

# Marco M De Curtis

## List of Publications by Citations

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189  
papers

7,253  
citations

46  
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195  
ext. papers

8,365  
ext. citations

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6.04  
L-index

#	Paper	IF	Citations
189	Selective increase in T-type calcium conductance of reticular thalamic neurons in a rat model of absence epilepsy. <i>Journal of Neuroscience</i> , <b>1995</b> , 15, 3110-7	6.6	326
188	Interictal spikes in focal epileptogenesis. <i>Progress in Neurobiology</i> , <b>2001</b> , 63, 541-67	10.9	316
187	Synchronization and desynchronization in epilepsy: controversies and hypotheses. <i>Journal of Physiology</i> , <b>2013</b> , 591, 787-97	3.9	312
186	Epilepsy. <i>Nature Reviews Disease Primers</i> , <b>2018</b> , 4, 18024	51.1	269
185	Seizure control and treatment in pregnancy: observations from the EURAP epilepsy pregnancy registry. <i>Neurology</i> , <b>2006</b> , 66, 354-60	6.5	253
184	GABAergic synchronization in the limbic system and its role in the generation of epileptiform activity. <i>Progress in Neurobiology</i> , <b>2011</b> , 95, 104-32	10.9	183
183	Seizure-induced brain-borne inflammation sustains seizure recurrence and blood-brain barrier damage. <i>Annals of Neurology</i> , <b>2012</b> , 72, 82-90	9.4	179
182	An excitatory loop with astrocytes contributes to drive neurons to seizure threshold. <i>PLoS Biology</i> , <b>2010</b> , 8, e1000352	9.7	157
181	Fast activity at seizure onset is mediated by inhibitory circuits in the entorhinal cortex in vitro. <i>Annals of Neurology</i> , <b>2008</b> , 64, 674-86	9.4	151
180	Intrinsic properties of nucleus reticularis thalami neurones of the rat studied in vitro. <i>Journal of Physiology</i> , <b>1989</b> , 416, 111-22	3.9	149
179	The rhinal cortices: a wall of inhibition between the neocortex and the hippocampus. <i>Progress in Neurobiology</i> , <b>2004</b> , 74, 101-10	10.9	145
178	Role of the hippocampal-entorhinal loop in temporal lobe epilepsy: extra- and intracellular study in the isolated guinea pig brain in vitro. <i>Journal of Neuroscience</i> , <b>1992</b> , 12, 1867-81	6.6	143
177	The isolated and perfused brain of the guinea-pig in vitro. <i>European Journal of Neuroscience</i> , <b>1993</b> , 5, 915-26	3.5	135
176	Activity-dependent pH shifts and periodic recurrence of spontaneous interictal spikes in a model of focal epileptogenesis. <i>Journal of Neuroscience</i> , <b>1998</b> , 18, 7543-51	6.6	134
175	In vivo and in vitro effects of pilocarpine: relevance to ictogenesis. <i>Epilepsia</i> , <b>2007</b> , 48, 1934-46	6.4	130
174	The electrophysiology of the olfactory-hippocampal circuit in the isolated and perfused adult mammalian brain in vitro. <i>Hippocampus</i> , <b>1991</b> , 1, 341-54	3.5	107
173	Neurosphere-derived cells exert a neuroprotective action by changing the ischemic microenvironment. <i>PLoS ONE</i> , <b>2007</b> , 2, e373	3.7	102

