

Erik C Brown

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

832
citations

471509

17
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

711
citing authors

#	ARTICLE	IF	CITATIONS
1	Three- and four-dimensional mapping of speech and language in patients with epilepsy. <i>Brain</i> , 2017, 140, 1351-1370.	7.6	109
2	In vivo animation of auditory-language-induced gamma-oscillations in children with intractable focal epilepsy. <i>NeuroImage</i> , 2008, 41, 1120-1131.	4.2	80
3	Clinical significance and developmental changes of auditory-language-related gamma activity. <i>Clinical Neurophysiology</i> , 2013, 124, 857-869.	1.5	61
4	Gamma-oscillations modulated by picture naming and word reading: Intracranial recording in epileptic patients. <i>Clinical Neurophysiology</i> , 2011, 122, 1929-1942.	1.5	58
5	Multimodality language mapping in patients with left-hemispheric language dominance on Wada test. <i>Clinical Neurophysiology</i> , 2012, 123, 1917-1924.	1.5	51
6	Human brain mapping with multithousand-channel PtNRGrids resolves spatiotemporal dynamics. <i>Science Translational Medicine</i> , 2022, 14, eabj1441.	12.4	46
7	How to establish causality in epilepsy surgery. <i>Brain and Development</i> , 2013, 35, 706-720.	1.1	41
8	Four-dimensional functional cortical maps of visual and auditory language: Intracranial recording. <i>Epilepsia</i> , 2019, 60, 255-267.	5.1	39
9	Gamma activity modulated by picture and auditory naming tasks: Intracranial recording in patients with focal epilepsy. <i>Clinical Neurophysiology</i> , 2013, 124, 1737-1744.	1.5	38
10	Human occipital cortices differentially exert saccadic suppression: Intracranial recording in children. <i>NeuroImage</i> , 2013, 83, 224-236.	4.2	35
11	Brain network dynamics in the human articulatory loop. <i>Clinical Neurophysiology</i> , 2017, 128, 1473-1487.	1.5	29
12	Evaluating reverse speech as a control task with language-related gamma activity on electrocorticography. <i>NeuroImage</i> , 2012, 60, 2335-2345.	4.2	28
13	Evaluating the arcuate fasciculus with combined diffusion-weighted MRI tractography and electrocorticography. <i>Human Brain Mapping</i> , 2014, 35, 2333-2347.	3.6	27
14	Spatio-temporal dynamics of working memory maintenance and scanning of verbal information. <i>Clinical Neurophysiology</i> , 2017, 128, 882-891.	1.5	26
15	Neural dynamics of verbal working memory in auditory description naming. <i>Scientific Reports</i> , 2018, 8, 15868.	3.3	25
16	Cooing- and babbling-related gamma-oscillations during infancy: Intracranial recording. <i>Epilepsy and Behavior</i> , 2012, 23, 494-496.	1.7	20
17	Electrocorticographic correlates of overt articulation of 44 English phonemes: Intracranial recording in children with focal epilepsy. <i>Clinical Neurophysiology</i> , 2014, 125, 1129-1137.	1.5	19
18	Automatic detection of primary motor areas using diffusion MRI tractography: Comparison with functional MRI and electrical stimulation mapping. <i>Epilepsia</i> , 2013, 54, 1381-1390.	5.1	18

#	ARTICLE	IF	CITATIONS
19	Gamma activity modulated by naming of ambiguous and unambiguous images: Intracranial recording. <i>Clinical Neurophysiology</i> , 2015, 126, 17-26.	1.5	13
20	Mapping mental calculation systems with electrocorticography. <i>Clinical Neurophysiology</i> , 2015, 126, 39-46.	1.5	12
21	Evaluating signal-correlated noise as a control task with language-related gamma activity on electrocorticography. <i>Clinical Neurophysiology</i> , 2014, 125, 1312-1323.	1.5	11
22	Minimally invasive endoscopic repair of refractory lateral skull base cerebrospinal fluid rhinorrhea: case report and review of the literature. <i>Neurosurgical Focus</i> , 2018, 44, E8.	2.3	11
23	Four-dimensional map of the human early visual system. <i>Clinical Neurophysiology</i> , 2018, 129, 188-197.	1.5	11
24	The transient effect of interictal spikes from a frontal focus on language-related gamma activity. <i>Epilepsy and Behavior</i> , 2012, 24, 497-502.	1.7	9
25	Animal category-preferential gamma-band responses in the lower- and higher-order visual areas: Intracranial recording in children. <i>Clinical Neurophysiology</i> , 2013, 124, 2368-2377.	1.5	9
26	Surgical Parameters for Minimally Invasive Transâ€Eustachian Tube CSF Leak Repair: A Cadaveric Study and Literature Review. <i>World Neurosurgery</i> , 2019, 122, e121-e129.	1.3	5
27	Speech-related auditory salience detection in the posterior superior temporal region. <i>NeuroImage</i> , 2022, 248, 118840.	4.2	1
28	Intraoperative Functional Cortical Localization. , 2019, , 101-107.		0