

# Khalid Hamandi

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

3,633  
citations

172457

29  
h-index

144013

57  
g-index

87  
all docs

87  
docs citations

87  
times ranked

4357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408.	7.6	352
2	Temporal lobe interictal epileptic discharges affect cerebral activity in "default mode" brain regions. <i>Human Brain Mapping</i> , 2007, 28, 1023-1032.	3.6	281
3	Hemodynamic correlates of epileptiform discharges: An EEG-fMRI study of 63 patients with focal epilepsy. <i>Brain Research</i> , 2006, 1088, 148-166.	2.2	255
4	EEG-fMRI of idiopathic and secondarily generalized epilepsies. <i>NeuroImage</i> , 2006, 31, 1700-1710.	4.2	254
5	Linking Generalized Spike-and-Wave Discharges and Resting State Brain Activity by Using EEG-fMRI in a Patient with Absence Seizures. <i>Epilepsia</i> , 2006, 47, 444-448.	5.1	172
6	The effects of elevated endogenous GABA levels on movement-related network oscillations. <i>NeuroImage</i> , 2013, 66, 36-41.	4.2	148
7	Causal Hierarchy within the Thalamo-Cortical Network in Spike and Wave Discharges. <i>PLoS ONE</i> , 2009, 4, e6475.	2.5	141
8	Add-on Cannabidiol Treatment for Drug-Resistant Seizures in Tuberous Sclerosis Complex. <i>JAMA Neurology</i> , 2021, 78, 285.	9.0	139
9	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	7.6	123
10	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020, 6, .	10.3	97
11	BOLD and perfusion changes during epileptic generalised spike wave activity. <i>NeuroImage</i> , 2008, 39, 608-618.	4.2	95
12	Imaging seizure activity: A combined EEG/EMG-fMRI study in reading epilepsy. <i>Epilepsia</i> , 2009, 50, 256-264.	5.1	85
13	Screening for the $\beta$ 2-amyloid precursor protein mutation (APP717: Val $\rightarrow$ Ile) in extended pedigrees with early onset Alzheimer's disease. <i>Neuroscience Letters</i> , 1991, 129, 134-135.	2.1	84
14	EEG/Functional MRI in Epilepsy: The Queen Square Experience. <i>Journal of Clinical Neurophysiology</i> , 2004, 21, 241-248.	1.7	81
15	Pregabalin: A new antiepileptic drug for refractory epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2006, 15, 73-78.	2.0	77
16	Idiopathic focal epilepsies: the "lost tribe". <i>Epileptic Disorders</i> , 2016, 18, 252-288.	1.3	65
17	The properties of induced gamma oscillations in human visual cortex show individual variability in their dependence on stimulus size. <i>NeuroImage</i> , 2013, 68, 83-92.	4.2	58
18	Hyperconnectivity in juvenile myoclonic epilepsy: A network analysis. <i>NeuroImage: Clinical</i> , 2015, 7, 98-104.	2.7	56

