Pierre-pascal Lenck-santini

List of Publications by Year
in descending order

48 papers	2,744 citations	201385 27 h-index	214527 47 g-index
51 all docs	51 docs citations	51 times ranked	2847 citing authors

#	Article	IF	Citations
1	Bad Timing for Epileptic Networks: Role of Temporal Dynamics in Seizures and Cognitive Deficits. Epilepsy Currents, 2021, 21, 177-182.	0.4	0
2	Focal Dorsal Hippocampal Nav1.1 Knock Down Alters Place Cell Temporal Coordination and Spatial Behavior. Cerebral Cortex, 2020, 30, 5049-5066.	1.6	13
3	A knockâ€in mouse model for KCNQ2â€related epileptic encephalopathy displays spontaneous generalized seizures and cognitive impairment. Epilepsia, 2020, 61, 868-878.	2.6	26
4	Alterations of Neuronal Dynamics as a Mechanism for Cognitive Impairment in Epilepsy. Current Topics in Behavioral Neurosciences, 2020, , 65-106.	0.8	2
5	Impaired vocal communication, sleepâ€related discharges, and transient alteration of slowâ€wave sleep in developing mice lacking the GluN2A subunit of N â€methylâ€d â€aspartate receptors. Epilepsia, 2019, 60, 1424-1437.	2.6	23
6	Emergence of Coordinated Activity in the Developing Entorhinalâ€“Hippocampal Network. Cerebral Cortex, 2019, 29, 906-920.	1.6	45
7	A companion to the preclinical common data elements on neurobehavioral comorbidities of epilepsy: a report of the <scp>TASK</scp>3 behavior working group of the <scp>ILAE</scp>/<scp>AES</scp> Joint Translational Task Force. Epilepsia Open, 2018, 3, 24-52.	1.3	34
8	Autistic traits in epilepsy models: Why, when and how?. Epilepsy Research, 2018, 144, 62-70.	0.8	13
9	Stereotypical activation of hippocampal ensembles during seizures. Brain, 2017, 140, 2256-2259.	3.7	1
10	Oscillation Phase Locking and Late ERP Components of Intracranial Hippocampal Recordings Correlate to Patient Performance in a Working Memory Task. Frontiers in Human Neuroscience, 2016, 10, 287.	1.0	19
11	Abnormal UP/DOWN Membrane Potential Dynamics Coupled with the Neocortical Slow Oscillation in Dentate Granule Cells during the Latent Phase of Temporal Lobe Epilepsy. ENeuro, 2016, 3, ENEURO.0017-16.2016.	0.9	8
12	Temporal Coordination of Hippocampal Neurons Reflects Cognitive Outcome Post-febrile Status Epilepticus. EBioMedicine, 2016, 7, 175-190.	2.7	30
13	Cognitive Deficits Associated with Nav1.1 Alterations: Involvement of Neuronal Firing Dynamics and Oscillations. PLoS ONE, 2016, 11, e0151538.	1.1	27
14	Mechanisms Responsible for Cognitive Impairment in Epilepsy. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a022772.	2.9	71
15	Status Epilepticus Induced Spontaneous Dentate Gyrus Spikes: In Vivo Current Source Density Analysis. PLoS ONE, 2015, 10, e0132630.	1.1	7
16	Focal epileptiform activity in the prefrontal cortex is associated with long-term attention and sociability deficits. Neurobiology of Disease, 2014, 63, 25-34.	2.1	64
17	Attention Deficit Associated with Early Life Interictal Spikes in a Rat Model Is Improved with ACTH. PLoS ONE, 2014, 9, e89812.	1.1	44
18	Focal Scn1a knockdown induces cognitive impairment without seizures. Neurobiology of Disease, 2013, 54, 297-307.	2.1	74

