

William H Theodore

List of Publications by Year in descending order

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Version: 2024-02-01

135
papers

9,243
citations

28274

55
h-index

43889

91
g-index

136
all docs

136
docs citations

136
times ranked

8416
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical characteristics and outcomes after new-onset seizure among Zambian children with HIV during the antiretroviral therapy era. <i>Epilepsia Open</i> , 2022, 7, 315-324.	2.4	5
2	Identification of clinically relevant biomarkers of epileptogenesis – a strategic roadmap. <i>Nature Reviews Neurology</i> , 2021, 17, 231-242.	10.1	54
3	Epilepsy in the Hippocratic collection: Seizures and syndromes. <i>Epilepsy and Behavior</i> , 2021, 115, 107704.	1.7	2
4	Human herpesvirus 6 and epilepsy. <i>Epilepsia Open</i> , 2021, 6, 777-780.	2.4	5
5	Safety and Efficacy of Natalizumab as Adjunctive Therapy for People With Drug-Resistant Epilepsy. <i>Neurology</i> , 2021, 97, e1757-e1767.	1.1	15
6	Imaging Evaluation of Epilepsy: Functional and Structural Approaches. , 2021, , 983-1005.		0
7	Prospective validation study of an epilepsy seizure risk system for outpatient evaluation. <i>Epilepsia</i> , 2020, 61, 29-38.	5.1	20
8	Evaluating the impact of antiretroviral and antiseizure medication interactions on treatment effectiveness among outpatient clinic attendees with HIV in Zambia. <i>Epilepsia</i> , 2020, 61, 2705-2711.	5.1	1
9	HHV-6 and hippocampal volume in patients with mesial temporal sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1674-1680.	3.7	6
10	Language lateralization from task-based and resting state functional MRI in patients with epilepsy. <i>Human Brain Mapping</i> , 2020, 41, 3133-3146.	3.6	19
11	Individualizing the definition of seizure clusters based on temporal clustering analysis. <i>Epilepsy Research</i> , 2020, 163, 106330.	1.6	21
12	Response to commentary on recommendations for the use of structural MRI in the care of patients with epilepsy: A consensus report from the ILAE Neuroimaging Task Force. <i>Epilepsia</i> , 2019, 60, 2143-2144.	5.1	74
13	Recommendations for the use of structural magnetic resonance imaging in the care of patients with epilepsy: A consensus report from the International League Against Epilepsy Neuroimaging Task Force. <i>Epilepsia</i> , 2019, 60, 1054-1068.	5.1	184
14	Neuroinflammation in neocortical epilepsy measured by PET imaging of translocator protein. <i>Epilepsia</i> , 2019, 60, 1248-1254.	5.1	44
15	Infection with HHV-6 and its role in epilepsy. <i>Epilepsy Research</i> , 2019, 153, 34-39.	1.6	23
16	fMRI prediction of naming change after adult temporal lobe epilepsy surgery: Activation matters. <i>Epilepsia</i> , 2019, 60, 527-538.	5.1	26
17	Functional MRI and direct cortical stimulation: Prediction of postoperative language decline. <i>Epilepsia</i> , 2019, 60, 560-570.	5.1	22
18	Convection-Enhanced Delivery of Muscimol in Patients with Drug-Resistant Epilepsy. <i>Neurosurgery</i> , 2019, 85, E4-E15.	1.1	19

