

Marco M De Curtis

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

9,147
citations

41344

49
h-index

51608

86
g-index

195
all docs

195
docs citations

195
times ranked

8052
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasounds induce blood-brain barrier opening across a sonolucent polyolefin plate in an in vitro isolated brain preparation. <i>Scientific Reports</i> , 2022, 12, 2906.	3.3	7
2	Perampanel efficacy on focal status epilepticus in Turner's syndrome with combined generalized and focal epilepsy. <i>Clinical Neurophysiology</i> , 2022, 137, 59-62.	1.5	1
3	Temporal lobe epilepsy surgery in children and adults: A multicenter study. <i>Epilepsia</i> , 2021, 62, 128-142.	5.1	33
4	Dendritic pathology, spine loss and synaptic reorganization in human cortex from epilepsy patients. <i>Brain</i> , 2021, 144, 251-265.	7.6	35
5	Mild malformation of cortical development with oligodendroglial hyperplasia (MOGHE): Neurophysiological fingerprints of a new pathological entity. <i>Clinical Neurophysiology</i> , 2021, 132, 154-156.	1.5	9
6	A hypothesis for the role of axon demyelination in seizure generation. <i>Epilepsia</i> , 2021, 62, 583-595.	5.1	23
7	Seizure activity and brain damage in a model of focal non-convulsive status epilepticus. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 679-693.	3.2	9
8	A survey of the European Reference Network EpiCARE on clinical practice for selected rare epilepsies. <i>Epilepsia Open</i> , 2021, 6, 160-170.	2.4	3
9	Peripheral blood mononuclear cell activation sustains seizure activity. <i>Epilepsia</i> , 2021, 62, 1715-1728.	5.1	14
10	Editorial: Glial Dysfunction in Epileptogenesis. <i>Frontiers in Neurology</i> , 2021, 12, 716308.	2.4	6
11	Mapping region-specific seizure-like patterns in the in vitro isolated guinea pig brain. <i>Experimental Neurology</i> , 2021, 342, 113727.	4.1	3
12	Brain pathology in focal status epilepticus: evidence from experimental models. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 834-846.	6.1	6
13	The pilocarpine model of mesial temporal lobe epilepsy: Over one decade later, with more rodent species and new investigative approaches. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 130, 274-291.	6.1	41
14	Seizure-Induced Acute Glial Activation in the in vitro Isolated Guinea Pig Brain. <i>Frontiers in Neurology</i> , 2021, 12, 607603.	2.4	7
15	Impaired awareness in mesial temporal lobe epilepsy: Network analysis of foramen ovale and scalp EEG. <i>Clinical Neurophysiology</i> , 2021, 132, 3084-3094.	1.5	2
16	How deep do we have to go? Recurrent episodes of aura continua with psychic symptoms may be misdiagnosed without intracranial recordings. <i>Clinical Neurophysiology</i> , 2020, 131, 580-582.	1.5	5
17	Advanced intraoperative ultrasound (ioUS) techniques in focal cortical dysplasia (FCD) surgery: A preliminary experience on a case series. <i>Clinical Neurology and Neurosurgery</i> , 2020, 198, 106188.	1.4	11
18	Activity- and pH-dependent adenosine shifts at the end of a focal seizure in the entorhinal cortex. <i>Epilepsy Research</i> , 2020, 165, 106401.	1.6	3