172	Reevaluating the mechanisms of focal ictogenesis: The role of low-voltage fast activity. <i>Epilepsia</i> , <b>2009</b> , 50, 2514-25	6.4	99
171	Electrophysiological characteristics of morphologically identified reticular thalamic neurons from rat slices. <i>Neuroscience</i> , <b>1988</b> , 27, 629-38	3.9	94
170	Hemispherotomy and functional hemispherectomy: indications and outcome. <i>Epilepsy Research</i> , <b>2010</b> , 89, 104-12	3	92
169	Postsynaptic Hebbian and non-Hebbian long-term potentiation of synaptic efficacy in the entorhinal cortex in slices and in the isolated adult guinea pig brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1990</b> , 87, 9280-4	11.5	92
168	How can we identify ictal and interictal abnormal activity?. <i>Advances in Experimental Medicine and Biology</i> , <b>2014</b> , 813, 3-23	3.6	86
167	Specific imbalance of excitatory/inhibitory signaling establishes seizure onset pattern in temporal lobe epilepsy. <i>Journal of Neurophysiology</i> , <b>2016</b> , 115, 3229-37	3.2	83
166	Mechanisms of C-reactive protein-induced blood-brain barrier disruption. <i>Stroke</i> , <b>2009</b> , 40, 1458-66	6.7	82
165	The role of the thalamus in vigilance and epileptogenic mechanisms. <i>Clinical Neurophysiology</i> , <b>2000</b> , 111 Suppl 2, S19-26	4.3	80
164	Modeling of seizure transitions with ion concentration dynamics. <i>BMC Neuroscience</i> , <b>2015</b> , 16,	3.2	78
163	Simultaneous investigation of the neuronal and vascular compartments in the guinea pig brain isolated in vitro. <i>Brain Research Protocols</i> , <b>1998</b> , 3, 221-8		78
162	GABAergic networks jump-start focal seizures. <i>Epilepsia</i> , <b>2016</b> , 57, 679-87	6.4	75
161	Olfactory inputs activate the medial entorhinal cortex via the hippocampus. <i>Journal of Neurophysiology</i> , <b>2000</b> , 83, 1924-31	3.2	72
160	Biomarkers of epileptogenic zone defined by quantified stereo-EEG analysis. <i>Epilepsia</i> , <b>2014</b> , 55, 296-305	6.4	67
159	Acute induction of epileptiform discharges by pilocarpine in the in vitro isolated guinea-pig brain requires enhancement of blood-brain barrier permeability. <i>Neuroscience</i> , <b>2008</b> , 151, 303-12	3.9	66
158	Propagation dynamics of epileptiform activity acutely induced by bicuculline in the hippocampal-parahippocampal region of the isolated Guinea pig brain. <i>Epilepsia</i> , <b>2005</b> , 46, 1914-25	6.4	65
157	Multifocal spontaneous epileptic activity induced by restricted bicuculline ejection in the piriform cortex of the isolated guinea pig brain. <i>Journal of Neurophysiology</i> , <b>1994</b> , 71, 2463-76	3.2	65
156	Moderate hypoxia followed by reoxygenation results in blood-brain barrier breakdown via oxidative stress-dependent tight-junction protein disruption. <i>PLoS ONE</i> , <b>2013</b> , 8, e82823	3.7	63
155	Caspase-3 contributes to ZO-1 and Cl-5 tight-junction disruption in rapid anoxic neurovascular unit damage. <i>PLoS ONE</i> , <b>2011</b> , 6, e16760	3.7	61