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19	Imaging Comorbidities in Epilepsy: Depression. , 2019, , 207-216.		0
20	Different as night and day: Patterns of isolated seizures, clusters, and status epilepticus. <i>Epilepsia</i> , 2018, 59, e73-e77.	5.1	18
21	Is seizure frequency variance a predictable quantity?. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 201-207.	3.7	33
22	Characteristics of large patient-reported outcomes: Where can one million seizures get us?. <i>Epilepsia Open</i> , 2018, 3, 364-373.	2.4	46
23	Circadian and circaseptan rhythms in human epilepsy: a retrospective cohort study. <i>Lancet Neurology</i> , The, 2018, 17, 977-985.	10.2	180
24	The expression of inflammatory markers and their potential influence on efflux transporters in drug-resistant mesial temporal lobe epilepsy tissue. <i>Epilepsia</i> , 2018, 59, 1507-1517.	5.1	46
25	Generic antiepileptic drugsâ€”Safe or harmful in patients with epilepsy?. <i>Epilepsia</i> , 2018, 59, 1273-1281.	5.1	29
26	Practice guideline summary: Use of fMRI in the presurgical evaluation of patients with epilepsy. <i>Neurology</i> , 2017, 88, 395-402.	1.1	188
27	Language functional MRI and direct cortical stimulation in epilepsy preoperative planning. <i>Annals of Neurology</i> , 2017, 81, 526-537.	5.3	45
28	A big data approach to the development of mixed-effects models for seizure count data. <i>Epilepsia</i> , 2017, 58, 835-844.	5.1	26
29	New-onset seizure in HIV-infected adult Zambians. <i>Neurology</i> , 2017, 88, 477-482.	1.1	19
30	Neuroinflammation imaging markers for epileptogenesis. <i>Epilepsia</i> , 2017, 58, 11-19.	5.1	41
31	Does accounting for seizure frequency variability increase clinical trial power?. <i>Epilepsy Research</i> , 2017, 137, 145-151.	1.6	22
32	A multi-dataset time-reversal approach to clinical trial placebo response and the relationship to natural variability in epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 53, 31-36.	2.0	16
33	Long-term monitoring of cardiorespiratory patterns in drug-resistant epilepsy. <i>Epilepsia</i> , 2017, 58, 77-84.	5.1	43
34	Presurgical Focus Localization in Epilepsy: PET and SPECT. <i>Seminars in Nuclear Medicine</i> , 2017, 47, 44-53.	4.6	36
35	18F-FCWAY, a serotonin 1A receptor radioligand, is a substrate for efflux transport at the human blood-brain barrier. <i>NeuroImage</i> , 2016, 138, 134-140.	4.2	10
36	Age-dependent mesial temporal lobe lateralization in language <sc>fMRI</sc>. <i>Epilepsia</i> , 2016, 57, 122-130.	5.1	30

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37	Neuroimaging of epilepsy. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2016, 136, 985-1014.	1.8	120
38	Confusing placebo effect with natural history in epilepsy: A big data approach. Annals of Neurology, 2015, 78, 329-336.	5.3	53
39	Neurocysticercosis: A natural human model of epileptogenesis. Epilepsia, 2015, 56, 177-183.	5.1	64
40	The Relationship between Glucose Metabolism, Resting-State fMRI BOLD Signal, and GABA _A -Binding Potential: A Preliminary Study in Healthy Subjects and Those with Temporal Lobe Epilepsy. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 583-591.	4.3	104
41	Inherited disorders of gamma-aminobutyric acid metabolism and advances in ALDH5A1 mutation identification. Developmental Medicine and Child Neurology, 2015, 57, 611-617.	2.1	44
42	Neuroinflammation in Temporal Lobe Epilepsy Measured Using Positron Emission Tomographic Imaging of Translocator Protein. JAMA Neurology, 2015, 72, 882.	9.0	126
43	Acute EEG findings in HIV-infected Zambian adults with new-onset seizure. Neurology, 2015, 84, 1317-1322.	1.1	16
44	Cognitive Impairment and Psychiatric Morbidity in HIV+ Zambians with New-Onset Seizure. American Journal of Tropical Medicine and Hygiene, 2014, 91, 1254-1258.	1.4	6
45	Characterization of atypical language activation patterns in focal epilepsy. Annals of Neurology, 2014, 75, 33-42.	5.3	126
46	Automated versus manual hippocampal segmentation in preoperative and postoperative patients with epilepsy. Epilepsia, 2014, 55, 1374-1379.	5.1	14
47	Thirty years beyond discovery—Clinical trials in succinic semialdehyde dehydrogenase deficiency, a disorder of GABA metabolism. Journal of Inherited Metabolic Disease, 2013, 36, 401-410.	3.6	53
48	The 5-HT _{1A} receptor and 5-HT transporter in temporal lobe epilepsy. Neurology, 2013, 80, 1465-1471.	1.1	43
49	Increased In Vivo Expression of an Inflammatory Marker in Temporal Lobe Epilepsy. Journal of Nuclear Medicine, 2012, 53, 234-240.	5.0	90
50	PET of Serotonin 1A Receptors and Cerebral Glucose Metabolism for Temporal Lobectomy. Journal of Nuclear Medicine, 2012, 53, 1375-1382.	5.0	19
51	Epilepsy diagnosis. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 107, 409-424.	1.8	14
52	Serotonin 1A receptors, depression, and memory in temporal lobe epilepsy. Epilepsia, 2012, 53, 129-133.	5.1	49
53	The effect of seizure focus on regional language processing areas. Epilepsia, 2012, 53, 1044-1050.	5.1	21
54	An estimate of placebo effect of repetitive transcranial magnetic stimulation in epilepsy. Epilepsy and Behavior, 2011, 20, 355-359.	1.7	58

