

Christophe Bernard

List of Publications by Citations

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147
papers

8,568
citations

48
h-index

90
g-index

200
ext. papers

10,435
ext. citations

7.1
avg. IF

6.16
L-index

#	Paper	IF	Citations
147	In vivo recordings of brain activity using organic transistors. <i>Nature Communications</i> , 2013 , 4, 1575	17.4	605
146	Dendritic but not somatic GABAergic inhibition is decreased in experimental epilepsy. <i>Nature Neuroscience</i> , 2001 , 4, 52-62	25.5	447
145	On the nature of seizure dynamics. <i>Brain</i> , 2014 , 137, 2210-30	11.2	397
144	Acquired dendritic channelopathy in temporal lobe epilepsy. <i>Science</i> , 2004 , 305, 532-5	33.3	370
143	High-performance transistors for bioelectronics through tuning of channel thickness. <i>Science Advances</i> , 2015 , 1, e1400251	14.3	359
142	Highly conformable conducting polymer electrodes for in vivo recordings. <i>Advanced Materials</i> , 2011 , 23, H268-72	24	270
141	Glur5 kainate receptor activation in interneurons increases tonic inhibition of pyramidal cells. <i>Nature Neuroscience</i> , 1998 , 1, 470-8	25.5	265
140	Multiple facets of GABAergic neurons and synapses: multiple fates of GABA signalling in epilepsies. <i>Trends in Neurosciences</i> , 2005 , 28, 108-15	13.3	253
139	Newly formed excitatory pathways provide a substrate for hyperexcitability in experimental temporal lobe epilepsy. <i>Journal of Comparative Neurology</i> , 1999 , 408, 449-60	3.4	207
138	Early development of neuronal activity in the primate hippocampus in utero. <i>Journal of Neuroscience</i> , 2001 , 21, 9770-81	6.6	195
137	The Safety of Ingested Caffeine: A Comprehensive Review. <i>Frontiers in Psychiatry</i> , 2017 , 8, 80	5	185
136	Membrane potential of CA3 hippocampal pyramidal cells during postnatal development. <i>Journal of Neurophysiology</i> , 2003 , 90, 2964-72	3.2	164
135	The Virtual Epileptic Patient: Individualized whole-brain models of epilepsy spread. <i>NeuroImage</i> , 2017 , 145, 377-388	7.9	163
134	Impaired consciousness during temporal lobe seizures is related to increased long-distance cortical-subcortical synchronization. <i>Brain</i> , 2009 , 132, 2091-101	11.2	156
133	Early deficits in spatial memory and theta rhythm in experimental temporal lobe epilepsy. <i>Journal of Neuroscience</i> , 2009 , 29, 5402-10	6.6	154
132	A systematic framework for functional connectivity measures. <i>Frontiers in Neuroscience</i> , 2014 , 8, 405	5.1	142
131	Presynaptic kainate receptors that enhance the release of GABA on CA1 hippocampal interneurons. <i>Neuron</i> , 2001 , 29, 497-508	13.9	137