154	Cysteinyl-leukotrienes receptor activation in brain inflammatory reactions and cerebral edema formation: a role for transcellular biosynthesis of cysteinyl-leukotrienes. <i>FASEB Journal</i> , <b>2004</b> , 18, 842-4	0.9	61
153	Evidence for spatial modules mediated by temporal synchronization of carbachol-induced gamma rhythm in medial entorhinal cortex. <i>Journal of Neuroscience</i> , <b>2000</b> , 20, 7846-54	6.6	60
152	Epileptiform ictal discharges are prevented by periodic interictal spiking in the olfactory cortex. <i>Annals of Neurology</i> , <b>2003</b> , 53, 382-9	9.4	59
151	Excitatory amino acids mediate responses elicited in vitro by stimulation of cortical afferents to reticularis thalami neurons of the rat. <i>Neuroscience</i> , <b>1989</b> , 33, 275-83	3.9	58
150	Hippocampal hyperexcitability and specific epileptiform activity in a mouse model of Dravet syndrome. <i>Epilepsia</i> , <b>2013</b> , 54, 1251-61	6.4	55
149	Expression of adhesion factors induced by epileptiform activity in the endothelium of the isolated guinea pig brain in vitro. <i>Epilepsia</i> , <b>2007</b> , 48, 743-51	6.4	55
148	Propagation of neuronal activity along the neocortical-perirhinal-entorhinal pathway in the guinea pig. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 9972-9	6.6	52
147	Modalities of distortion of physiological voltage signals by patch-clamp amplifiers: a modeling study. <i>Biophysical Journal</i> , <b>1998</b> , 74, 831-42	2.9	52
146	Methodological standards and interpretation of video-electroencephalography in adult control rodents. A TASK1-WG1 report of the AES/ILAE Translational TaskForce of the ILAE. <i>Epilepsia</i> , <b>2017</b> , 58 Suppl 4, 10-27	6.4	51
145	Cortical versus thalamic mechanisms underlying spike and wave discharges in GAERS. <i>Epilepsy Research</i> , <b>1996</b> , 26, 37-44	3	50
144	Cellular mechanisms underlying spontaneous interictal spikes in an acute model of focal cortical epileptogenesis. <i>Neuroscience</i> , <b>1999</b> , 88, 107-17	3.9	47
143	Do seizures and epileptic activity worsen epilepsy and deteriorate cognitive function?. <i>Epilepsia</i> , <b>2013</b> , 54 Suppl 8, 14-21	6.4	46
142	Identification of reproducible ictal patterns based on quantified frequency analysis of intracranial EEG signals. <i>Epilepsia</i> , <b>2011</b> , 52, 477-88	6.4	45
141	Network activity evoked by neocortical stimulation in area 36 of the guinea pig perirhinal cortex. <i>Journal of Neurophysiology</i> , <b>2001</b> , 86, 164-72	3.2	44
140	Synchronous inhibitory potentials precede seizure-like events in acute models of focal limbic seizures. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 3048-55	6.6	43
139	Localization of Epileptogenic Zone on Pre-surgical Intracranial EEG Recordings: Toward a Validation of Quantitative Signal Analysis Approaches. <i>Brain Topography</i> , <b>2015</b> , 28, 832-7	4.3	41
138	Does interictal synchronization influence ictogenesis?. <i>Neuropharmacology</i> , <b>2013</b> , 69, 37-44	5.5	40
137	Slow periodic events and their transition to gamma oscillations in the entorhinal cortex of the isolated Guinea pig brain. <i>Journal of Neurophysiology</i> , <b>2003</b> , 90, 39-46	3.2	40

