Behavior Reports</i> , 2021, 15, 100403.	0.5	0
84	Author's Reply: Choice of antiepileptic drugs in the treatment of tumor-related epilepsy. <i>Neurology India</i> , 2017, 65, 921.	0.2	0