130	Animal models of temporal lobe epilepsy following systemic chemoconvulsant administration. <i>Journal of Neuroscience Methods</i> , 2016 , 260, 45-52	3	131
129	Neuron-restrictive silencer factor-mediated hyperpolarization-activated cyclic nucleotide gated channelopathy in experimental temporal lobe epilepsy. <i>Annals of Neurology</i> , 2011 , 70, 454-64	9.4	131
128	Vulnerability to depression: from brain neuroplasticity to identification of biomarkers. <i>Journal of Neuroscience</i> , 2011 , 31, 12889-99	6.6	128
127	Commonalities in epileptogenic processes from different acute brain insults: Do they translate?. <i>Epilepsia</i> , 2018 , 59, 37-66	6.4	123
126	Altering cannabinoid signaling during development disrupts neuronal activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9388-93	11.5	119
125	Operative GABAergic inhibition in hippocampal CA1 pyramidal neurons in experimental epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 12151-6	11.5	115
124	Controlling epileptiform activity with organic electronic ion pumps. <i>Advanced Materials</i> , 2015 , 27, 3138-44	11.0	110
123	h channel-dependent deficit of theta oscillation resonance and phase shift in temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2009 , 33, 436-47	7.5	110
122	Localized Neuron Stimulation with Organic Electrochemical Transistors on Delaminating Depth Probes. <i>Advanced Materials</i> , 2015 , 27, 4405-4410	24	104
121	Adenosine receptor antagonists including caffeine alter fetal brain development in mice. <i>Science Translational Medicine</i> , 2013 , 5, 197ra104	17.5	102
120	Deficit of quantal release of GABA in experimental models of temporal lobe epilepsy. <i>Nature Neuroscience</i> , 1999 , 2, 499-500	25.5	97
119	What is GABAergic inhibition? How is it modified in epilepsy?. <i>Epilepsia</i> , 2000 , 41 Suppl 6, S90-5	6.4	89
118	Bioelectronic neural pixel: Chemical stimulation and electrical sensing at the same site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9440-5	11.5	82
117	The transcription factor NRSF contributes to epileptogenesis by selective repression of a subset of target genes. <i>ELife</i> , 2014 , 3, e01267	8.9	82
116	Nrf2-dependent persistent oxidative stress results in stress-induced vulnerability to depression. <i>Molecular Psychiatry</i> , 2017 , 22, 1701-1713	15.1	80
115	Modeling epileptic dynamics in the hippocampus using a multiscale approach. <i>BMC Neuroscience</i> , 2013 , 14,	3.2	78
114	Towards an integrated view of HCN channel role in epilepsy. <i>Current Opinion in Neurobiology</i> , 2011 , 21, 873-9	7.6	78
113	Cell domain-dependent changes in the glutamatergic and GABAergic drives during epileptogenesis in the rat CA1 region. <i>Journal of Physiology</i> , 2007 , 578, 193-211	3.9	76

112	Electrophoretic drug delivery for seizure control. <i>Science Advances</i> , 2018 , 4, eaau1291	14.3	76
111	Treatment during a vulnerable developmental period rescues a genetic epilepsy. <i>Nature Medicine</i> , 2015 , 21, 1436-44	50.5	73
110	Permittivity coupling across brain regions determines seizure recruitment in partial epilepsy. <i>Journal of Neuroscience</i> , 2014 , 34, 15009-21	6.6	70
109	Changes in interictal spike features precede the onset of temporal lobe epilepsy. <i>Annals of Neurology</i> , 2012 , 71, 805-14	9.4	67
108	Interneurons are not so dormant in temporal lobe epilepsy: a critical reappraisal of the dormant basket cell hypothesis. <i>Epilepsy Research</i> , 1998 , 32, 93-103	3	65
107	WONOE appraisal: Molecular and cellular biomarkers for epilepsy. <i>Epilepsia</i> , 2016 , 57, 1354-62	6.4	62
106	Model of local connectivity patterns in CA3 and CA1 areas of the hippocampus. <i>Hippocampus</i> , 1994 , 4, 497-529	3.5	57
105	Excitatory GABA: How a Correct Observation May Turn Out to be an Experimental Artifact. <i>Frontiers in Pharmacology</i> , 2012 , 3, 65	5.6	54
104	Seizure Forecasting from Idea to Reality. Outcomes of the My Seizure Gauge Epilepsy Innovation Institute Workshop. <i>ENeuro</i> , 2017 , 4,	3.9	53
103	Selective Activation of Resting-State Networks following Focal Stimulation in a Connectome-Based Network Model of the Human Brain. <i>ENeuro</i> , 2016 , 3,	3.9	52
102	A glucose sensor via stable immobilization of the GOx enzyme on an organic transistor using a polymer brush. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 372-377	2.5	50
101	Predicting and treating stress-induced vulnerability to epilepsy and depression. <i>Annals of Neurology</i> , 2015 , 78, 128-36	9.4	49
100	Effects of Single Cage Housing on Stress, Cognitive, and Seizure Parameters in the Rat and Mouse Pilocarpine Models of Epilepsy. <i>ENeuro</i> , 2019 , 6,	3.9	48
99	Distance-dependent modifiable threshold for action potential back-propagation in hippocampal dendrites. <i>Journal of Neurophysiology</i> , 2003 , 90, 1807-16	3.2	44
98	Pro-epileptic changes in synaptic function can be accompanied by pro-epileptic changes in neuronal excitability. <i>Trends in Neurosciences</i> , 1998 , 21, 167-74	13.3	41
97	Hub GABA neurons mediate gamma-frequency oscillations at ictal-like event onset in the immature hippocampus. <i>Neuron</i> , 2012 , 74, 57-64	13.9	40
96	Seizures, refractory status epilepticus, and depolarization block as endogenous brain activities. <i>Physical Review E</i> , 2015 , 91, 010701	2.4	39
95	Computational modeling of seizure dynamics using coupled neuronal networks: factors shaping epileptiform activity. <i>PLoS Computational Biology</i> , 2015 , 11, e1004209	5	38

