Vasileios Kokkinos

List of Publications by Year
in descending order

51	1,438	516215 16	360668 35
papers	citations	h-index	g-index

56	56	56	2072
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. New England Journal of Medicine, 2017, 377, 1648-1656.	13.9	621
2	Association of Closed-Loop Brain Stimulation Neurophysiological Features With Seizure Control Among Patients With Focal Epilepsy. JAMA Neurology, 2019, 76, 800.	4.5	91
3	Closed-Loop Brain Stimulation for Drug-Resistant Epilepsy: Towards an Evidence-Based Approach to Personalized Medicine. Neurotherapeutics, 2019, 16, 119-127.	2.1	71
4	Epileptogenic Networks in Two Patients with Hypothalamic Hamartoma. Brain Topography, 2012, 25, 327-331.	0.8	44
5	Responsive Neurostimulation of the Thalamus Improves Seizure Control in Idiopathic Generalized Epilepsy: A Case Report. Neurosurgery, 2020, 87, E578-E583.	0.6	44
6	The sensitivity of ECG contamination to surgical implantation site in brain computer interfaces. Brain Stimulation, 2021, 14, 1301-1306.	0.7	43
7	Responsive neurostimulation of the thalamus improves seizure control in idiopathic generalised epilepsy: initial case series. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 491-498.	0.9	34
8	Focal and generalized EEG paroxysms in childhood absence epilepsy: Topographic associations and distinctive behaviors during the first cycle of nonâ€REM sleep. Epilepsia, 2012, 53, 840-849.	2.6	33
9	Human nonâ€rapid eye movement stage II sleep spindles are blocked upon spontaneous Kâ€complex coincidence and resume as higher frequency spindles afterwards. Journal of Sleep Research, 2011, 20, 57-72.	1.7	27
10	Role of single pulse electrical stimulation (SPES) to guide electrode implantation under general anaesthesia in presurgical assessment of epilepsy. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 198-204.	0.9	24
11	Robotic-Assisted Stereotaxy for Deep Brain Stimulation Lead Implantation in Awake Patients. Operative Neurosurgery, 2020, 19, 444-452.	0.4	24
12	Interictal SEEG Restingâ€State Connectivity Localizes the Seizure Onset Zone and Predicts Seizure Outcome. Advanced Science, 2022, 9, e2200887.	5.6	22
13	Semi-automatic sleep EEG scoring based on the hypnospectrogram. Journal of Neuroscience Methods, 2014, 221, 189-195.	1.3	21
14	An intra-K-complex oscillation with independent and labile frequency and topography in NREM sleep. Frontiers in Human Neuroscience, 2013, 7, 163.	1.0	20
15	A Rational Approach to Understanding and Evaluating Responsive Neurostimulation. Neuroinformatics, 2020, 18, 365-375.	1.5	20
16	Neuromodulation of Epilepsy Networks. Neurosurgery Clinics of North America, 2020, 31, 459-470.	0.8	19
17	The intracranial correlate of the 14&6/sec positive spikes normal scalp EEG variant. Clinical Neurophysiology, 2019, 130, 1570-1580.	0.7	18
18	Multifocal spatiotemporal distribution of interictal spikes in Panayiotopoulos syndrome. Clinical Neurophysiology, 2010, 121, 859-869.	0.7	16

