

# Tore Eid

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2020613/publications.pdf>

Version: 2024-02-01

81  
papers

3,417  
citations

159585

30  
h-index

144013

57  
g-index

82  
all docs

82  
docs citations

82  
times ranked

4370  
citing authors

#	ARTICLE	IF	CITATIONS
1	Threshold for the pleasurable effects of nicotine are lower than its reinforcing effects during self-administration.. <i>Experimental and Clinical Psychopharmacology</i> , 2023, 31, 37-45.	1.8	0
2	Transforming Glia to Neurons Effectively Treats Temporal Lobe Seizures. <i>Epilepsy Currents</i> , 2022, 22, 130-131.	0.8	1
3	Harnessing Metabolomics to Advance Epilepsy Research. <i>Epilepsy Currents</i> , 2022, 22, 123-129.	0.8	2
4	Impact of delivery rate on the acute response to intravenous nicotine: A human laboratory study with implications for regulatory science. <i>Addiction Biology</i> , 2022, 27, e13161.	2.6	3
5	Plasma Menthol Glucuronide as a Biomarker for the Behavioral Effects of Menthol and Nicotine in Humans. <i>Frontiers in Pharmacology</i> , 2022, 13, 844824.	3.5	0
6	Gene expression in the epileptic (EL) mouse hippocampus. <i>Neurobiology of Disease</i> , 2021, 147, 105152.	4.4	17
7	Ticktockâ€”What Is the Seizure Driving Clock?. <i>Epilepsy Currents</i> , 2021, 21, 122-123.	0.8	0
8	Network-Related Changes in Neurotransmitters and Seizure Propagation During Rodent Epileptogenesis. <i>Neurology</i> , 2021, 96, e2261-e2271.	1.1	11
9	Threshold dose for intravenous nicotine self-administration in young adult non-dependent smokers. <i>Psychopharmacology</i> , 2021, 238, 2083-2090.	3.1	6
10	Localizing the Seizure Onset Site Through Metabolic Imaging of GABA. <i>Epilepsy Currents</i> , 2021, 21, 153575972110119.	0.8	0
11	Astroglial Glutamine Synthetase and the Pathogenesis of Mesial Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2021, 12, 665334.	2.4	18
12	Increased branchedâ€”chain amino acids at baseline and hours before a spontaneous seizure in the human epileptic brain. <i>Epilepsia</i> , 2021, 62, e88-e97.	5.1	6
13	Altered hippocampal astroglial metabolism is associated with aging and preserved spatial learning and memory. <i>Neurobiology of Aging</i> , 2021, 102, 188-199.	3.1	3
14	Progressive Neuronal Loss in Epilepsy â€” A Long-Standing Conundrum Finally Resolved?. <i>Epilepsy Currents</i> , 2021, 21, 366-368.	0.8	2
15	Small loci of astroglial glutamine synthetase deficiency in the postnatal brain cause epileptic seizures and impaired functional connectivity. <i>Epilepsia</i> , 2021, 62, 2858-2870.	5.1	7
16	Brain Energy Oscillationsâ€”A Possible Explanation for Seizure Periodicity in Epilepsy?. <i>Epilepsy Currents</i> , 2021, 21, 153575972110435.	0.8	0
17	Evaluating the effect of switching to non-menthol cigarettes among current menthol smokers: an empirical study of a potential ban of characterising menthol flavour in cigarettes. <i>Tobacco Control</i> , 2020, 29, tobaccocontrol-2019-055154.	3.2	18
18	Oral glutamine supplementation increases seizure severity in a rodent model of mesial temporal lobe epilepsy. <i>Nutritional Neuroscience</i> , 2020, , 1-6.	3.1	1