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55	Bilateral hippocampal atrophy in temporal lobe epilepsy: Effect of depressive symptoms and febrile seizures. <i>Epilepsia</i> , 2011, 52, 689-697.	5.1	39
56	Immune-mediated epilepsies. <i>Epilepsia</i> , 2011, 52, 5-11.	5.1	76
57	Standards for epidemiologic studies and surveillance of epilepsy. <i>Epilepsia</i> , 2011, 52, 2-26.	5.1	836
58	Epilepsy imaging study guideline criteria: Commentary on diagnostic testing study guidelines and practice parameters. <i>Epilepsia</i> , 2011, 52, 1750-1756.	5.1	89
59	Epilepsy in succinic semialdehyde dehydrogenase deficiency, a disorder of GABA metabolism. <i>Brain and Development</i> , 2011, 33, 796-805.	1.1	56
60	Contributions to singing ability by the posterior portion of the superior temporal gyrus of the non-language-dominant hemisphere: First evidence from subdural cortical stimulation, Wada testing, and fMRI. <i>Cortex</i> , 2010, 46, 343-353.	2.4	26
61	Treatment strategies in the postictal state. <i>Epilepsy and Behavior</i> , 2010, 19, 188-190.	1.7	31
62	The postictal state: Effects of age and underlying brain dysfunction. <i>Epilepsy and Behavior</i> , 2010, 19, 118-120.	1.7	41
63	Using Cerebral White Matter for Estimation of Nondisplaceable Binding of 5-HT _{1A} Receptors in Temporal Lobe Epilepsy. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1794-1800.	5.0	11
64	¹⁸ F-FWAY and ¹⁸ F-FDG PET in MRI-negative temporal lobe epilepsy. <i>Epilepsia</i> , 2009, 50, 234-239.	5.1	61
65	Temporal lobe epilepsy, depression, and hippocampal volume. <i>Epilepsia</i> , 2009, 50, 1067-1071.	5.1	62
66	Disparities in epilepsy: Report of a systematic review by the North American Commission of the International League Against Epilepsy. <i>Epilepsia</i> , 2009, 50, 2285-2295.	5.1	136
67	Temporal lobectomy: Resection volume, neuropsychological effects, and seizure outcome. <i>Epilepsy and Behavior</i> , 2009, 16, 311-314.	1.7	31
68	Assessment of the attention impairment in absence epilepsy: Comparison of visual and auditory P300. <i>International Journal of Psychophysiology</i> , 2009, 73, 118-122.	1.0	29
69	Hippocampal Volume and Glucose Metabolism in Temporal Lobe Epileptic Foci. <i>Epilepsia</i> , 2008, 42, 130-132.	5.1	53
70	Usefulness of pulsed arterial spin labeling MR imaging in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2008, 82, 183-189.	1.6	73
71	Human herpes virus 6B: A possible role in epilepsy?. <i>Epilepsia</i> , 2008, 49, 1828-1837.	5.1	105
72	Association of Human Herpesvirus-6B with Mesial Temporal Lobe Epilepsy. <i>PLoS Medicine</i> , 2007, 4, e180.	8.4	123