136	Changes in action potential features during focal seizure discharges in the entorhinal cortex of the in vitro isolated guinea pig brain. <i>Journal of Neurophysiology</i> , <b>2011</b> , 106, 1411-23	3.2	38
135	Olfactory input to the parahippocampal region of the isolated guinea pig brain reveals weak entorhinal-to-perirhinal interactions. <i>European Journal of Neuroscience</i> , <b>2003</b> , 18, 95-101	3.5	38
134	Persistent excitability changes in the piriform cortex of the isolated guinea-pig brain after transient exposure to bicuculline. <i>European Journal of Neuroscience</i> , <b>1997</b> , 9, 435-51	3.5	37
133	Carbachol induces fast oscillations in the medial but not in the lateral entorhinal cortex of the isolated guinea pig brain. <i>Journal of Neurophysiology</i> , <b>1999</b> , 82, 2441-50	3.2	34
132	Associative synaptic potentials in the piriform cortex of the isolated guinea-pig brain in vitro. <i>European Journal of Neuroscience</i> , <b>1995</b> , 7, 54-64	3.5	34
131	Circadian clustering of spontaneous epileptic seizures emerges after pilocarpine-induced status epilepticus. <i>Epilepsia</i> , <b>2017</b> , 58, 1159-1171	6.4	32
130	Interneuronal Network Activity at the Onset of Seizure-Like Events in Entorhinal Cortex Slices. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 10398-10407	6.6	32
129	Seizure activity per se does not induce tissue damage markers in human neocortical focal epilepsy. <i>Annals of Neurology</i> , <b>2017</b> , 82, 331-341	9.4	31
128	Blood-brain barrier preservation in the in vitro isolated guinea pig brain preparation. <i>Journal of Neuroscience Research</i> , <b>2001</b> , 66, 289-97	4.4	31
127	Stimulus-evoked potentials contribute to map the epileptogenic zone during stereo-EEG presurgical monitoring. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 4267-81	5.9	30
126	A guinea pig model of mesial temporal lobe epilepsy following nonconvulsive status epilepticus induced by unilateral intrahippocampal injection of kainic acid. <i>Epilepsia</i> , <b>2012</b> , 53, 1917-27	6.4	30
125	Fatal congenital myopathy and gastrointestinal pseudo-obstruction due to POLG1 mutations. <i>Neurology</i> , <b>2009</b> , 72, 1103-5	6.5	30
124	Network dynamics during the progression of seizure-like events in the hippocampal-parahippocampal regions. <i>Cerebral Cortex</i> , <b>2014</b> , 24, 163-73	5.1	29
123	Synchronous GABA-receptor-dependent potentials in limbic areas of the in-vitro isolated adult guinea pig brain. <i>European Journal of Neuroscience</i> , <b>2009</b> , 29, 911-20	3.5	29
122	Hippocampus-mediated activation of superficial and deep layer neurons in the medial entorhinal cortex of the isolated guinea pig brain. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 873-81	6.6	29
121	Polysynaptic olfactory pathway to the ipsi- and contralateral entorhinal cortex mediated via the hippocampus. <i>Neuroscience</i> , <b>2005</b> , 130, 249-58	3.9	29
120	Optical recording of cortical activity after in vitro perfusion of cerebral arteries with a voltage-sensitive dye. <i>Brain Research</i> , <b>1999</b> , 837, 314-9	3.7	29
119	Entorhinal cortex long-term potentiation evoked by theta-patterned stimulation of associative fibers in the isolated in vitro guinea pig brain. <i>Brain Research</i> , <b>1993</b> , 600, 327-30	3.7	28