#	Article	IF	Citations
19	Hippocampal interictal epileptiform activity disrupts cognition in humans. Neurology, 2013, 81, 18-24.	1.5	211
20	Speed modulation of hippocampal theta frequency correlates with spatial memory performance. Hippocampus, 2013, 23, 1269-1279.	0.9	71
21	Cognitive and Behavioral Comorbidities in Epilepsy: The Treacherous Nature of Animal Models. Epilepsy Currents, 2013, 13, 182-183.	0.4	3
22	Seizure-Induced Newborn Neurons Might Not be So Bad after All. Epilepsy Currents, 2013, 13, 229-230.	0.4	1
23	Functional Network Changes in Hippocampal CA1 after Status Epilepticus Predict Spatial Memory Deficits in Rats. Journal of Neuroscience, 2012, 32, 11365-11376.	1.7	26
24	SCN1A mutations in Dravet syndrome: Impact of interneuron dysfunction on neural networks and cognitive outcome. Epilepsy and Behavior, 2012, 23, 177-186.	0.9	91
25	Maturation of EEG oscillations in children with sodium channel mutations. Brain and Development, 2012, 34, 469-477.	0.6	20
26	Neuroaminidase reduces interictal spikes in a rat temporal lobe epilepsy model. Epilepsia, 2011, 52, e12-e15.	2.6	9
27	Maturational dynamics of hippocampal place cells in immature rats. Hippocampus, 2011, 21, 347-353.	0.9	31
28	Enhanced Oscillatory Activity in the Hippocampalâ€“Prefrontal Network Is Related to Short-Term Memory Function after Early-Life Seizures. Journal of Neuroscience, 2011, 31, 15397-15406.	1.7	56
29	Impaired cognition in rats with cortical dysplasia: additional impact of early-life seizures. Brain, 2011, 134, 1684-1693.	3.7	52
30	Cognitive and behavioral comorbidities of epilepsy. Epilepsia, 2010, 51, 79-79.	2.6	6
31	Attention-Like Modulation of Hippocampus Place Cell Discharge. Journal of Neuroscience, 2010, 30, 4613-4625.	1.7	144
32	Altered Phase Precession and Compression of Temporal Sequences by Place Cells in Epileptic Rats. Journal of Neuroscience, 2008, 28, 5053-5062.	1.7	96
33	Discharge Properties of Hippocampal Neurons during Performance of a Jump Avoidance Task. Journal of Neuroscience, 2008, 28, 6773-6786.	1.7	51
34	A TEST OF THE TIME ESTIMATION HYPOTHESIS OF PLACE CELL GOAL-RELATED ACTIVITY. Journal of Integrative Neuroscience, 2007, 06, 367-378.	0.8	10
35	Goal-Related Activity in Hippocampal Place Cells. Journal of Neuroscience, 2007, 27, 472-482.	1.7	197
36	Postictal Single-cell Firing Patterns in the Hippocampus. Epilepsia, 2007, 48, 713-719.	2.6	16

#	Article	IF	Citations
37	Effect of Interictal Spikes on Single-Cell Firing Patterns in the Hippocampus. Epilepsia, 2007, 48, 720-731.	2.6	60
38	Role of interictal epileptiform abnormalities in cognitive impairment. Epilepsy and Behavior, 2006, 8, 504-515.	0.9	303
39	Study of CA1 place cell activity and exploratory behavior following spatial and nonspatial changes in the environment. Hippocampus, 2005, 15, 356-369.	0.9	66
40	Coding for spatial goals in the prelimbic/infralimbic area of the rat frontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4602-4607.	3.3	206
41	Representation of Objects in Space by Two Classes of Hippocampal Pyramidal Cells. Journal of General Physiology, 2004, 124, 9-25.	0.9	98
42	Spatial Navigation and Hippocampal Place Cell Firing: The Problem of Goal Encoding. Reviews in the Neurosciences, 2004, 15, 89-107.	1.4	83
43	Place cells, neocortex and spatial navigation: a short review. Journal of Physiology (Paris), 2003, 97, 537-546.	2.1	35
44	Relationships between Place Cell Firing Fields and Navigational Decisions by Rats. Journal of Neuroscience, 2002, 22, 9035-9047.	1.7	88
45	Properties of place cell firing after damage to the visual cortex. European Journal of Neuroscience, 2002, 16, 771-776.	1.2	16
46	Place-cell firing does not depend on the direction of turn in a Y-maze alternation task. European Journal of Neuroscience, 2001, 13, 1055-1058.	1.2	48
47	Evidence for a relationship between place-cell spatial firing and spatial memory performance. Hippocampus, 2001, 11, 377-390.	0.9	88
48	Sensory and Memory Properties of Hippocampal Place Cells. Reviews in the Neurosciences, 2000, 11, 95-111.	1.4	61