94	Hyperexcitability of the CA1 hippocampal region during epileptogenesis. <i>Epilepsia</i> , 2007 , 48 Suppl 5, 131-9	6.4	38
93	Autoclave Sterilization of PEDOT:PSS Electrophysiology Devices. <i>Advanced Healthcare Materials</i> , 2016 , 5, 3094-3098	10.1	37
92	Fast-Slow Bursters in the Unfolding of a High Codimension Singularity and the Ultra-slow Transitions of Classes. <i>Journal of Mathematical Neuroscience</i> , 2017 , 7, 7	2.4	36
91	Differential dorso-ventral distributions of Kv4.2 and HCN proteins confer distinct integrative properties to hippocampal CA1 pyramidal cell distal dendrites. <i>Journal of Biological Chemistry</i> , 2012 , 287, 17656-17661	5.4	36
90	Plasticity of AMPA and NMDA receptor-mediated epileptiform activity in a chronic model of temporal lobe epilepsy. <i>Epilepsy Research</i> , 1995 , 21, 95-107	3	34
89	Dorsoventral differences in intrinsic properties in developing CA1 pyramidal cells. <i>Journal of Neuroscience</i> , 2012 , 32, 3736-47	6.6	33
88	Distribution of spontaneous currents along the somato-dendritic axis of rat hippocampal CA1 pyramidal neurons. <i>Neuroscience</i> , 2000 , 99, 593-603	3.9	33
87	Expression of EPSP/spike potentiation following low frequency and tetanic stimulation in the CA1 area of the rat hippocampus. <i>Journal of Neuroscience</i> , 1995 , 15, 6542-51	6.6	33
86	Redox modulation of synaptic responses and plasticity in rat CA1 hippocampal neurons. <i>Experimental Brain Research</i> , 1997 , 113, 343-52	2.3	32
85	Cycles in epilepsy. <i>Nature Reviews Neurology</i> , 2021 , 17, 267-284	15	32
84	Endogenous multidien rhythm of epilepsy in rats. <i>Experimental Neurology</i> , 2019 , 315, 82-87	5.7	31
83	Individual structural features constrain the mouse functional connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 ,	11.5	31
82	A bilayered PVA/PLGA-bioresorbable shuttle to improve the implantation of flexible neural probes. <i>Journal of Neural Engineering</i> , 2018 , 15, 065001	5	31
81	The Virtual Mouse Brain: A Computational Neuroinformatics Platform to Study Whole Mouse Brain Dynamics. <i>ENeuro</i> , 2017 , 4,	3.9	30
80	Interneurons targeting similar layers receive synaptic inputs with similar kinetics. <i>Hippocampus</i> , 2006 , 16, 408-20	3.5	29
79	A taxonomy of seizure dynamotypes. <i>ELife</i> , 2020 , 9,	8.9	29
78	Neuroinflammation Alters Integrative Properties of Rat Hippocampal Pyramidal Cells. <i>Molecular Neurobiology</i> , 2018 , 55, 7500-7511	6.2	27
77	Common data elements and data management: Remedy to cure underpowered preclinical studies. <i>Epilepsy Research</i> , 2017 , 129, 87-90	3	26