#	Article	IF	Citations
19	Temporal lobe â€œplusâ€•epilepsy associated with oligodendroglial hyperplasia (MOGHE). Acta Neurologica Scandinavica, 2019, 140, 296-300.	1.0	16
20	Implementation and evaluation of simultaneous video-electroencephalography and functional magnetic resonance imaging. Magnetic Resonance Imaging, 2010, 28, 1192-1199.	1.0	15
21	Generalized spikeâ€“wave discharges and seizures with focal ictal transformation: Mechanisms in absence (CAE) and myoclonic (JME) IGEs. Epilepsia, 2009, 50, 2326-2329.	2.6	14
22	Thin isotropic FLAIR MR images at 1.5T increase the yield of focal cortical dysplasia transmantle sign detection in frontal lobe epilepsy. Epilepsy Research, 2017, 132, 1-7.	0.8	14
23	The hypnospectrogram: An EEG power spectrum based means to concurrently overview the macroscopic and microscopic architecture of human sleep. Journal of Neuroscience Methods, 2009, 185, 29-38.	1.3	13
24	Expert-Level Intracranial Electroencephalogram Ictal Pattern Detection by a Deep Learning Neural Network. Frontiers in Neurology, 2021, 12, 603868.	1.1	13
25	Spatiotemporal propagation patterns of generalized ictal spikes in childhood absence epilepsy. Clinical Neurophysiology, 2017, 128, 1553-1562.	0.7	12
26	Development and Validation of the 5-SENSE Score to Predict Focality of the Seizure-Onset Zone as Assessed by Stereoelectroencephalography. JAMA Neurology, 2022, 79, 70.	4.5	12
27	A hemodynamic network involving the insula, the cingulate, and the basal forebrain correlates with EEG synchronization phases of sleep instability. Sleep, 2019, 42, .	0.6	11
28	Ictal Onset Signatures Predict Favorable Outcomes of Laser Thermal Ablation for Mesial Temporal Lobe Epilepsy. Frontiers in Neurology, 2020, 11, 595454.	1.1	11
29	Connectivity Measures in EEG Microstructural Sleep Elements. Frontiers in Neuroinformatics, 2016, 10, 5.	1.3	10
30	An Acoustic-Based Smart Home System for People Suffering from Dementia. Technologies, 2019, 7, 29.	3.0	10
31	Hemispherotomy or Lobectomy? The Role of Presurgical Neuroimaging in a Young Case of a Large Porencephalic Cyst with Intractable Epilepsy. Pediatric Neurosurgery, 2011, 47, 204-209.	0.4	9
32	Spindle Power Is Not Affected after Spontaneous K-Complexes during Human NREM Sleep. PLoS ONE, 2013, 8, e54343.	1.1	9
33	The Hippocampal Barque: An Epileptiform but Non-epileptic Hippocampal Entity. Frontiers in Human Neuroscience, 2020, 14, 92.	1.0	8
34	Intracranial monitoring contributes to seizure freedom for temporal lobectomy patients with nonconcordant preoperative data. Epilepsia Open, 2022, 7, 36-45.	1.3	8
35	Responsive neurostimulation for focal motor status epilepticus. Annals of Clinical and Translational Neurology, 2021, 8, 1353-1361.	1.7	8
36	Spatiotemporal profiles of focal and generalised spikes in childhood absence epilepsy. Epileptic Disorders, 2013, 15, 14-26.	0.7	7

#	Article	IF	Citations
37	Quantifying a frequency modulation response biomarker in responsive neurostimulation. Journal of Neural Engineering, 2021, 18, 046017.	1.8	7
38	Surgical outcome in neocortical resections of type IIId focal cortical dysplasia with accompanying medial temporal pathology. Epilepsy & Behavior Case Reports, 2013, 1, 29-31.	1.5	5
39	Feasibility, Contrast Sensitivity and Network Specificity of Language fMRI in Presurgical Evaluation for Epilepsy and Brain Tumor Surgery. Brain Topography, 2021, 34, 511-524.	0.8	5
40	Extratemporal surface EEG features do not preclude successful surgical outcomes in drug-resistant epilepsy patients with unitemporal MRI lesions. Epileptic Disorders, 2012, 14, 275-289.	0.7	4
41	EEGâ€“fMRI findings in late seizure recurrence following temporal lobectomy: A possible contribution of area tempestas. Epilepsy & Behavior Case Reports, 2013, 1, 157-160.	1.5	3
42	Epilepsy Surgery: The Network Approach. Neurosurgery Clinics of North America, 2020, 31, i.	0.8	3
43	Hippocampal spindles and barques are normal intracranial electroencephalographic entities. Clinical Neurophysiology, 2021, 132, 3002-3009.	0.7	3
44	Interpretation of the Intracranial Stereoelectroencephalography Signal. Neurosurgery Clinics of North America, 2020, 31, 421-433.	0.8	3
45	Barques are generated in posterior hippocampus and phase reverse over lateral posterior hippocampal surface. Clinical Neurophysiology, 2022, 136, 150-157.	0.7	3
46	Limited resection of focal cortical dysplasia and associated epileptogenic cortex may lead to positive surgical outcome. Epileptic Disorders, 2011, 13, 422-429.	0.7	2
47	Low Power EEG Data Encoding for Brain Neurostimulation Implants. Information (Switzerland), 2022, 13, 194.	1.7	1
48	Design of Reconfigurable Fault-Tolerant Datapaths. , 2020, , .		0
49	Preface. Neurosurgery Clinics of North America, 2020, 31, xiii-xiv.	0.8	0
50	Extrapial Hippocampal Resection in Anterior Temporal Lobectomy: Technical Description and Clinical Outcomes in a 62-Patient Case Series. Operative Neurosurgery, 2021, 21, 312-323.	0.4	0
51	Low-Power Electroencephalographic Data Encoding System for Implantable Brain Stimulation Systems. , 2021, , .		0