118	Network hyperexcitability within the deep layers of the pilocarpine-treated rat entorhinal cortex. <i>Journal of Physiology</i> , <b>2008</b> , 586, 1867-83	3.9	27
117	On the ictogenic properties of the piriform cortex in vitro. <i>Epilepsia</i> , <b>2012</b> , 53, 459-68	6.4	26
116	Discharge threshold is enhanced for several seconds after a single interictal spike in a model of focal epileptogenesis. <i>European Journal of Neuroscience</i> , <b>2001</b> , 14, 174-8	3.5	26
115	Independent epileptiform discharge patterns in the olfactory and limbic areas of the in vitro isolated Guinea pig brain during 4-aminopyridine treatment. <i>Journal of Neurophysiology</i> , <b>2010</b> , 103, 2728-36	3.3	25
114	Topographic distribution of direct and hippocampus- mediated entorhinal cortex activity evoked by olfactory tract stimulation. <i>European Journal of Neuroscience</i> , <b>2004</b> , 20, 1897-905	3.5	24
113	Molecular anatomy of the cerebral microvessels in the isolated guinea-pig brain. <i>Brain Research</i> , <b>2004</b> , 999, 81-90	3.7	24
112	Initiation, Propagation, and Termination of Partial (Focal) Seizures. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2015</b> , 5, a022368	5.4	23
111	Calcium-binding protein immunoreactivity in the piriform cortex of the guinea-pig: selective staining of subsets of non-GABAergic neurons by calretinin. <i>Neuroscience</i> , <b>1998</b> , 83, 229-37	3.9	23
110	Nitric oxide synthase inhibitors unmask acetylcholine-mediated constriction of cerebral vessels in the in vitro isolated guinea-pig brain. <i>Neuroscience</i> , <b>2000</b> , 101, 283-7	3.9	23
109	Low-voltage activated T-type calcium currents are differently expressed in superficial and deep layers of guinea pig piriform cortex. <i>Journal of Neurophysiology</i> , <b>1998</b> , 79, 808-16	3.2	23
108	Arterial supply of limbic structures in the guinea pig. <i>Journal of Comparative Neurology</i> , <b>1999</b> , 411, 674-83	3.4	23
107	Distribution of the olfactory fiber input into the olfactory tubercle of the in vitro isolated guinea pig brain. <i>Journal of Neurophysiology</i> , <b>2009</b> , 101, 1613-9	3.2	22
106	Associative interactions within the superficial layers of the entorhinal cortex of the guinea pig. <i>Journal of Neurophysiology</i> , <b>2002</b> , 88, 1159-65	3.2	22
105	Increased discharge threshold after an interictal spike in human focal epilepsy. <i>European Journal of Neuroscience</i> , <b>2005</b> , 22, 2971-6	3.5	22
104	Cytoarchitectonic characterization of the parahippocampal region of the guinea pig. <i>Journal of Comparative Neurology</i> , <b>2004</b> , 474, 289-303	3.4	21
103	Activation of cerebral endothelium is required for mononuclear cell recruitment in a novel in vitro model of brain inflammation. <i>Neuroscience</i> , <b>2006</b> , 137, 1211-9	3.9	20
102	Different parvalbumin and GABA expression in human epileptogenic focal cortical dysplasia. <i>Epilepsia</i> , <b>2016</b> , 57, 1109-19	6.4	20
101	Potassium dynamics and seizures: Why is potassium ictogenic?. <i>Epilepsy Research</i> , <b>2018</b> , 143, 50-59	3	19

100	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> , <b>2017</b> , 58 Suppl 4, 40-52	6.4	19
99	Seizure-like discharges induced by 4-aminopyridine in the olfactory system of the in vitro isolated guinea pig brain. <i>Epilepsia</i> , <b>2013</b> , 54, 605-15	6.4	19
98	Ictal but not interictal epileptic discharges activate astrocyte endfeet and elicit cerebral arteriole responses. <i>Frontiers in Cellular Neuroscience</i> , <b>2011</b> , 5, 8	6.1	19
97	Odor-driven activity in the olfactory cortex of an in vitro isolated guinea pig whole brain with olfactory epithelium. <i>Journal of Neurophysiology</i> , <b>2007</b> , 97, 670-9	3.2	19
96	Anti-epileptogenic and Anti-convulsive Effects of Fingolimod in Experimental Temporal Lobe Epilepsy. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 1825-1840	6.2	18
95	Optimization of rapid acquisition with relaxation enhancement (RARE) pulse sequence parameters for $^{19}F$ -MRI studies. <i>Journal of Magnetic Resonance Imaging</i> , <b>2014</b> , 40, 162-70	5.6	17
94	Acute lipophilicity-dependent effect of intravascular simvastatin in the early phase of focal cerebral ischemia. <i>Neuropharmacology</i> , <b>2011</b> , 60, 878-85	5.5	17
93	Olfactory bulb networks revealed by lateral olfactory tract stimulation in the in vitro isolated guinea-pig brain. <i>Neuroscience</i> , <b>2006</b> , 142, 567-77	3.9	17
92	Ultrastructural features of the isolated guinea-pig brain maintained in vitro by arterial perfusion. <i>Neuroscience</i> , <b>1994</b> , 59, 775-88	3.9	17
91	Arterially perfused neurosphere-derived cells distribute outside the ischemic core in a model of transient focal ischemia and reperfusion in vitro. <i>PLoS ONE</i> , <b>2008</b> , 3, e2754	3.7	17
90	Simultaneous enhancement of excitation and postburst inhibition at the end of focal seizures. <i>Annals of Neurology</i> , <b>2014</b> , 76, 826-36	9.4	16
89	Realistic modeling of entorhinal cortex field potentials and interpretation of epileptic activity in the guinea pig isolated brain preparation. <i>Journal of Neurophysiology</i> , <b>2006</b> , 96, 363-77	3.2	16
88	Limbic Network Synchronization and Temporal Lobe Epilepsy <b>2012</b> , 176-189		16
87	WONOE APPRAISAL: The many facets of epilepsy networks. <i>Epilepsia</i> , <b>2018</b> , 59, 1475-1483	6.4	15
86	Stereo-EEG ictal/interictal patterns and underlying pathologies. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2019</b> , 72, 54-60	3.2	15
85	Standards for data acquisition and software-based analysis of in vivo electroencephalography recordings from animals. A TASK1-WG5 report of the AES/ILAE Translational Task Force of the ILAE. <i>Epilepsia</i> , <b>2017</b> , 58 Suppl 4, 53-67	6.4	15
84	Propagation of epileptiform potentials in the guinea-pig piriform cortex is sustained by associative fibres. <i>Epilepsy Research</i> , <b>1996</b> , 24, 137-46	3	15
83	Interactions between associative synaptic potentials in the piriform cortex of the in vitro isolated guinea pig brain. <i>European Journal of Neuroscience</i> , <b>1996</b> , 8, 1350-7	3.5	15

