Carola A Haas

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5756562/publications.pdf

Version: 2024-02-01

57 papers	3,583 citations	201674 27 h-index	155660 55 g-index
63 all docs	63 docs citations	63 times ranked	4096 citing authors

#	Article	IF	Citations
1	Long-term in vivo application of a potassium channel-based optogenetic silencer in the healthy and epileptic mouse hippocampus. BMC Biology, 2022, 20, 18.	3.8	8
2	Calcium modeling of spine apparatus-containing human dendritic spines demonstrates an â€œall-or-nothingâ€•communication switch between the spine head and dendrite. PLoS Computational Biology, 2022, 18, e1010069.	3.2	14
3	Mossy fiber sprouting into the hippocampal region <scp>CA2</scp> in patients with temporal lobe epilepsy. Hippocampus, 2021, 31, 580-592.	1.9	18
4	Adaptive Control of Sinusoidal Optogenetic Stimulation. , 2021, , .		2
5	Reelin Is Required for Maintenance of Granule Cell Lamination in the Healthy and Epileptic Hippocampus. Frontiers in Molecular Neuroscience, 2021, 14, 730811.	2.9	9
6	Revisiting brain stimulation in Parkinsonâ€™s disease. Science, 2021, 374, 153-154.	12.6	2
7	Transcriptional characterization of the glial response due to chronic neural implantation of flexible microprobes. Biomaterials, 2021, 279, 121230.	11.4	12
8	Oligodendrocyte lineage and myelination are compromised in the gray matter of focal cortical dysplasia type IIa. Epilepsia, 2020, 61, 171-184.	5.1	13
9	Histological Correlates of Diffusion-Weighted Magnetic Resonance Microscopy in a Mouse Model of Mesial Temporal Lobe Epilepsy. Frontiers in Neuroscience, 2020, 14, 543.	2.8	7
10	Hippocampal low-frequency stimulation prevents seizure generation in a mouse model of mesial temporal lobe epilepsy. ELife, 2020, 9, .	6.0	40
11	Quantitative synchrotron X-ray tomography of the material-tissue interface in rat cortex implanted with neural probes. Scientific Reports, 2019, 9, 7646.	3.3	12
12	Expression of brainâ€derived neurotrophic factor and structural plasticity in the dentate gyrus and <scp>CA</scp>2 region correlate with epileptiform activity. Epilepsia, 2019, 60, 1234-1247.	5.1	18
13	Bursts with High and Low Load of Epileptiform Spikes Show Context-Dependent Correlations in Epileptic Mice. ENeuro, 2019, 6, ENEURO.0299-18.2019.	1.9	13
14	Theta frequency decreases throughout the hippocampal formation in a focal epilepsy model. Hippocampus, 2018, 28, 375-391.	1.9	20
15	Position- and Time-Dependent Arc Expression Links Neuronal Activity to Synaptic Plasticity During Epileptogenesis. Frontiers in Cellular Neuroscience, 2018, 12, 244.	3.7	25
16	NEGR1 and FGFR2 cooperatively regulate cortical development and core behaviours related to autism disorders in mice. Brain, 2018, 141, 2772-2794.	7.6	45
17	Neuronal Growth and Behavioral Alterations in Mice Deficient for the Psychiatric Disease-Associated Negr1 Gene. Frontiers in Molecular Neuroscience, 2018, 11, 30.	2.9	36
18	Whole Transcriptome Screening Reveals Myelination Deficits in Dysplastic Human Temporal Neocortex. Cerebral Cortex, 2017, 27, bhv346.	2.9	16

#	Article	IF	Citations
19	Synaptic Remodeling of Entorhinal Input Contributes to an Aberrant Hippocampal Network in Temporal Lobe Epilepsy. Cerebral Cortex, 2017, 27, 2348-2364.	2.9	50
20	Characterization of focal cortical dysplasia with balloon cells by layerâ€specific markers: Evidence for differential vulnerability of interneurons. Epilepsia, 2017, 58, 635-645.	5.1	19
21	Neurogenic Processes Are Induced by Very Short Periods of Voluntary Wheel-Running in Male Mice. Frontiers in Neuroscience, 2017, 11, 385.	2.8	9
22	Early tissue damage and microstructural reorganization predict disease severity in experimental epilepsy. ELife, 2017, 6, .	6.0	41
23	Persistent Gliosis Interferes with Neurogenesis in Organotypic Hippocampal Slice Cultures. Frontiers in Cellular Neuroscience, 2016, 10, 131.	3.7	23
24	Seizure-Induced Motility of Differentiated Dentate Granule Cells Is Prevented by the Central Reelin Fragment. Frontiers in Cellular Neuroscience, 2016, 10, 183.	3.7	34
25	Mossy fiber sprouting and pyramidal cell dispersion in the hippocampal <scp>CA2</scp> region in a mouse model of temporal lobe epilepsy. Hippocampus, 2016, 26, 577-588.	1.9	59
26	Increased Blood-Reelin-Levels in First Episode Schizophrenia. PLoS ONE, 2015, 10, e0134671.	2.5	10
27	Astrocyte uncoupling as a cause of human temporal lobe epilepsy. Brain, 2015, 138, 1208-1222.	7.6	257
28	Epilepsy-Induced Motility of Differentiated Neurons. Cerebral Cortex, 2014, 24, 2130-2140.	2.9	44
29	Disorganization of neocortical lamination in focal cortical dysplasia is brain-region dependent: evidence from layer-specific marker expression. Acta Neuropathologica Communications, 2013, 1, 47.	5.2	20
30	TIMPâ€1 inhibits the proteolytic processing of Reelin in experimental epilepsy. FASEB Journal, 2013, 27, 2542-2552.	0.5	35
31	Differential vulnerability of interneurons in the epileptic hippocampus. Frontiers in Cellular Neuroscience, 2013, 7, 167.	3.7	78
32	Regulation of action potential delays via voltage-gated potassium Kv1.1 channels in dentate granule cells during hippocampal epilepsy. Frontiers in Cellular Neuroscience, 2013, 7, 248.	3.7	42
33	Septotemporal Position in the Hippocampal Formation Determines Epileptic and Neurogenic Activity in Temporal Lobe Epilepsy. Cerebral Cortex, 2012, 22, 26-36.	2.9	81
34	Experimental epilepsy affects <scp>N</scp>otch1 signalling and the stem cell pool in the dentate gyrus. European Journal of Neuroscience, 2012, 36, 3643-3652.	2.6	21
35	Altered theta coupling between medial entorhinal cortex and dentate gyrus in temporal lobe epilepsy. Epilepsia, 2012, 53, 1937-1947.	5.1	29
36	Early Life Stress Differentially Modulates Distinct Forms of Brain Plasticity in Young and Adult Mice. PLoS ONE, 2012, 7, e46004.	2.5	36