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19	Epilepsy course during COVID-19 pandemic in three Italian epilepsy centers. <i>Epilepsy and Behavior</i> , 2020, 112, 107375.	1.7	15
20	Expanding clinical spectrum of Caspr2 antibody-associated disease: warning on brainstem involvement and respiratory failure.. <i>Journal of the Neurological Sciences</i> , 2020, 413, 116865.	0.6	7
21	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> , 2020, 17, 3658.	2.6	37
22	Quality of life, psychiatric symptoms, and stigma perception in three groups of persons with epilepsy. <i>Epilepsy and Behavior</i> , 2020, 110, 107170.	1.7	4
23	Early Chronic Carbamazepine-in-Food Administration to MAM/Pilocarpine Rats Does Not Affect Convulsive Motor Seizures. <i>Frontiers in Pharmacology</i> , 2020, 11, 181.	3.5	5
24	The understanding of mental states and the cognitive phenotype of frontal lobe epilepsy. <i>Epilepsia</i> , 2020, 61, 747-757.	5.1	12
25	Kir4.1 RNA Interference by In Utero Electroporation Fails to Affect Ictogenesis and Reveals a Possible role of Kir4.1 in Corticogenesis. <i>Neuroscience</i> , 2020, 441, 65-76.	2.3	0
26	Anti-epileptogenic and Anti-convulsive Effects of Fingolimod in Experimental Temporal Lobe Epilepsy. <i>Molecular Neurobiology</i> , 2019, 56, 1825-1840.	4.0	27
27	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> , 2019, 99, 106391.	1.7	12
28	Stereo-EEG ictal/interictal patterns and underlying pathologies. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 72, 54-60.	2.0	37
29	Piriform cortex ictogenicity in vitro. <i>Experimental Neurology</i> , 2019, 321, 113014.	4.1	9
30	Predictive value of high titer of GAD65 antibodies in a case of limbic encephalitis. <i>Journal of Neuroimmunology</i> , 2019, 337, 577063.	2.3	17
31	Epileptiform activity contralateral to unilateral hippocampal sclerosis does not cause the expression of brain damage markers. <i>Epilepsia</i> , 2019, 60, 1184-1199.	5.1	12
32	Targeting PSD95-nNOS interaction by Tat-N-dimer peptide during status epilepticus is neuroprotective in MAM-pilocarpine rat model. <i>Neuropharmacology</i> , 2019, 153, 82-97.	4.1	18
33	GABAA receptor-mediated networks during focal seizure onset and progression in vitro. <i>Neurobiology of Disease</i> , 2019, 125, 190-197.	4.4	12
34	<p>Recording Electrical Brain Activity with Novel Stretchable Electrodes Based on Supersonic Cluster Beam Implantation Nanotechnology on Conformable Polymers</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 10079-10089.	6.7	7
35	Two main focal seizure patterns revealed by intracerebral electroencephalographic biomarker analysis. <i>Epilepsia</i> , 2019, 60, 96-106.	5.1	20
36	Potassium dynamics and seizures: Why is potassium ictogenic?. <i>Epilepsy Research</i> , 2018, 143, 50-59.	1.6	37

