

Vasileios Kokkinos

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,438
citations

516215

16
h-index

360668

35
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56
all docs

56
docs citations

56
times ranked

2072
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracranial monitoring contributes to seizure freedom for temporal lobectomy patients with nonconcordant preoperative data. <i>Epilepsia Open</i> , 2022, 7, 36-45.	1.3	8
2	Development and Validation of the 5-SENSE Score to Predict Focality of the Seizure-Onset Zone as Assessed by Stereoelectroencephalography. <i>JAMA Neurology</i> , 2022, 79, 70.	4.5	12
3	Barques are generated in posterior hippocampus and phase reverse over lateral posterior hippocampal surface. <i>Clinical Neurophysiology</i> , 2022, 136, 150-157.	0.7	3
4	Responsive neurostimulation of the thalamus improves seizure control in idiopathic generalised epilepsy: initial case series. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 491-498.	0.9	34
5	Low Power EEG Data Encoding for Brain Neurostimulation Implants. <i>Information (Switzerland)</i> , 2022, 13, 194.	1.7	1
6	Interictal SEEG Resting-State Connectivity Localizes the Seizure Onset Zone and Predicts Seizure Outcome. <i>Advanced Science</i> , 2022, 9, e2200887.	5.6	22
7	Quantifying a frequency modulation response biomarker in responsive neurostimulation. <i>Journal of Neural Engineering</i> , 2021, 18, 046017.	1.8	7
8	Feasibility, Contrast Sensitivity and Network Specificity of Language fMRI in Presurgical Evaluation for Epilepsy and Brain Tumor Surgery. <i>Brain Topography</i> , 2021, 34, 511-524.	0.8	5
9	Responsive neurostimulation for focal motor status epilepticus. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1353-1361.	1.7	8
10	Expert-Level Intracranial Electroencephalogram Ictal Pattern Detection by a Deep Learning Neural Network. <i>Frontiers in Neurology</i> , 2021, 12, 603868.	1.1	13
11	Extrapial Hippocampal Resection in Anterior Temporal Lobectomy: Technical Description and Clinical Outcomes in a 62-Patient Case Series. <i>Operative Neurosurgery</i> , 2021, 21, 312-323.	0.4	0
12	The sensitivity of ECG contamination to surgical implantation site in brain computer interfaces. <i>Brain Stimulation</i> , 2021, 14, 1301-1306.	0.7	43
13	Low-Power Electroencephalographic Data Encoding System for Implantable Brain Stimulation Systems. , 2021, , .		0
14	Hippocampal spindles and barques are normal intracranial electroencephalographic entities. <i>Clinical Neurophysiology</i> , 2021, 132, 3002-3009.	0.7	3
15	Ictal Onset Signatures Predict Favorable Outcomes of Laser Thermal Ablation for Mesial Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2020, 11, 595454.	1.1	11
16	Design of Reconfigurable Fault-Tolerant Datapaths. , 2020, , .		0
17	Preface. <i>Neurosurgery Clinics of North America</i> , 2020, 31, xiii-xiv.	0.8	0
18	Neuromodulation of Epilepsy Networks. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 459-470.	0.8	19

