

Balu Krishnan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

757
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1280
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlating magnetoencephalography to stereo-electroencephalography in patients undergoing epilepsy surgery. <i>Brain</i> , 2016, 139, 2935-2947.	7.6	129
2	Voxel-based morphometric magnetic resonance imaging (<scp>MRI</scp>) postprocessing in <scp>MRI</scp>-negative epilepsies. <i>Annals of Neurology</i> , 2015, 77, 1060-1075.	5.3	128
3	Automated detection of focal cortical dysplasia type <scp>II</scp> with surface-based magnetic resonance imaging postprocessing and machine learning. <i>Epilepsia</i> , 2018, 59, 982-992.	5.1	88
4	Development of high-resolution 3D MR fingerprinting for detection and characterization of epileptic lesions. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1333-1346.	3.4	70
5	Value of 7T MRI and post-processing in patients with nonlesional 3T MRI undergoing epilepsy presurgical evaluation. <i>Epilepsia</i> , 2020, 61, 2509-2520.	5.1	63
6	Epilepsy and Neurodevelopmental Comorbidities in Tuberous Sclerosis Complex: A Natural History Study. <i>Pediatric Neurology</i> , 2020, 106, 10-16.	2.1	37
7	Insulo-opercular cortex generates oroalimentary automatisms in temporal seizures. <i>Epilepsia</i> , 2018, 59, 583-594.	5.1	33
8	Magnetoencephalography and ictal SPECT in patients with failed epilepsy surgery. <i>Clinical Neurophysiology</i> , 2018, 129, 1651-1657.	1.5	25
9	Increased caffeine intake leads to worsening of electrocorticographic epileptiform discharges as recorded with a responsive neurostimulation device. <i>Clinical Neurophysiology</i> , 2016, 127, 2341-2342.	1.5	24
10	New onset epilepsy among patients with periodic discharges on continuous electroencephalographic monitoring. <i>Epilepsia</i> , 2018, 59, 1612-1620.	5.1	23
11	Connectivity in ictal single photon emission computed tomography perfusion: a cortico-cortical evoked potential study. <i>Brain</i> , 2017, 140, 1872-1884.	7.6	22
12	A Novel Spatiotemporal Analysis of Peri-Ictal Spiking to Probe the Relation of Spikes and Seizures in Epilepsy. <i>Annals of Biomedical Engineering</i> , 2014, 42, 1606-1617.	2.5	19
13	Multimodal noninvasive evaluation in MRI-negative operculoinsular epilepsy. <i>Journal of Neurosurgery</i> , 2020, 132, 1334-1344.	1.6	17
14	Resetting of brain dynamics: epileptic versus psychogenic nonepileptic seizures. <i>Epilepsy and Behavior</i> , 2011, 22, S74-S81.	1.7	13
15	Automated MRI Volumetric Analysis in Patients with Rasmussen Syndrome. <i>American Journal of Neuroradiology</i> , 2016, 37, 2348-2355.	2.4	13
16	Small Lesion Size Is Associated with Sleep-Related Epilepsy in Focal Cortical Dysplasia Type II. <i>Frontiers in Neurology</i> , 2018, 9, 106.	2.4	13
17	Perisylvian vulnerability to postencephalitic epilepsy. <i>Clinical Neurophysiology</i> , 2020, 131, 1702-1710.	1.5	9
18	Interictal Infraslow Activity in Stereoelectroencephalography. <i>Journal of Clinical Neurophysiology</i> , 2016, 33, 141-148.	1.7	8

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19	Magnetoencephalographic Characteristics of Cortical Dysplasia in Children. <i>Pediatric Neurology</i> , 2018, 78, 13-19.	2.1	8
20	Neurovascular networks in epilepsy: Correlating ictal blood perfusion with intracranial electrophysiology. <i>NeuroImage</i> , 2021, 231, 117838.	4.2	6
21	The Efficacy, Safety, and Outcomes of Brainâ€™responsive Neurostimulation (RNSâ€™ System) therapy in older adults. <i>Epilepsia Open</i> , 2021, 6, 781-787.	2.4	5
22	Using magnetic resonance fingerprinting to characterize periventricular nodular heterotopias in pharmacoresistant epilepsy. <i>Epilepsia</i> , 2022, 63, 1225-1237.	5.1	4
23	Unexpected increase of seizures in a patient treated with responsive neurostimulation: Check the lead!. <i>Clinical Neurophysiology</i> , 2017, 128, 1821-1822.	1.5	0