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37	Epilepsy. Nature Reviews Disease Primers, 2018, 4, 18024.	30.5	541
38	Distribution of superparamagnetic Au/Fe nanoparticles in an isolated guinea pig brain with an intact blood brain barrier. Nanoscale, 2018, 10, 22420-22428.	5.6	10
39	Adult-onset Rasmussen encephalitis treated with mitoxantrone. European Journal of Neurology, 2018, 25, e125-e126.	3.3	7
40	How do we use in vitro models to understand epileptiform and ictal activity? A report of the TASK-WG4 group of the ILAE/AES Joint Translational Task Force. Epilepsia Open, 2018, 3, 460-473.	2.4	17
41	Methodologic recommendations and possible interpretations of video-EEG recordings in immature rodents used as experimental controls: A TASK-WG2 report of the ILAE/AES Joint Translational Task Force. Epilepsia Open, 2018, 3, 437-459.	2.4	12
42	Enhanced thalamo-hippocampal synchronization during focal limbic seizures. Epilepsia, 2018, 59, 1774-1784.	5.1	17
43	WONOEPP APPRAISAL: The many facets of epilepsy networks. Epilepsia, 2018, 59, 1475-1483.	5.1	27
44	High-frequency oscillations and seizure-like discharges in the entorhinal cortex of the in vitro isolated guinea pig brain. Epilepsy Research, 2017, 130, 21-26.	1.6	6
45	Circadian clustering of spontaneous epileptic seizures emerges after pilocarpine-induced status epilepticus. Epilepsia, 2017, 58, 1159-1171.	5.1	46
46	A Novel Focal Seizure Pattern Generated in Superficial Layers of the Olfactory Cortex. Journal of Neuroscience, 2017, 37, 3544-3554.	3.6	20
47	Interneuronal Network Activity at the Onset of Seizure-Like Events in Entorhinal Cortex Slices. Journal of Neuroscience, 2017, 37, 10398-10407.	3.6	52
48	Seizure activity per se does not induce tissue damage markers in human neocortical focal epilepsy. Annals of Neurology, 2017, 82, 331-341.	5.3	47
49	Methodological standards and functional correlates of depth in vivo electrophysiological recordings in control rodents. A TASK-WG3 report of the AES / ILAE Translational Task Force of the ILAE. Epilepsia, 2017, 58, 28-39.	5.1	17
50	Methodological standards for in vitro models of epilepsy and epileptic seizures. A TASK-WG4 report of the AES/ILAE Translational Task Force of the ILAE. Epilepsia, 2017, 58, 40-52.	5.1	31
51	Standards for data acquisition and software-based analysis of in vivo electroencephalography recordings from animals. A TASK-WG5 report of the AES/ILAE Translational Task Force of the ILAE. Epilepsia, 2017, 58, 53-67.	5.1	18
52	Methodological standards and interpretation of video-electroencephalography in adult control rodents. A TASK-WG1 report of the AES/ILAE Translational Task Force of the ILAE. Epilepsia, 2017, 58, 10-27.	5.1	67
53	Changes of Ionic Concentrations During Seizure Transitions – A Modeling Study. International Journal of Neural Systems, 2017, 27, 1750004.	5.2	15
54	The In Vitro Isolated Guinea Pig Brain in the Study of Ictogenesis. , 2017, , 313-323.		0

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55	Extracellular Potassium and Focal Seizuresâ€”Insight from In Silico Study. Springer Series in Bio-/neuroinformatics, 2017, , 49-72.	0.1	1
56	<scp>GABA</scp>ergic networks jumpâ€”start focal seizures. Epilepsia, 2016, 57, 679-687.	5.1	113
57	Kainic acidâ€”induced albumin leak across the bloodâ€”brain barrier facilitates epileptiform hyperexcitability in limbic regions. Epilepsia, 2016, 57, 967-976.	5.1	13
58	Different parvalbumin and <scp>GABA</scp> expression in human epileptogenic focal cortical dysplasia. Epilepsia, 2016, 57, 1109-1119.	5.1	27
59	Specific imbalance of excitatory/inhibitory signaling establishes seizure onset pattern in temporal lobe epilepsy. Journal of Neurophysiology, 2016, 115, 3229-3237.	1.8	125
60	Fluency tasks generate beta-gamma activity in language-related cortical areas of patients during stereo-EEG monitoring. Brain and Language, 2016, 163, 50-56.	1.6	3
61	The in vitro isolated whole guinea pig brain as a model to study epileptiform activity patterns. Journal of Neuroscience Methods, 2016, 260, 83-90.	2.5	16
62	Increased p<scp>CREB</scp> expression and the spontaneous epileptiform activity in a <scp>BCNU</scp>â€”treated rat model of cortical dysplasia. Epilepsia, 2015, 56, 1343-1354.	5.1	12
63	Modeling of seizure transitions with ion concentration dynamics. BMC Neuroscience, 2015, 16, .	1.9	0
64	Synchronous Inhibitory Potentials Precede Seizure-Like Events in Acute Models of Focal Limbic Seizures. Journal of Neuroscience, 2015, 35, 3048-3055.	3.6	55
65	Initiation, Propagation, and Termination of Partial (Focal) Seizures. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a022368.	6.2	34
66	Pravastatin acute neuroprotective effects depend on blood brain barrier integrity in experimental cerebral ischemia. Brain Research, 2015, 1615, 31-41.	2.2	10
67	Mechanisms of Focal Epileptogenesis. , 2015, , 101-109.		1
68	Fast Activity Evoked by Intracranial 50 Hz Electrical Stimulation as a Marker of the Epileptogenic Zone. International Journal of Neural Systems, 2015, 25, 1550022.	5.2	5
69	Localization of Epileptogenic Zone on Pre-surgical Intracranial EEG Recordings: Toward a Validation of Quantitative Signal Analysis Approaches. Brain Topography, 2015, 28, 832-837.	1.8	58
70	Network Dynamics During the Progression of Seizure-Like Events in the Hippocampalâ€”Parahippocampal Regions. Cerebral Cortex, 2014, 24, 163-173.	2.9	34
71	Variable electrobehavioral patterns during focal nonconvulsive status epilepticus induced by unilateral intrahippocampal injection of kainic acid. Epilepsia, 2014, 55, 1978-1985.	5.1	10
72	Optimization of rapid acquisition with relaxation enhancement (RARE) pulse sequence parameters for ¹⁹Fâ€”MRI studies. Journal of Magnetic Resonance Imaging, 2014, 40, 162-170.	3.4	24

