

Lee A Shapiro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7456450/publications.pdf>

Version: 2024-02-01

43
papers

1,897
citations

201575

27
h-index

315616

38
g-index

43
all docs

43
docs citations

43
times ranked

2490
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid astrocyte and microglial activation following pilocarpine-induced seizures in rats. <i>Epilepsia</i> , 2008, 49, 33-41.	2.6	200
2	Neuroinflammation and blood-brain barrier disruption following traumatic brain injury: Pathophysiology and potential therapeutic targets. <i>Journal of Neuroscience Research</i> , 2020, 98, 19-28.	1.3	154
3	Newly born dentate granule neurons after pilocarpine-induced epilepsy have hilar basal dendrites with immature synapses. <i>Epilepsy Research</i> , 2006, 69, 53-66.	0.8	104
4	Chemokine CCL2 and its receptor CCR2 are increased in the hippocampus following pilocarpine-induced status epilepticus. <i>Journal of Neuroinflammation</i> , 2009, 6, 40.	3.1	87
5	Integration of newly born dentate granule cells into adult brains: hypotheses based on normal and epileptic rodents. <i>Brain Research Reviews</i> , 2005, 48, 43-56.	9.1	85
6	Increased CCL2, CCL3, CCL5, and IL-1 β cytokine concentration in piriform cortex, hippocampus, and neocortex after pilocarpine-induced seizures. <i>Journal of Neuroinflammation</i> , 2015, 12, 129.	3.1	78
7	Origin, migration and fate of newly generated neurons in the adult rodent piriform cortex. <i>Brain Structure and Function</i> , 2007, 212, 133-148.	1.2	77
8	Morphological and ultrastructural features of Iba1-immunolabeled microglial cells in the hippocampal dentate gyrus. <i>Brain Research</i> , 2009, 1266, 29-36.	1.1	73
9	GFAP-expressing radial glia-like cell bodies are involved in a one-to-one relationship with doublecortin-immunolabeled newborn neurons in the adult dentate gyrus. <i>Brain Research</i> , 2005, 1040, 81-91.	1.1	70
10	Overview of Traumatic Brain Injury: An Immunological Context. <i>Brain Sciences</i> , 2017, 7, 11.	1.1	70
11	Structural changes for adult-born dentate granule cells after status epilepticus. <i>Epilepsia</i> , 2008, 49, 13-18.	2.6	60
12	Subventricular zone-derived, newly generated neurons populate several olfactory and limbic forebrain regions. <i>Epilepsy and Behavior</i> , 2009, 14, 74-80.	0.9	60
13	NKCC1 up-regulation contributes to early post-traumatic seizures and increased post-traumatic seizure susceptibility. <i>Brain Structure and Function</i> , 2017, 222, 1543-1556.	1.2	58
14	Traumatic brain injury causes selective, CD74-dependent peripheral lymphocyte activation that exacerbates neurodegeneration. <i>Acta Neuropathologica Communications</i> , 2014, 2, 143.	2.4	49
15	Newly generated granule cells show rapid neuroplastic changes in the adult rat dentate gyrus during the first five days following pilocarpine-induced seizures. <i>European Journal of Neuroscience</i> , 2007, 26, 583-592.	1.2	47
16	Neuroinflammatory mechanisms of post-traumatic epilepsy. <i>Journal of Neuroinflammation</i> , 2020, 17, 193.	3.1	47
17	Role of glia in epilepsy-associated neuropathology, neuroinflammation and neurogenesis. <i>Brain Research Reviews</i> , 2011, 66, 115-122.	9.1	45
18	Increased Seizure Susceptibility in Mice 30 Days after Fluid Percussion Injury. <i>Frontiers in Neurology</i> , 2013, 4, 28.	1.1	45

