Peter Bedner

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7224342/publications.pdf

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24	1,168	623734 14	677142 22
papers	citations	h-index	g-index

24	24	24	1587
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Astrocyte uncoupling as a cause of human temporal lobe epilepsy. Brain, 2015, 138, 1208-1222.	7.6	257
2	Astrocyte dysfunction in temporal lobe epilepsy: K⁺ channels and gap junction coupling. Glia, 2012, 60, 1192-1202.	4.9	168
3	Connexin expression by radial glia-like cells is required for neurogenesis in the adult dentate gyrus. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11336-11341.	7.1	127
4	Characterization of Panglial Gap Junction Networks in the Thalamus, Neocortex, and Hippocampus Reveals a Unique Population of Glial Cells. Cerebral Cortex, 2015, 25, 3420-3433.	2.9	108
5	Plaqueâ€dependent morphological and electrophysiological heterogeneity of microglia in an <scp>A</scp>lzheimer's disease mouse model. Glia, 2018, 66, 1464-1480.	4.9	79
6	Role of astroglial connexin30 in hippocampal gap junction coupling. Glia, 2011, 59, 511-519.	4.9	73
7	Subcellular reorganization and altered phosphorylation of the astrocytic gap junction protein connexin43 in human and experimental temporal lobe epilepsy. Glia, 2017, 65, 1809-1820.	4.9	67
8	Altered Kir and gap junction channels in temporal lobe epilepsy. Neurochemistry International, 2013, 63, 682-687.	3.8	46
9	Properties of human astrocytes and NG2 glia. Glia, 2020, 68, 756-767.	4.9	46
10	Experimental febrile seizures impair interastrocytic gap junction coupling in juvenile mice. Journal of Neuroscience Research, 2016, 94, 804-813.	2.9	30
11	Germ-Line Recombination Activity of the Widely Used hGFAP-Cre and Nestin-Cre Transgenes. PLoS ONE, 2013, 8, e82818.	2.5	30
12	Constitutive deletion of astrocytic connexins aggravates kainateâ€induced epilepsy. Glia, 2020, 68, 2136-2147.	4.9	26
13	Astrocytic GABA Accumulation in Experimental Temporal Lobe Epilepsy. Frontiers in Neurology, 2020, 11, 614923.	2.4	21
14	Augmentation of Ca2+ signaling in astrocytic endfeet in the latent phase of temporal lobe epilepsy. Frontiers in Cellular Neuroscience, 2015, 9, 49.	3.7	18
15	TNFÎ±-Driven Astrocyte Purinergic Signaling during Epileptogenesis. Trends in Molecular Medicine, 2019, 25, 70-72.	6.7	15
16	Cell death of hippocampal CA1 astrocytes during early epileptogenesis. Epilepsia, 2021, 62, 1569-1583.	5.1	15
17	Connexin43, but not connexin30, contributes to adult neurogenesis in the dentate gyrus. Brain Research Bulletin, 2018, 136, 91-100.	3.0	12
18	Initiation of Experimental Temporal Lobe Epilepsy by Early Astrocyte Uncoupling Is Independent of TGFÎ²R1/ALK5 Signaling. Frontiers in Neurology, 2021, 12, 660591.	2.4	9

#	Article	IF	Citations
19	Lipoprotein receptor loss in forebrain radial glia results in neurological deficits and severe seizures. Glia, 2020, 68, 2517-2549.	4.9	7
20	A Cellular Assay for the Identification and Characterization of Connexin Gap Junction Modulators. International Journal of Molecular Sciences, 2021, 22, 1417.	4.1	7
21	Neuronâ€“glia interaction in epilepsy. Journal of Neuroscience Research, 2016, 94, 779-780.	2.9	5
22	Crucial Role for Astrocytes in Epilepsy. Colloquium Series on Neuroglia in Biology and Medicine From Physiology To Disease, 2015, 2, 1-89.	0.5	1
23	Crucial Role for Astrocytes in Epilepsy. , 2014, , 155-186.		1
24	Response: Astrocytes as alternative targets for more efficient antiepileptogenic drugs. Epilepsia, 2021, 62, 2299-2300.	5.1	0