76	The Nucleus Reuniens Controls Long-Range Hippocampo-Prefrontal Gamma Synchronization during Slow Oscillations. <i>Journal of Neuroscience</i> , 2018 , 38, 3026-3038	6.6	26
75	A role for synaptic and network plasticity in controlling epileptiform activity in CA1 in the kainic acid-lesioned rat hippocampus in vitro. <i>Journal of Physiology</i> , 1996 , 495 (Pt 1), 127-42	3.9	26
74	The circadian dynamics of the hippocampal transcriptome and proteome is altered in experimental temporal lobe epilepsy. <i>Science Advances</i> , 2020 , 6,	14.3	24
73	Investigation of linear coupling between single-event blood flow responses and interictal discharges in a model of experimental epilepsy. <i>Journal of Neurophysiology</i> , 2010 , 103, 3139-52	3.2	21
72	Simultaneous expression of long-term depression of NMDA and long-term potentiation of AMPA receptor-mediated synaptic responses in the CA1 area of the kainic acid-lesioned hippocampus. <i>European Journal of Neuroscience</i> , 1995 , 7, 1651-5	3.5	20
71	Monitoring Intrinsic Optical Signals in Brain Tissue with Organic Photodetectors. <i>Advanced Materials Technologies</i> , 2018 , 3, 1700333	6.8	19
70	Methodological standards for in vitro models of epilepsy and epileptic seizures. A TASK1-WG4 report of the AES/ILAE Translational Task Force of the ILAE. <i>Epilepsia</i> , 2017 , 58 Suppl 4, 40-52	6.4	19
69	Metabolic responses differentiate between interictal, ictal and persistent epileptiform activity in intact, immature hippocampus in vitro. <i>Neurobiology of Disease</i> , 2015 , 75, 1-14	7.5	19
68	Early-life exposure to caffeine affects the construction and activity of cortical networks in mice. <i>Experimental Neurology</i> , 2017 , 295, 88-103	5.7	19
67	Redox sites of NMDA receptors can modulate epileptiform activity in hippocampal slices from kainic acid-treated rats. <i>Neuroscience Letters</i> , 1996 , 212, 171-4	3.3	18
66	Propagation of parallel fiber volleys in the cerebellar cortex: a computer simulation. <i>Brain Research</i> , 1991 , 565, 195-208	3.7	17
65	Postictal electroencephalographic (EEG) suppression: A stereo-EEG study of 100 focal to bilateral tonic-clonic seizures. <i>Epilepsia</i> , 2019 , 60, 63-73	6.4	17
64	Simultaneous expression of excitatory postsynaptic potential/spike potentiation and excitatory postsynaptic potential/spike depression in the hippocampus. <i>Neuroscience</i> , 1995 , 67, 73-82	3.9	15
63	Synaptic integration of NMDA and non-NMDA receptors in large neuronal network models solved by means of differential equations. <i>Biological Cybernetics</i> , 1994 , 70, 267-73	2.8	15
62	The Kainic Acid Models of Temporal Lobe Epilepsy. <i>ENeuro</i> , 2021 , 8,	3.9	14
61	Antioxidant treatment after epileptogenesis onset prevents comorbidities in rats sensitized by a past stressful event. <i>Epilepsia</i> , 2019 , 60, 648-655	6.4	12
60	Model of spatio-temporal propagation of action potentials in the Schaffer collateral pathway of the CA1 area of the rat hippocampus. <i>Hippocampus</i> , 1997 , 7, 58-72	3.5	12
59	Changes in neuronal excitability and synaptic function in a chronic model of temporal lobe epilepsy. <i>Neuroscience</i> , 2001 , 103, 17-26	3.9	12