#	ARTICLE	IF	CITATIONS
19	Novel aspects of glutamine synthetase in ammonia homeostasis. <i>Neurochemistry International</i> , 2020, 140, 104809.	3.8	36
20	Circadian-Like Rhythmicity of Extracellular Brain Glutamate in Epilepsy. <i>Frontiers in Neurology</i> , 2020, 11, 398.	2.4	4
21	Epilepsy Benchmarks Area II: Prevent Epilepsy and Its Progression. <i>Epilepsy Currents</i> , 2020, 20, 14S-22S.	0.8	9
22	Selective deletion of glutamine synthetase in the mouse cerebral cortex induces glial dysfunction and vascular impairment that precede epilepsy and neurodegeneration. <i>Neurochemistry International</i> , 2019, 123, 22-33.	3.8	39
23	Astrocytes and Glutamine Synthetase in Epileptogenesis. <i>Journal of Neuroscience Research</i> , 2019, 97, 1345-1362.	2.9	45
24	Branched-Chain Amino Acids and Seizures: A Systematic Review of the Literature. <i>CNS Drugs</i> , 2019, 33, 755-770.	5.9	12
25	An Ancient Enzyme Takes a Hit in Epilepsy. <i>Epilepsy Currents</i> , 2019, 19, 400-401.	0.8	0
26	Human and rodent temporal lobe epilepsy is characterized by changes in O-GlcNAc homeostasis that can be reversed to dampen epileptiform activity. <i>Neurobiology of Disease</i> , 2019, 124, 531-543.	4.4	19
27	Axon-terminals expressing EAAT2 (GLT-1; Slc1a2) are common in the forebrain and not limited to the hippocampus. <i>Neurochemistry International</i> , 2019, 123, 101-113.	3.8	41
28	Effects of Branched-Chain Amino Acid Supplementation on Spontaneous Seizures and Neuronal Viability in a Model of Mesial Temporal Lobe Epilepsy. <i>Journal of Neurosurgical Anesthesiology</i> , 2019, 31, 247-256.	1.2	8
29	5 Oral Administration of Branched-Chain Amino Acids Results in Increased Seizure Threshold and Loss of Hippocampal Neurons in a Rodent Model of Mesial Temporal Lobe Epilepsy. <i>American Journal of Clinical Pathology</i> , 2018, 149, S165-S166.	0.7	0
30	Evidence for altered insulin receptor signaling in Alzheimer's disease. <i>Neuropharmacology</i> , 2018, 136, 202-215.	4.1	43
31	2235 <sup>15</sup> N-Leucine transport across the blood brain barrier is significantly impaired in the glutamine synthetase-inhibited brain. <i>Journal of Clinical and Translational Science</i> , 2018, 2, 1-1.	0.6	0
32	Cerebrospinal fluid untargeted metabolomic profiling of aneurysmal subarachnoid hemorrhage: an exploratory study. <i>British Journal of Neurosurgery</i> , 2018, 32, 637-641.	0.8	15
33	Impaired Glutamatergic Neurotransmission in the Ventromedial Hypothalamus May Contribute to Defective Counterregulation in Recurrently Hypoglycemic Rats. <i>Diabetes</i> , 2017, 66, 1979-1989.	0.6	21
34	Network evolution in mesial temporal lobe epilepsy revealed by diffusion tensor imaging. <i>Epilepsia</i> , 2017, 58, 824-834.	5.1	31
35	Progressive neuronal activation accompanies epileptogenesis caused by hippocampal glutamine synthetase inhibition. <i>Experimental Neurology</i> , 2017, 288, 122-133.	4.1	16
36	Novel biomarker identification using metabolomic profiling to differentiate radiation necrosis and recurrent tumor following Gamma Knife radiosurgery. <i>Journal of Neurosurgery</i> , 2017, 127, 388-396.	1.6	11

#	ARTICLE	IF	CITATIONS
37	Elevated basal glutamate and unchanged glutamine and GABA in refractory epilepsy: Microdialysis study of 79 patients at the yale epilepsy surgery program. <i>Annals of Neurology</i> , 2016, 80, 35-45.	5.3	71
38	The Glutamate–Glutamine Cycle in Epilepsy. <i>Advances in Neurobiology</i> , 2016, 13, 351-400.	1.8	57
39	Imaging synaptic density in the living human brain. <i>Science Translational Medicine</i> , 2016, 8, 348ra96.	12.4	343
40	Effects of site-specific infusions of methionine sulfoximine on the temporal progression of seizures in a rat model of mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015, 115, 45-54.	1.6	16
41	Inhibition of glutamine synthetase in the central nucleus of the amygdala induces anhedonic behavior and recurrent seizures in a rat model of mesial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2015, 51, 96-103.	1.7	14
42	Monocarboxylate transporters in temporal lobe epilepsy: roles of lactate and ketogenic diet. <i>Brain Structure and Function</i> , 2015, 220, 1-12.	2.3	33
43	5-Aminovaleric acid suppresses the development of severe seizures in the methionine sulfoximine model of mesial temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2014, 67, 18-23.	4.4	16
44	Treating the Brain Through the Gut. <i>Science Translational Medicine</i> , 2014, 6, .	12.4	0
45	Boosting Metabolism by Sweetening the Gut. <i>Science Translational Medicine</i> , 2014, 6, .	12.4	0
46	Reassessing the role of astrocytes in ammonia neurotoxicity. <i>Nature Medicine</i> , 2013, 19, 1572-1574.	30.7	10
47	Regulation of astrocyte glutamine synthetase in epilepsy. <i>Neurochemistry International</i> , 2013, 63, 670-681.	3.8	94
48	Gene expression of glutamate metabolizing enzymes in the hippocampal formation in human temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 228-238.	5.1	17
49	Lights of Hope in the Treatment of Epilepsy. <i>Science Translational Medicine</i> , 2013, 5, .	12.4	0
50	A Cool Intervention for Posttraumatic Epilepsy. <i>Science Translational Medicine</i> , 2013, 5, .	12.4	0
51	The Source of Youth and Longevity Revealed?. <i>Science Translational Medicine</i> , 2013, 5, .	12.4	0
52	Stealth Attack by the Gut Microbiota. <i>Science Translational Medicine</i> , 2013, 5, .	12.4	0
53	Starvation Strengthens Addiction. <i>Science Translational Medicine</i> , 2013, 5, .	12.4	0
54	A One-Two Punch for Aging and Brain Malformations. <i>Science Translational Medicine</i> , 2013, 5, .	12.4	0