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19	Modelling cardiac signal as a confound in EEG-fMRI and its application in focal epilepsy studies. <i>NeuroImage</i> , 2006, 30, 827-834.	4.2	54
20	Characteristics of 698 patients with dissociative seizures: A UK multicenter study. <i>Epilepsia</i> , 2019, 60, 2182-2193.	5.1	51
21	Analysis of EEG-fMRI data in focal epilepsy based on automated spike classification and Signal Space Projection. <i>NeuroImage</i> , 2006, 31, 1015-1024.	4.2	47
22	Understanding juvenile myoclonic epilepsy: Contributions from neuroimaging. <i>Epilepsy Research</i> , 2011, 94, 127-137.	1.6	47
23	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128.	3.6	47
24	EEG-fMRI mapping of asymmetrical delta activity in a patient with refractory epilepsy is concordant with the epileptogenic region determined by intracranial EEG. <i>Magnetic Resonance Imaging</i> , 2006, 24, 367-371.	1.8	45
25	The MR detection of neuronal depolarization during 3-Hz spike-and-wave complexes in generalized epilepsy. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1441-1444.	1.8	40
26	Evidence for increased visual gamma responses in photosensitive epilepsy. <i>Epilepsy Research</i> , 2014, 108, 1076-1086.	1.6	37
27	Epilepsy and seizures in young people with 22q11.2 deletion syndrome: Prevalence and links with other neurodevelopmental disorders. <i>Epilepsia</i> , 2019, 60, 818-829.	5.1	37
28	Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. <i>Epilepsia</i> , 2022, 63, 61-74.	5.1	36
29	fMRI temporal clustering analysis in patients with frequent interictal epileptiform discharges: Comparison with EEG-driven analysis. <i>NeuroImage</i> , 2005, 26, 309-316.	4.2	35
30	Elevating Endogenous GABA Levels with GAT-1 Blockade Modulates Evoked but Not Induced Responses in Human Visual Cortex. <i>Neuropsychopharmacology</i> , 2013, 38, 1105-1112.	5.4	35
31	Significant reductions in human visual gamma frequency by the gaba reuptake inhibitor tiagabine revealed by robust peak frequency estimation. <i>Human Brain Mapping</i> , 2016, 37, 3882-3896.	3.6	32
32	Complement system biomarkers in epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 60, 1-7.	2.0	32
33	Detecting microstructural deviations in individuals with deep diffusion MRI tractometry. <i>Nature Computational Science</i> , 2021, 1, 598-606.	8.0	30
34	An investigation of the relationship between BOLD and perfusion signal changes during epileptic generalised spike wave activity. <i>Magnetic Resonance Imaging</i> , 2008, 26, 870-873.	1.8	29
35	Current practice and recommendations in UK epilepsy monitoring units. Report of a national survey and workshop. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 50, 92-98.	2.0	29
36	Resting-state oscillatory dynamics in sensorimotor cortex in benign epilepsy with centrotemporal spikes and typical brain development. <i>Human Brain Mapping</i> , 2015, 36, 3935-3949.	3.6	27

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37	Neuropsychiatric Disease in Patients With Periventricular Heterotopia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2013, 25, 26-31.	1.8	24
38	Recurrence quantification analysis of dynamic brain networks. <i>European Journal of Neuroscience</i> , 2021, 53, 1040-1059.	2.6	22
39	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	22
40	Cingulate gyrus epilepsy. <i>Practical Neurology</i> , 2018, 18, 447-454.	1.1	21
41	Juvenile myoclonic epilepsy shows increased posterior theta, and reduced sensorimotor beta resting connectivity. <i>Epilepsy Research</i> , 2020, 163, 106324.	1.6	21
42	Trait impulsivity in Juvenile Myoclonic Epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 138-152.	3.7	21
43	Non-invasive brain mapping in epilepsy: Applications from magnetoencephalography. <i>Journal of Neuroscience Methods</i> , 2016, 260, 283-291.	2.5	20
44	Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. <i>Brain</i> , 2022, 145, 1285-1298.	7.6	18
45	Reduced movement-related beta desynchronisation in juvenile myoclonic epilepsy: A MEG study of task specific cortical modulation. <i>Clinical Neurophysiology</i> , 2011, 122, 2128-2138.	1.5	17
46	Sudden unexpected death in epilepsy in children: a focused review of incidence and risk factors. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1064-1070.	1.9	16
47	The effects of AMPA blockade on the spectral profile of human early visual cortex recordings studied with non-invasive MEG. <i>Cortex</i> , 2016, 81, 266-275.	2.4	14
48	The effects of AMPA receptor blockade on resting magnetoencephalography recordings. <i>Journal of Psychopharmacology</i> , 2017, 31, 1527-1536.	4.0	14
49	Energy landscape of resting magnetoencephalography reveals fronto-parietal network impairments in epilepsy. <i>Network Neuroscience</i> , 2020, 4, 374-396.	2.6	14
50	Benign childhood epilepsy with centrottemporal spikes (BECTS) and developmental co-ordination disorder. <i>Epilepsy and Behavior</i> , 2017, 72, 122-126.	1.7	13
51	The isolated fourth ventricle. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013008791-bcr2013008791.	0.5	11
52	Event-based modeling in temporal lobe epilepsy demonstrates progressive atrophy from cross-sectional data. <i>Epilepsia</i> , 2022, 63, 2081-2095.	5.1	11
53	Rarities in neurology: blue rubber bleb naevus syndrome. <i>Practical Neurology</i> , 2014, 14, 360-362.	1.1	10
54	Emergency contraception and stroke. <i>Journal of Neurology</i> , 2003, 250, 615-616.	3.6	9