82	The in vitro isolated whole guinea pig brain as a model to study epileptiform activity patterns. <i>Journal of Neuroscience Methods</i> , <b>2016</b> , 260, 83-90	3	14
81	Restless Legs Syndrome across the Lifespan: Symptoms, Pathophysiology, Management and Daily Life Impact of the Different Patterns of Disease Presentation. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	13
80	Methodological standards and functional correlates of depth in vivo electrophysiological recordings in control rodents. A TASK1-WG3 report of the AES/ILAE Translational Task Force of the ILAE. <i>Epilepsia</i> , <b>2017</b> , 58 Suppl 4, 28-39	6.4	13
79	Changes of Ionic Concentrations During Seizure Transitions - A Modeling Study. <i>International Journal of Neural Systems</i> , <b>2017</b> , 27, 1750004	6.2	13
78	Cellular correlates of spontaneous periodic events in the medial entorhinal cortex of the in vitro isolated guinea pig brain. <i>European Journal of Neuroscience</i> , <b>2007</b> , 26, 302-11	3.5	13
77	Early excitability changes in a novel acute model of transient focal ischemia and reperfusion in the in vitro isolated guinea pig brain. <i>Experimental Neurology</i> , <b>2007</b> , 204, 95-105	5.7	13
76	Layer-specific immunocytochemical localization of GABA(B)R1a and GABA(B)R1b receptors in the rat piriform cortex. <i>European Journal of Neuroscience</i> , <b>2000</b> , 12, 1516-20	3.5	13
75	A Novel Focal Seizure Pattern Generated in Superficial Layers of the Olfactory Cortex. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 3544-3554	6.6	12
74	Functional interactions within the parahippocampal region revealed by voltage-sensitive dye imaging in the isolated guinea pig brain. <i>Journal of Neurophysiology</i> , <b>2010</b> , 103, 725-32	3.2	12
73	A novel high channel-count system for acute multisite neuronal recordings. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2006</b> , 53, 1672-7	5	12
72	Ni <sup>2+</sup> slows the activation kinetics of high-voltage-activated Ca <sup>2+</sup> currents in cortical neurons: evidence for a mechanism of action independent of channel-pore block. <i>Journal of Membrane Biology</i> , <b>2001</b> , 179, 243-62	2.3	12
71	A blocker-resistant, fast-decaying, intermediate-threshold calcium current in palaeocortical pyramidal neurons. <i>European Journal of Neuroscience</i> , <b>2000</b> , 12, 2376-86	3.5	12
70	Pharmacological and biophysical characterization of voltage-gated calcium currents in the endopiriform nucleus of the guinea pig. <i>Journal of Neurophysiology</i> , <b>2001</b> , 85, 2076-87	3.2	12
69	Fluoride reversibly blocks HVA calcium current in mammalian thalamic neurones. <i>NeuroReport</i> , <b>1994</b> , 5, 553-6	1.7	12
68	Predictive value of high titer of GAD65 antibodies in a case of limbic encephalitis. <i>Journal of Neuroimmunology</i> , <b>2019</b> , 337, 577063	3.5	11
67	Enhanced thalamo-hippocampal synchronization during focal limbic seizures. <i>Epilepsia</i> , <b>2018</b> , 59, 1774-1784	6.4	11
66	Temporal lobe epilepsy surgery in children and adults: A multicenter study. <i>Epilepsia</i> , <b>2021</b> , 62, 128-142	6.4	11
65	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> , <b>2018</b> , 3, 460-473	4	11