#	ARTICLE	IF	CITATIONS
19	Astrocyte Hypertrophy Contributes to Aberrant Neurogenesis after Traumatic Brain Injury. <i>Neural Plasticity</i> , 2016, 2016, 1-10.	1.0	44
20	Early TBI-Induced Cytokine Alterations are Similarly Detected by Two Distinct Methods of Multiplex Assay. <i>Frontiers in Molecular Neuroscience</i> , 2011, 4, 21.	1.4	43
21	Synaptic connections of hilar basal dendrites of dentate granule cells in a neonatal hypoxia model of epilepsy. <i>Epilepsia</i> , 2012, 53, 98-108.	2.6	43
22	Altered Hippocampal Neurogenesis during the First 7 Days after a Fluid Percussion Traumatic Brain Injury. <i>Cell Transplantation</i> , 2017, 26, 1314-1318.	1.2	36
23	Olfactory enrichment enhances the survival of newly born cortical neurons in adult mice. <i>NeuroReport</i> , 2007, 18, 981-985.	0.6	32
24	Effects of S100B on Serotonergic Plasticity and Neuroinflammation in the Hippocampus in Down Syndrome and Alzheimer's Disease: Studies in an S100B Overexpressing Mouse Model. <i>Cardiovascular Psychiatry and Neurology</i> , 2010, 2010, 1-13.	0.8	32
25	Ultrastructure and synaptic connectivity of cell types in the adult rat dentate gyrus. <i>Progress in Brain Research</i> , 2007, 163, 155-166.	0.9	31
26	Spatiotemporal profile of dendritic outgrowth from newly born granule cells in the adult rat dentate gyrus. <i>Brain Research</i> , 2007, 1149, 30-37.	1.1	31
27	Hepatic alterations are accompanied by changes to bile acid transporter-expressing neurons in the hypothalamus after traumatic brain injury. <i>Scientific Reports</i> , 2017, 7, 40112.	1.6	31
28	The role of olfactory stimulus in adult mammalian neurogenesis. <i>Behavioural Brain Research</i> , 2012, 227, 356-362.	1.2	25
29	Dendritic development of newly generated neurons in the adult brain. <i>Brain Research Reviews</i> , 2007, 55, 390-394.	9.1	20
30	Microglia-associated granule cell death in the normal adult dentate gyrus. <i>Brain Structure and Function</i> , 2009, 214, 25-35.	1.2	18
31	Antagonism of Macrophage Migration Inhibitory Factory (MIF) after Traumatic Brain Injury Ameliorates Astrocytosis and Peripheral Lymphocyte Activation and Expansion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7448.	1.8	14
32	Gulf War agents pyridostigmine bromide and permethrin cause hypersensitive nociception that is restored after vagus nerve stimulation. <i>NeuroToxicology</i> , 2018, 69, 93-96.	1.4	12
33	Neurological and Neurodegenerative Disorders: Novel Concepts and Treatment. , 2021, 12, 950.		11
34	Astrocyte Alterations in the Hippocampus Following Pilocarpine-induced Seizures in Aged Rats. , 2011, 2, 294-300.		11
35	Seizure-Induced Formation of Basal Dendrites on Granule Cells of the Rodent Dentate Gyrus. , 2012, , 484-493.		10
36	Vagus Nerve Stimulation Ameliorates Cognitive Impairment and Increased Hippocampal Astrocytes in a Mouse Model of Gulf War Illness. <i>Neuroscience Insights</i> , 2021, 16, 263310552110184.	0.9	9

#	ARTICLE	IF	CITATIONS
37	Inflammation increases the development of depression behaviors in male rats after spinal cord injury. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 14, 100258.	1.3	9
38	Levetiracetam Differentially Alters CD95 Expression of Neuronal Cells and the Mitochondrial Membrane Potential of Immune and Neuronal Cells in vitro. <i>Frontiers in Neurology</i> , 2014, 5, 17.	1.1	8
39	Seizure-induced Increased Neurogenesis Occurs in the Dentate Gyrus of Aged Sprague-Dawley Rats. , 2011, 2, 286-93.		6
40	Neurogenesis and chronic neurobehavioral outcomes are partially improved by vagus nerve stimulation in a mouse model of Gulf War illness. <i>NeuroToxicology</i> , 2022, 90, 205-215.	1.4	6
41	Macrophage Migration Inhibitory Factor Alters Functional Properties of CA1 Hippocampal Neurons in Mouse Brain Slices. <i>International Journal of Molecular Sciences</i> , 2020, 21, 276.	1.8	4
42	Editorial: New Directions in the Management of Status Epilepticus. <i>Frontiers in Neurology</i> , 2018, 9, 994.	1.1	1
43	From bench to bedside: unique challenges of treating epilepsy in the aging brain. , 2011, 2, 275-7.		1