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55	Tiagabine-induced stupor “ More evidence for an encephalopathy. <i>Epilepsy and Behavior</i> , 2014, 31, 196-197.	1.7	9
56	Multicentric oligodendroglioma: Case report and review of the literature. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013, 22, 480-482.	2.0	8
57	A computational biomarker of juvenile myoclonic epilepsy from resting-state MEG. <i>Clinical Neurophysiology</i> , 2021, 132, 922-927.	1.5	8
58	Translation of genetic findings to clinical practice in juvenile myoclonic epilepsy. <i>Epilepsy and Behavior</i> , 2013, 26, 241-246.	1.7	6
59	Ipsilateral cortical motor desynchronisation is reduced in Benign Epilepsy with Centro-Temporal Spikes. <i>Clinical Neurophysiology</i> , 2016, 127, 1147-1156.	1.5	5
60	Transport and Referral of Medical Inpatients in Blantyre, Malawi. <i>Tropical Doctor</i> , 1995, 25, 93-94.	0.5	4
61	Cost-effectiveness of pregabalin: a UK perspective. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2007, 7, 327-333.	1.4	4
62	VGKC-complex antibody encephalitis. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2014, 107, 657-659.	0.5	4
63	An evaluation of the effectiveness of perampanel in people with epilepsy who have previously undergone resective surgery and/or implantation of a vagal nerve stimulator. <i>Epilepsy and Behavior</i> , 2021, 116, 107738.	1.7	3
64	Multi-modal imaging and photosensitive epilepsy: a link between resting brain rhythms and seizure genesis. <i>Brain</i> , 2017, 140, 859-862.	7.6	2
65	Tiagabine induced modulation of oscillatory connectivity and activity match PET-derived, canonical GABA-A receptor distributions. <i>European Neuropsychopharmacology</i> , 2021, 50, 34-45.	0.7	2
66	Retinotopic fMRI and tumour resection in a case with occipital lobe epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 41, 175-178.	2.0	1
67	The psychiatric risks of temporal epilepsy surgery. What should patients be told?. <i>Epilepsy and Behavior</i> , 2018, 78, 315.	1.7	1
68	Cortical oscillations as seizure markers in photosensitive epilepsy. <i>Clinical Medicine</i> , 2019, 19, 85-85.	1.9	1
69	Long-term outcomes after epilepsy surgery, a retrospective cohort study linking patient-reported outcomes and routine healthcare data. <i>Epilepsy and Behavior</i> , 2020, 111, 107196.	1.7	1
70	P17-T Hippocampal sclerosis (HS) with frontal lobe seizure semiology. Case presentation. <i>Clinical Neurophysiology</i> , 2019, 130, e43.	1.5	0
71	Late diagnosis of hypophosphatasia in a case with Unverricht-Lundborg disease. <i>Annals of Clinical Biochemistry</i> , 2019, 56, 515-518.	1.6	0
72	Chronic inflammatory demyelinating polyneuropathy: a rare cause of falls. <i>BMJ Case Reports</i> , 2019, 12, e231676.	0.5	0

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73	Response to letter to editor: "Knowing when and how to use epilepsy screening questionnaires", <i>Epilepsia</i> , 2020, 61, 826-827.	5.1	0
74	Cortical oscillations as seizure markers in photosensitive epilepsy. <i>Clinical Medicine</i> , 2019, 19, s85-s85.	1.9	0
75	Key developments in neurology. <i>Practitioner</i> , 2003, 247, 11-5, 17.	0.3	0
76	Lessons from the video-EEG telemetry unit. <i>Practical Neurology</i> , 2022, 22, 301-310.	1.1	0