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73	Modern Concepts of Focal Epileptic Networks. International Review of Neurobiology, 2014, 114, 1-7.	2.0	11
74	Biomarkers of epileptogenic zone defined by quantified stereo-EEG analysis. Epilepsia, 2014, 55, 296-305.	5.1	94
75	Stimulus-evoked potentials contribute to map the epileptogenic zone during stereo-EEG presurgical monitoring. Human Brain Mapping, 2014, 35, 4267-4281.	3.6	44
76	How Can We Identify Ictal and Interictal Abnormal Activity?. Advances in Experimental Medicine and Biology, 2014, 813, 3-23.	1.6	138
77	Simultaneous enhancement of excitation and postburst inhibition at the end of focal seizures. Annals of Neurology, 2014, 76, 826-836.	5.3	23
78	Do seizures and epileptic activity worsen epilepsy and deteriorate cognitive function?. Epilepsia, 2013, 54, 14-21.	5.1	56
79	Does interictal synchronization influence ictogenesis?. Neuropharmacology, 2013, 69, 37-44.	4.1	52
80	Synchronization and desynchronization in epilepsy: controversies and hypotheses. Journal of Physiology, 2013, 591, 787-797.	2.9	450
81	Workshop Report "Michael Foundation Forum 2012, Berlin, Germany. Epilepsia, 2013, 54, 565-567.	5.1	0
82	Seizure-like discharges induced by 4-aminopyridine in the olfactory system of the in vitro isolated guinea pig brain. Epilepsia, 2013, 54, 605-615.	5.1	26
83	Hippocampal hyperexcitability and specific epileptiform activity in a mouse model of Dravet syndrome. Epilepsia, 2013, 54, 1251-1261.	5.1	72
84	Different Permeability of Potassium Salts across the Blood-Brain Barrier Follows the Hofmeister Series. PLoS ONE, 2013, 8, e78553.	2.5	6
85	Moderate Hypoxia Followed by Reoxygenation Results in Blood-Brain Barrier Breakdown via Oxidative Stress-Dependent Tight-Junction Protein Disruption. PLoS ONE, 2013, 8, e82823.	2.5	72
86	TRANSITION INTO AND OUT OF A FOCAL SEIZURE. , 2013, , .		0
87	A guinea pig model of mesial temporal lobe epilepsy following nonconvulsive status epilepticus induced by unilateral intrahippocampal injection of kainic acid. Epilepsia, 2012, 53, 1917-1927.	5.1	32
88	Seizure-induced brain-borne inflammation sustains seizure recurrence and blood-brain barrier damage. Annals of Neurology, 2012, 72, 82-90.	5.3	218
89	Penumbra region excitability is not enhanced acutely after cerebral ischemia in the in vitro isolated guinea pig brain. Epilepsia, 2012, 53, 448-458.	5.1	5
90	On the ictogenic properties of the piriform cortex in vitro. Epilepsia, 2012, 53, 459-468.	5.1	28