#	Article	IF	Citations
37	CNTF-mediated preactivation of astrocytes attenuates neuronal damage and epileptiform activity in experimental epilepsy. Experimental Neurology, 2012, 236, 141-150.	4.1	22
38	Early life stress stimulates hippocampal reelin gene expression in a sexâ€specific manner: Evidence for corticosteroneâ€mediated action. Hippocampus, 2012, 22, 409-420.	1.9	39
39	Increase in BDNF-mediated TrkB signaling promotes epileptogenesis in a mouse model of mesial temporal lobe epilepsy. Neurobiology of Disease, 2011, 42, 35-47.	4.4	169
40	Epileptiform activity interferes with proteolytic processing of Reelin required for dentate granule cell positioning. FASEB Journal, 2011, 25, 1002-1013.	0.5	54
41	Reelin deficiency causes granule cell dispersion in epilepsy. Experimental Brain Research, 2010, 200, 141-149.	1.5	87
42	The Somatosensory Cortex ofreelerMutant Mice Shows Absent Layering But Intact Formation and Behavioral Activation of Columnar Somatotopic Maps. Journal of Neuroscience, 2010, 30, 15700-15709.	3.6	41
43	Increased leak conductance in dentate gyrus granule cells of temporal lobe epilepsy patients with Ammonâ€™s horn sclerosis. Epilepsia, 2009, 50, 646-653.	5.1	39
44	Exogenous reelin prevents granule cell dispersion in experimental epilepsy. Experimental Neurology, 2009, 216, 390-397.	4.1	51
45	Granule cell dispersion is not accompanied by enhanced neurogenesis in temporal lobe epilepsy patients. Experimental Neurology, 2007, 203, 320-332.	4.1	112
46	Reelin Deficiency and Displacement of Mature Neurons, But Not Neurogenesis, Underlie the Formation of Granule Cell Dispersion in the Epileptic Hippocampus. Journal of Neuroscience, 2006, 26, 4701-4713.	3.6	295
47	Reelin Controls Granule Cell Migration in the Dentate Gyrus by Acting on the Radial Glial Scaffold. Cerebral Cortex, 2003, 13, 634-640.	2.9	185
48	Subcellular Localization of Metabotropic GABABReceptor Subunits GABAB1a/band GABAB2in the Rat Hippocampus. Journal of Neuroscience, 2003, 23, 11026-11035.	3.6	215
49	Role for Reelin in the Development of Granule Cell Dispersion in Temporal Lobe Epilepsy. Journal of Neuroscience, 2002, 22, 5797-5802.	3.6	234
50	Targeting gene-modified hematopoietic cells to the central nervous system: Use of green fluorescent protein uncovers microglial engraftment. Nature Medicine, 2001, 7, 1356-1361.	30.7	567
51	The chondroitin sulphate proteoglycan brevican is upregulated by astrocytes after entorhinal cortex lesions in adult rats. European Journal of Neuroscience, 2000, 12, 2547-2558.	2.6	97
52	Upâ€regulation of growthâ€associated protein 43 mRNA in rat medial septum neurons axotomized by fimbriaâ€fornix transection. European Journal of Neuroscience, 2000, 12, 4233-4242.	2.6	11
53	Reorganization of the Rat Fascia Dentata after a Unilateral Entorhinal Cortex Lesion: Role of the Extracellular Matrix. Annals of the New York Academy of Sciences, 2000, 911, 207-220.	3.8	48
54	Expression of CNTF/LIF-receptor components and activation of STAT3 signaling in axotomized facial motoneurons: Evidence for a sequential postlesional function of the cytokines. , 1999, 41, 559-571.		57

#	Article	IF	Citations
55	Region-specific activation of microglial cells in the rat septal complex following fimbria-fornix transection. Journal of Comparative Neurology, 1998, 390, 481-496.	1.6	23
56	Cultured astrocytes express functional receptors for galanin. , 1998, 24, 323-328.		20
57	Role of NGF in axotomyâ€induced câ€JUN expressionin medial septal cholinergic neurons. International Journal of Developmental Neuroscience, 1998, 16, 691-703.	1.6	12