58	The Epileptor Model: A Systematic Mathematical Analysis Linked to the Dynamics of Seizures, Refractory Status Epilepticus, and Depolarization Block. <i>ENeuro</i> , 2020 , 7,	3.9	12
57	Computing hubs in the hippocampus and cortex. <i>Science Advances</i> , 2019 , 5, eaax4843	14.3	11
56	Brain state-dependent neuronal computation. <i>Frontiers in Computational Neuroscience</i> , 2012 , 6, 77	3.5	11
55	Brain state dependent postinhibitory rebound in entorhinal cortex interneurons. <i>Journal of Neuroscience</i> , 2012 , 32, 6501-10	6.6	11
54	How do we use in vitro models to understand epileptiform and ictal activity? A report of the TASK1-WG4 group of the ILAE/AES Joint Translational Task Force. <i>Epilepsia Open</i> , 2018 , 3, 460-473	4	11
53	Modern concepts of seizure modeling. <i>International Review of Neurobiology</i> , 2014 , 114, 121-53	4.4	10
52	Effects of recurrent collateral inhibition on Purkinje cell activity in the immature rat cerebellar cortex--an in vivo electrophysiological study. <i>Brain Research</i> , 1993 , 626, 234-58	3.7	10
51	Spreading depression: epilepsy's wave of death. <i>Science Translational Medicine</i> , 2015 , 7, 282fs14	17.5	9
50	Active direct current (DC) shifts and "Red slow": two new concepts for seizure mechanisms and identification of the epileptogenic zone. <i>Neuroscience Research</i> , 2020 , 156, 95-101	2.9	9
49	Dogma and dreams: experimental lessons for epilepsy mechanism chasers. <i>Cellular and Molecular Life Sciences</i> , 2005 , 62, 1177-81	10.3	9
48	Optimal approximation of square integrable functions by a flexible one-hidden-layer neural network of excitatory and inhibitory neuron pairs. <i>Neural Networks</i> , 1991 , 4, 803-815	9.1	9
47	Multimodal Characterization of Neural Networks Using Highly Transparent Electrode Arrays. <i>ENeuro</i> , 2018 , 5,	3.9	9
46	Caffeine Consumption During Pregnancy Accelerates the Development of Cognitive Deficits in Offspring in a Model of Tauopathy. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 438	6.1	8
45	Alterations in synaptic function in epilepsy. <i>Epilepsia</i> , 2010 , 51, 42-42	6.4	8
44	Reversal of excitatory postsynaptic potential/spike potentiation in the CA1 area of the rat hippocampus. <i>Neuroscience</i> , 1998 , 86, 431-6	3.9	8
43	Molecular detection methods of resistance to antituberculosis drugs in Mycobacterium tuberculosis. <i>Médecine Et Maladies Infectieuses</i> , 2017 , 47, 340-348	4	7
42	Sheep pox in Tunisia: Current status and perspectives. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 50-63	4.2	7
41	The Diathesis-Epilepsy Model: How Past Events Impact the Development of Epilepsy and Comorbidities. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016 , 6,	5.4	7

40	On the interpretation of results obtained in singly housed animals. <i>Epilepsia</i> , 2019 , 60, 2013-2015	6.4	7
39	Plastic neuronal probes for implantation in cortical and subcortical areas of the rat brain. <i>International Journal of Nanotechnology</i> , 2012 , 9, 517	1.5	7
38	Hippocampal Slices: Designing and Interpreting Studies in Epilepsy Research 2006 , 59-72		7
37	Effects of collateral inhibition in a model of the immature rat cerebellar cortex: multineuron correlations. <i>Cognitive Brain Research</i> , 1993 , 1, 100-22		7
36	Monitoring fluorescent calcium signals in neural cells with organic photodetectors. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 9049-9056	7.1	6
35	MULAN: Evaluation and ensemble statistical inference for functional connectivity. <i>NeuroImage</i> , 2018 , 166, 167-184	7.9	6
34	Interneurons contribute to the hemodynamic/metabolic response to epileptiform discharges. <i>Journal of Neurophysiology</i> , 2016 , 115, 1157-69	3.2	6
33	Epileptiform activity but not synaptic plasticity is blocked by oxidation of NMDA receptors in a chronic model of temporal lobe epilepsy. <i>Epilepsy Research</i> , 1997 , 26, 373-80	3	6
32	Dendrites and disease 2007 , 531-550		6
31	Convergence of adenosine and GABA signaling for synapse stabilization during development. <i>Science</i> , 2021 , 374, eabk2055	33.3	5
30	Neuronal cascades shape whole-brain functional dynamics at rest		5
29	Spatio-temporal heterogeneity in hippocampal metabolism in control and epilepsy conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
28	Postictal stereo-EEG changes following bilateral tonic-clonic seizures. <i>Epilepsia</i> , 2019 , 60, 1743-1745	6.4	4
27	Low α Main Peak Frequency in the Electroencephalogram Signs Vulnerability to Depression. <i>Frontiers in Neuroscience</i> , 2016 , 10, 495	5.1	4
26	Understanding and Predicting Epilepsy [Life Sciences]. <i>IEEE Signal Processing Magazine</i> , 2016 , 33, 90-95	9.4	4
25	Circadian/multidien Molecular Oscillations and Rhythmicity of Epilepsy (MORE). <i>Epilepsia</i> , 2021 , 62 Suppl 1, S49-S68	6.4	4
24	Dynamic core-periphery structure of information sharing networks in entorhinal cortex and hippocampus. <i>Network Neuroscience</i> , 2020 , 4, 946-975	5.6	3
23	Using Monte-Carlo-simulated radiation transport to calculate dose distribution in rats before irradiation with Leksell Gamma Knife 4C: technical note. <i>Stereotactic and Functional Neurosurgery</i> , 2010 , 88, 208-15	1.6	3