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73	5-HT1A Receptor Binding in Temporal Lobe Epilepsy Patients With and Without Major Depression. <i>Biological Psychiatry</i> , 2007, 62, 1258-1264.	1.3	127
74	Reduced Hippocampal 5HT1A PET Receptor Binding and Depression in Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2007, 48, 1526-1530.	5.1	94
75	Cerebral blood flow in temporal lobe epilepsy: a partial volume correction study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 2066-2072.	6.4	6
76	Epilepsy in North America: A Report Prepared under the Auspices of the Global Campaign against Epilepsy, the International Bureau for Epilepsy, the International League Against Epilepsy, and the World Health Organization. <i>Epilepsia</i> , 2006, 47, 1700-1722.	5.1	180
77	The Effect of Antiepileptic Drugs on 5-HT1A-Receptor Binding Measured by Positron Emission Tomography. <i>Epilepsia</i> , 2006, 47, 499-503.	5.1	57
78	If not pharmacology, maybe physics. <i>Neurology</i> , 2006, 66, 1468-1469.	1.1	8
79	Hypothalamic Hamartomas and Seizures: Distinct Natural History of Isolated and Pallister-Hall Syndrome Cases. <i>Epilepsia</i> , 2005, 46, 42-47.	5.1	62
80	Brain stimulation for epilepsy. <i>Nature Clinical Practice Neurology</i> , 2005, 1, 64-65.	2.5	12
81	5-HT 1A receptors are reduced in temporal lobe epilepsy after partial-volume correction. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1128-35.	5.0	92
82	Efficacy and Tolerability of the New Antiepileptic Drugs, I: Treatment of New-Onset Epilepsy: Report of the TTA and QSS Subcommittees of the American Academy of Neurology and the American Epilepsy Society. <i>Epilepsia</i> , 2004, 45, 401-409.	5.1	123
83	Epilepsy Duration, Febrile Seizures, and Cerebral Glucose Metabolism. <i>Epilepsia</i> , 2004, 45, 276-279.	5.1	42
84	Brain stimulation for epilepsy. <i>Lancet Neurology</i> , The, 2004, 3, 111-118.	10.2	372
85	Epilepsy and Depression: Imaging Potential Common Factors. <i>Clinical EEG and Neuroscience</i> , 2004, 35, 38-45.	1.7	7
86	Implications of neuroimaging for the treatment of epilepsy. <i>Annals of Neurology</i> , 2003, 53, 286-288.	5.3	3
87	Does Serotonin Play a Role in Epilepsy?. <i>Epilepsy Currents</i> , 2003, 3, 173-177.	0.8	62
88	Transcranial Magnetic Stimulation in Epilepsy. <i>Epilepsy Currents</i> , 2003, 3, 191-197.	0.8	66
89	New PET tracers. <i>Handbook of Clinical Neurophysiology</i> , 2003, 3, 531-538.	0.0	0
90	A Korean Kindred With Autosomal Dominant Nocturnal Frontal Lobe Epilepsy and Mental Retardation. <i>Archives of Neurology</i> , 2003, 60, 1625.	4.5	79

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91	Total Cerebral Volume Is Reduced in Patients With Localization-Related Epilepsy and a History of Complex Febrile Seizures. <i>Archives of Neurology</i> , 2003, 60, 250.	4.5	38
92	Neuroimaging and the progression of epilepsy. <i>Progress in Brain Research</i> , 2002, 135, 305-313.	1.4	26
93	When is positron emission tomography really necessary in epilepsy diagnosis?. <i>Current Opinion in Neurology</i> , 2002, 15, 191-195.	3.6	11
94	Neuroimaging reveals automatic speech coding during perception of written word meaning. <i>NeuroImage</i> , 2002, 17, 859-70.	4.2	8
95	Lack of effect of St John's Wort on carbamazepine pharmacokinetics in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 2000, 68, 605-612.	4.7	98
96	Mapping Language in Epilepsy with Functional Imaging. <i>Neuroscientist</i> , 2000, 6, 390-400.	3.5	13
97	Postoperative Changes in Cerebral Metabolism in Temporal Lobe Epilepsy. <i>Archives of Neurology</i> , 2000, 57, 1447-52.	4.5	73
98	Epilepsy in Latin America and the Caribbean: a survey on needs and resources. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 1999, 6, 342-345.	1.1	13
99	Extratemporal atrophy in patients with complex partial seizures of left temporal origin. <i>Annals of Neurology</i> , 1998, 43, 41-45.	5.3	154
100	The Role of the Temporal Lobes in Recognizing Visuospatial Materials: Remembering versus Knowing. <i>Brain and Cognition</i> , 1997, 35, 5-25.	1.8	68
101	FDG-Positron Emission Tomography and Invasive EEG: Seizure Focus Detection and Surgical Outcome. <i>Epilepsia</i> , 1997, 38, 81-86.	5.1	119
102	Functional Mapping of Human Learning: A Positron Emission Tomography Activation Study of Eyeblink Conditioning. <i>Journal of Neuroscience</i> , 1996, 16, 4032-4040.	3.6	210
103	Cortical Stimulation Elicits Regional Distinctions in Auditory and Visual Naming. <i>Epilepsia</i> , 1996, 37, 245-252.	5.1	92
104	Effect of Valproate on Cerebral Metabolism and Blood Flow: An 18F-2-Deoxyglucose and 15O Water Positron Emission Tomography Study. <i>Epilepsia</i> , 1996, 37, 515-521.	5.1	110
105	Felbamate Monotherapy: Implications for Antiepileptic Drug Development. <i>Epilepsia</i> , 1995, 36, 1105-1110.	5.1	44
106	Regional cerebral blood flow during object naming and word reading. <i>Human Brain Mapping</i> , 1995, 3, 93-106.	3.6	367
107	MRI-based hippocampal volumetrics: Data acquisition, normal ranges, and optimal protocol. <i>Magnetic Resonance Imaging</i> , 1995, 13, 1057-1064.	1.8	157
108	Clinical applications: MRI, SPECT, and PET. <i>Magnetic Resonance Imaging</i> , 1995, 13, 1119-1124.	1.8	99