64	Variable electrobehavioral patterns during focal nonconvulsive status epilepticus induced by unilateral intrahippocampal injection of kainic acid. <i>Epilepsia</i> , <b>2014</b> , 55, 1978-85	6.4	10
63	Enhancement of temporal and spatial synchronization of entorhinal gamma activity by phase reset. <i>Hippocampus</i> , <b>2002</b> , 12, 447-56	3.5	10
62	Propagation pattern of entorhinal cortex subfields to the dentate gyrus in the guinea-pig: an electrophysiological study. <i>Neuroscience</i> , <b>2003</b> , 122, 843-51	3.9	10
61	Long-latency, nonreciprocal reflex responses of antagonistic hind limb muscles after cutaneous nerve stimulation in the cat. <i>Experimental Neurology</i> , <b>1982</b> , 76, 58-71	5.7	10
60	Kainic acid-induced albumin leak across the blood-brain barrier facilitates epileptiform hyperexcitability in limbic regions. <i>Epilepsia</i> , <b>2016</b> , 57, 967-76	6.4	10
59	Two main focal seizure patterns revealed by intracerebral electroencephalographic biomarker analysis. <i>Epilepsia</i> , <b>2019</b> , 60, 96-106	6.4	10
58	Targeting PSD95-nNOS interaction by Tat-N-dimer peptide during status epilepticus is neuroprotective in MAM-pilocarpine rat model. <i>Neuropharmacology</i> , <b>2019</b> , 153, 82-97	5.5	9
57	Pravastatin acute neuroprotective effects depend on blood brain barrier integrity in experimental cerebral ischemia. <i>Brain Research</i> , <b>2015</b> , 1615, 31-41	3.7	9
56	GABA receptor-mediated networks during focal seizure onset and progression in vitro. <i>Neurobiology of Disease</i> , <b>2019</b> , 125, 190-197	7.5	8
55	The impact of perampanel treatment on quality of life and psychiatric symptoms in patients with drug-resistant focal epilepsy: An observational study in Italy. <i>Epilepsy and Behavior</i> , <b>2019</b> , 99, 106391	3.2	8
54	Biophysical and pharmacological diversity of high-voltage-activated calcium currents in layer II neurones of guinea-pig piriform cortex. <i>Journal of Physiology</i> , <b>1999</b> , 518 ( Pt 3), 705-20	3.9	8
53	Epileptiform activity in the piriform cortex of the in vitro isolated guinea pig brain preparation. <i>Epilepsy Research</i> , <b>1996</b> , 26, 75-80	3	8
52	Neuronal Networks in the In Vitro Isolated Guinea Pig Brain. <i>Neuromethods</i> , <b>2012</b> , 357-383	0.4	8
51	Epilepsy course during COVID-19 pandemic in three Italian epilepsy centers. <i>Epilepsy and Behavior</i> , <b>2020</b> , 112, 107375	3.2	8
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