22	Non-involvement of the redox site of NMDA receptors in bidirectional synaptic plasticity in the CA1 area of the rat hippocampus in vitro. <i>Neuroscience Letters</i> , 1995 , 193, 197-200	3.3	3
21	Cell Assemblies in the Cortico-Hippocampal-Reuniens Network during Slow Oscillations. <i>Journal of Neuroscience</i> , 2020 , 40, 8343-8354	6.6	3
20	Cell assemblies in the cortico-hippocampal-reuniens network during slow oscillations		3
19	Individual structural features constrain the mouse functional connectome		2
18	Hippocampus In Vitro 2017 , 261-272		2
17	The circadian hippocampus and its reprogramming in epilepsy: impact for chronotherapeutics		2
16	The Virtual Mouse Brain: a computational neuroinformatics platform to study whole mouse brain dynamics		2
15	Modeling seizures: From single neurons to networks. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 90, 4-8	3.2	2
14	Neuronal Cascades Shape Whole-Brain Functional Dynamics at Rest. <i>ENeuro</i> , 2021 , 8,	3.9	2
13	A unified physiological framework of transitions between seizures, sustained ictal activity and depolarization block at the single neuron level.. <i>Journal of Computational Neuroscience</i> , 2022 , 50, 33	1.4	1
12	The Functional and Structural Impact of Epileptic Seizures on the Adult Brain 2010 , 329-334		1
11	In Vivo Characterization of Neurophysiological Diversity in the Lateral Supramammillary Nucleus during Hippocampal Sharp-wave Ripples of Adult Rats. <i>Neuroscience</i> , 2020 , 435, 95-111	3.9	1
10	Design and Operation of Hybrid Microfluidic Iontronic Probes for Regulated Drug Delivery. <i>Advanced Materials Technologies</i> , 2021 , 6, 2001006	6.8	1
9	PEDOT:PSS electrodes for acute experimental evaluation of vagus nerve stimulation on rodents. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2018 , 2018, 4760-4763	0.9	1
8	Virtual Brain for neurological disease modeling. <i>Drug Discovery Today: Disease Models</i> , 2016 , 19, 5-10	1.3	0
7	Treating epilepsy with a light potassium diet. <i>Science Translational Medicine</i> , 2012 , 4, 161fs40	17.5	0
6	Antiseizure effects of Anacyclus pyrethrum in socially isolated rats with and without a positive handling strategy. <i>Epilepsia</i> , 2021 , 62, 2551-2564	6.4	0
5	Dysfunction of the redox-sensitive transcription factor Nrf2 in vulnerable animals. <i>Molecular Psychiatry</i> , 2017 , 22, 1655-1655	15.1	

- 4 Neurostéroïdes et épilepsie. *Epilepsies*, **2009**, 21, 367-373
- 3 GABA | Plasticity of GABAergic Systems during Epileptogenesis **2009**, 308-314
- 2 Seizures: About the right time to explore their mechanisms. *Epilepsia*, **2021**, 62 Suppl 1, S1 6.4
- 1 Synaptic integration of NMDA and non-NMDA receptors in large neuronal network models solved by means of differential equations. *Biological Cybernetics*, **1994**, 70, 267-273 2.8