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109	Memory and intelligence in lateralized temporal lobe epilepsy and schizophrenia. <i>Schizophrenia Research</i> , 1995, 17, 59-65.	2.0	29
110	Interictal Autonomic Nervous System Function in Patients with Epilepsy. <i>Epilepsia</i> , 1994, 35, 199-204.	5.1	107
111	Neuropsychological profiles in bipolar affective disorder and complex partial seizure disorder.. <i>Neuropsychology</i> , 1994, 8, 55-64.	1.3	33
112	Interictal Aggression in Epilepsy: The Buss-Durkee Hostility Inventory. <i>Epilepsia</i> , 1994, 35, 585-590.	5.1	59
113	Cerebrospinal Fluid Levels of Neuropeptides, Cortisol, and Amino Acids in Patients with Epilepsy. <i>Epilepsia</i> , 1993, 34, 255-261.	5.1	23
114	Cerebrospinal Fluid and Serum Levels of DOPA, Catechols, and Monoamine Metabolites in Patients with Epilepsy. <i>Epilepsia</i> , 1992, 33, 263-270.	5.1	38
115	PET imaging of opiate receptor binding in human epilepsy using [18F]cyclofoxy. <i>Epilepsy Research</i> , 1992, 13, 129-139.	1.6	68
116	Comparison of PET measurements of cerebral blood flow and glucose metabolism for the localization of human epileptic foci. <i>Epilepsy Research</i> , 1992, 13, 153-157.	1.6	61
117	Temporal lobectomy for uncontrolled seizures: The role of positron emission tomography. <i>Annals of Neurology</i> , 1992, 32, 789-794.	5.3	207
118	Seizure Frequency in Intractable Partial Epilepsy: A Statistical Analysis. <i>Epilepsia</i> , 1991, 32, 642-649.	5.1	66
119	Effect of Valproate on Human Cerebral Glucose Metabolism. <i>Epilepsia</i> , 1991, 32, 417-422.	5.1	94
120	Felbamate: A Clinical Trial for Complex Partial Seizures. <i>Epilepsia</i> , 1991, 32, 392-397.	5.1	112
121	Effect of Felbamate on Plasma Levels of Carbamazepine and Its Metabolites. <i>Epilepsia</i> , 1991, 32, 130-132.	5.1	76
122	The effect of carbamazepine on cerebral glucose metabolism. <i>Annals of Neurology</i> , 1989, 25, 516-520.	5.3	97
123	Cerebrospinal fluid pleocytosis following simple, complex partial, and generalized tonic-clonic seizures. <i>Annals of Neurology</i> , 1988, 23, 402-403.	5.3	37
124	Effect of barbiturate coma on glucose utilization in normal brain versus gliomas. <i>Journal of Neurosurgery</i> , 1987, 67, 71-75.	1.6	45
125	Complex Partial Seizures: Cerebellar Metabolism. <i>Epilepsia</i> , 1987, 28, 319-323.	5.1	49
126	Cerebral glucose metabolism in the Lennox-Gastaut syndrome. <i>Annals of Neurology</i> , 1987, 21, 14-21.	5.3	69

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127	Complex Partial Seizures: Cerebral Structure and Cerebral Function. <i>Epilepsia</i> , 1986, 27, 576-582.	5.1	39
128	Epilepsy and cerebellar hypometabolism. <i>Annals of Neurology</i> , 1986, 20, 649-649.	5.3	7
129	Effect of Phenytoin on Human Cerebral Glucose Metabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1986, 6, 315-320.	4.3	69
130	MR Imaging and Positron Emission Tomography of Cortical Heterotopia. <i>Journal of Computer Assisted Tomography</i> , 1985, 9, 1137-1139.	0.9	40
131	The clinical value of free phenytoin levels. <i>Annals of Neurology</i> , 1985, 18, 90-93.	5.3	28
132	Transient Sensory, Cognitive and Affective Phenomena in Affective Illness. <i>British Journal of Psychiatry</i> , 1985, 146, 81-89.	2.8	84
133	{18F}fluorodeoxyglucose positron emission tomography in refractory complex partial seizures. <i>Annals of Neurology</i> , 1983, 14, 429-437.	5.3	239
134	Intractable Seizures: Longâ€Term Followâ€up After Prolonged Inpatient Treatment in an Epilepsy Unit. <i>Epilepsia</i> , 1983, 24, 336-343.	5.1	16
135	Mechanism of valproate-phenobarbital interaction in epileptic patients. <i>Clinical Pharmacology and Therapeutics</i> , 1981, 29, 480-486.	4.7	93