#	ARTICLE	IF	CITATIONS
55	Removing Salt from the Wound. <i>Science Translational Medicine</i> , 2013, 5, .	12.4	0
56	Loss of Perivascular Kir4.1 Potassium Channels in the Sclerotic Hippocampus of Patients With Mesial Temporal Lobe Epilepsy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 814-825.	1.7	92
57	Roles of Glutamine Synthetase Inhibition in Epilepsy. <i>Neurochemical Research</i> , 2012, 37, 2339-2350.	3.3	57
58	Astrocytic regulation of glutamate homeostasis in epilepsy. <i>Glia</i> , 2012, 60, 1215-1226.	4.9	256
59	Redistribution of monocarboxylate transporter 2 on the surface of astrocytes in the human epileptogenic hippocampus. <i>Glia</i> , 2012, 60, 1172-1181.	4.9	26
60	Altered expression of brain monocarboxylate transporter 1 in models of temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2012, 45, 165-176.	4.4	45
61	Evidence for astrocytes as a potential source of the glutamate excess in temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2012, 47, 331-337.	4.4	49
62	Monocarboxylate transporter 1 is deficient on microvessels in the human epileptogenic hippocampus. <i>Neurobiology of Disease</i> , 2011, 41, 577-584.	4.4	43
63	Genomic Expression in the Epileptogenic Hippocampus and Psychiatric Co-Morbidities. <i>Current Psychiatry Reviews</i> , 2010, 6, 135-144.	0.9	2
64	The development of recurrent seizures after continuous intrahippocampal infusion of methionine sulfoximine in rats. <i>Experimental Neurology</i> , 2009, 220, 293-302.	4.1	47
65	Glutamate and astrocytes—Key players in human mesial temporal lobe epilepsy?. <i>Epilepsia</i> , 2008, 49, 42-52.	5.1	127
66	Recurrent seizures and brain pathology after inhibition of glutamine synthetase in the hippocampus in rats. <i>Brain</i> , 2008, 131, 2061-2070.	7.6	129
67	Gene Expression in Temporal Lobe Epilepsy is Consistent with Increased Release of Glutamate by Astrocytes. <i>Molecular Medicine</i> , 2007, 13, 1-13.	4.4	121
68	Increased expression of phosphate-activated glutaminase in hippocampal neurons in human mesial temporal lobe epilepsy. <i>Acta Neuropathologica</i> , 2007, 113, 137-152.	7.7	43
69	Differential Glutamate Dehydrogenase (GDH) Activity Profile in Patients with Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2006, 47, 1292-1299.	5.1	46
70	GAT1 and GAT3 expression are differently localized in the human epileptogenic hippocampus. <i>Acta Neuropathologica</i> , 2006, 111, 351-363.	7.7	61
71	Loss of perivascular aquaporin 4 may underlie deficient water and K <sup>+</sup> homeostasis in the human epileptogenic hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1193-1198.	7.1	241
72	Aquaporin-4 is increased in the sclerotic hippocampus in human temporal lobe epilepsy. <i>Acta Neuropathologica</i> , 2004, 108, 493-502.	7.7	129

#	ARTICLE	IF	CITATIONS
73	Increased Expression of Erythropoietin Receptor on Blood Vessels in the Human Epileptogenic Hippocampus with Sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 73-83.	1.7	50
74	A Retrospective Analysis of Hippocampal Pathology in Human Temporal Lobe Epilepsy: Evidence for Distinctive Patient Subcategories. <i>Epilepsia</i> , 2003, 44, 677-687.	5.1	233
75	Delayed K <sup>+</sup> clearance associated with aquaporin-4 mislocalization: Phenotypic defects in brains of $\Delta$ -syntaxin-null mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13615-13620.	7.1	324
76	Recombinant Human Erythropoietin for Neuroprotection: What Is the Evidence?. <i>Clinical Breast Cancer</i> , 2002, 3, S109-S115.	2.4	48
77	Novel expression of AMPA-receptor subunit GluR1 on mossy cells and CA3 pyramidal neurons in the human epileptogenic hippocampus. <i>European Journal of Neuroscience</i> , 2002, 15, 517-527.	2.6	30
78	Disruption of Inhibition in Area CA1 of the Hippocampus in a Rat Model of Temporal Lobe Epilepsy. <i>Journal of Neurophysiology</i> , 2001, 86, 2231-2245.	1.8	17
79	Ultrastructure and immunocytochemical distribution of GABA in layer III of the rat medial entorhinal cortex following aminooxyacetic acid-induced seizures. <i>Experimental Brain Research</i> , 1999, 125, 463-475.	1.5	28
80	Glutamate receptor subunits GluR1 and GluR2/3 distribution shows reorganization in the human epileptogenic hippocampus. <i>European Journal of Neuroscience</i> , 1998, 10, 1687-1703.	2.6	57
81	Catch the rhythm!. <i>Epilepsy Currents</i> , 0, , 153575972210990.	0.8	0