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19	Epilepsy Surgery: The Network Approach. <i>Neurosurgery Clinics of North America</i> , 2020, 31, i.	0.8	3
20	Robotic-Assisted Stereotaxy for Deep Brain Stimulation Lead Implantation in Awake Patients. <i>Operative Neurosurgery</i> , 2020, 19, 444-452.	0.4	24
21	Responsive Neurostimulation of the Thalamus Improves Seizure Control in Idiopathic Generalized Epilepsy: A Case Report. <i>Neurosurgery</i> , 2020, 87, E578-E583.	0.6	44
22	A Rational Approach to Understanding and Evaluating Responsive Neurostimulation. <i>Neuroinformatics</i> , 2020, 18, 365-375.	1.5	20
23	The Hippocampal Barque: An Epileptiform but Non-epileptic Hippocampal Entity. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 92.	1.0	8
24	Interpretation of the Intracranial Stereoelectroencephalography Signal. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 421-433.	0.8	3
25	Temporal lobe "plus" epilepsy associated with oligodendroglial hyperplasia (MOGHE). <i>Acta Neurologica Scandinavica</i> , 2019, 140, 296-300.	1.0	16
26	The intracranial correlate of the 14&6/sec positive spikes normal scalp EEG variant. <i>Clinical Neurophysiology</i> , 2019, 130, 1570-1580.	0.7	18
27	An Acoustic-Based Smart Home System for People Suffering from Dementia. <i>Technologies</i> , 2019, 7, 29.	3.0	10
28	Association of Closed-Loop Brain Stimulation Neurophysiological Features With Seizure Control Among Patients With Focal Epilepsy. <i>JAMA Neurology</i> , 2019, 76, 800.	4.5	91
29	A hemodynamic network involving the insula, the cingulate, and the basal forebrain correlates with EEG synchronization phases of sleep instability. <i>Sleep</i> , 2019, 42, .	0.6	11
30	Closed-Loop Brain Stimulation for Drug-Resistant Epilepsy: Towards an Evidence-Based Approach to Personalized Medicine. <i>Neurotherapeutics</i> , 2019, 16, 119-127.	2.1	71
31	Thin isotropic FLAIR MR images at 1.5T increase the yield of focal cortical dysplasia transmantle sign detection in frontal lobe epilepsy. <i>Epilepsy Research</i> , 2017, 132, 1-7.	0.8	14
32	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. <i>New England Journal of Medicine</i> , 2017, 377, 1648-1656.	13.9	621
33	Spatiotemporal propagation patterns of generalized ictal spikes in childhood absence epilepsy. <i>Clinical Neurophysiology</i> , 2017, 128, 1553-1562.	0.7	12
34	Connectivity Measures in EEG Microstructural Sleep Elements. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 5.	1.3	10
35	Semi-automatic sleep EEG scoring based on the hypnospectrogram. <i>Journal of Neuroscience Methods</i> , 2014, 221, 189-195.	1.3	21
36	Spatiotemporal profiles of focal and generalised spikes in childhood absence epilepsy. <i>Epileptic Disorders</i> , 2013, 15, 14-26.	0.7	7

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37	Surgical outcome in neocortical resections of type IIIc focal cortical dysplasia with accompanying medial temporal pathology. <i>Epilepsy & Behavior Case Reports</i> , 2013, 1, 29-31.	1.5	5
38	Role of single pulse electrical stimulation (SPES) to guide electrode implantation under general anaesthesia in presurgical assessment of epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013, 22, 198-204.	0.9	24
39	EEG-fMRI findings in late seizure recurrence following temporal lobectomy: A possible contribution of area tempestas. <i>Epilepsy & Behavior Case Reports</i> , 2013, 1, 157-160.	1.5	3
40	An intra-K-complex oscillation with independent and labile frequency and topography in NREM sleep. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 163.	1.0	20
41	Spindle Power Is Not Affected after Spontaneous K-Complexes during Human NREM Sleep. <i>PLoS ONE</i> , 2013, 8, e54343.	1.1	9
42	Extratemporal surface EEG features do not preclude successful surgical outcomes in drug-resistant epilepsy patients with unitemporal MRI lesions. <i>Epileptic Disorders</i> , 2012, 14, 275-289.	0.7	4
43	Epileptogenic Networks in Two Patients with Hypothalamic Hamartoma. <i>Brain Topography</i> , 2012, 25, 327-331.	0.8	44
44	Focal and generalized EEG paroxysms in childhood absence epilepsy: Topographic associations and distinctive behaviors during the first cycle of non-REM sleep. <i>Epilepsia</i> , 2012, 53, 840-849.	2.6	33
45	Human non-rapid eye movement stage II sleep spindles are blocked upon spontaneous K-complex coincidence and resume as higher frequency spindles afterwards. <i>Journal of Sleep Research</i> , 2011, 20, 57-72.	1.7	27
46	Limited resection of focal cortical dysplasia and associated epileptogenic cortex may lead to positive surgical outcome. <i>Epileptic Disorders</i> , 2011, 13, 422-429.	0.7	2
47	Hemispherotomy or Lobectomy? The Role of Presurgical Neuroimaging in a Young Case of a Large Porencephalic Cyst with Intractable Epilepsy. <i>Pediatric Neurosurgery</i> , 2011, 47, 204-209.	0.4	9
48	Implementation and evaluation of simultaneous video-electroencephalography and functional magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1192-1199.	1.0	15
49	Multifocal spatiotemporal distribution of interictal spikes in Panayiotopoulos syndrome. <i>Clinical Neurophysiology</i> , 2010, 121, 859-869.	0.7	16
50	Generalized spike-wave discharges and seizures with focal ictal transformation: Mechanisms in absence (CAE) and myoclonic (JME) IGEs. <i>Epilepsia</i> , 2009, 50, 2326-2329.	2.6	14
51	The hypnospectrogram: An EEG power spectrum based means to concurrently overview the macroscopic and microscopic architecture of human sleep. <i>Journal of Neuroscience Methods</i> , 2009, 185, 29-38.	1.3	13