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91	WONOEPI XI: Workshop summary by the Scientific Organizing Committee. <i>Epilepsia</i> , 2012, 53, 1275-1276.	5.1	1
92	Neuronal Networks in the In Vitro Isolated Guinea Pig Brain. <i>Neuromethods</i> , 2012, , 357-383.	0.3	8
93	Limbic Network Synchronization and Temporal Lobe Epilepsy. , 2012, , 176-189.		28
94	GABAergic synchronization in the limbic system and its role in the generation of epileptiform activity. <i>Progress in Neurobiology</i> , 2011, 95, 104-132.	5.7	222
95	Acute lipophilicity-dependent effect of intravascular simvastatin in the early phase of focal cerebral ischemia. <i>Neuropharmacology</i> , 2011, 60, 878-885.	4.1	21
96	Ictal but Not Interictal Epileptic Discharges Activate Astrocyte Endfeet and Elicit Cerebral Arteriole Responses. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 8.	3.7	20
97	Caspase-3 Contributes to ZO-1 and Cl-5 Tight-Junction Disruption in Rapid Anoxic Neurovascular Unit Damage. <i>PLoS ONE</i> , 2011, 6, e16760.	2.5	75
98	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> , 2011, 106, 1411-1423.	1.8	54
99	Identification of reproducible ictal patterns based on quantified frequency analysis of intracranial EEG signals. <i>Epilepsia</i> , 2011, 52, 477-488.	5.1	58
100	Functional and structural correlates of magnetic resonance patterns in a new in vitro model of cerebral ischemia by transient occlusion of the medial cerebral artery. <i>Neurobiology of Disease</i> , 2010, 39, 181-191.	4.4	9
101	Hemispherotomy and functional hemispherectomy: Indications and outcome. <i>Epilepsy Research</i> , 2010, 89, 104-112.	1.6	115
102	Introduction to the supplement. <i>Epilepsia</i> , 2010, 51, 1-1.	5.1	1
103	Neuronal network synchronization and limbic seizures. <i>Epilepsia</i> , 2010, 51, 19-19.	5.1	1
104	Interictal epileptiform discharges in partial epilepsy: Neurobiologic mechanisms based on clinical and experimental evidence. <i>Epilepsia</i> , 2010, 51, 22-22.	5.1	1
105	Functional Interactions Within the Parahippocampal Region Revealed by Voltage-Sensitive Dye Imaging in the Isolated Guinea Pig Brain. <i>Journal of Neurophysiology</i> , 2010, 103, 725-732.	1.8	14
106	An Excitatory Loop with Astrocytes Contributes to Drive Neurons to Seizure Threshold. <i>PLoS Biology</i> , 2010, 8, e1000352.	5.6	194
107	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> , 2010, 103, 2728-2736.	1.8	29
108	FATAL CONGENITAL MYOPATHY AND GASTROINTESTINAL PSEUDO-OBSTRUCTION DUE TO <i>POLG1</i> MUTATIONS. <i>Neurology</i> , 2009, 72, 1103-1105.	1.1	33

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109	Mechanisms of C-Reactive Protein-Induced Blood–Brain Barrier Disruption. <i>Stroke</i> , 2009, 40, 1458-1466.	2.0	106
110	Synchronous GABA _A -receptor-dependent potentials in limbic areas of the <i>in vitro</i> isolated adult guinea pig brain. <i>European Journal of Neuroscience</i> , 2009, 29, 911-920.	2.6	34
111	Reevaluating the mechanisms of focal ictogenesis: The role of low-voltage fast activity. <i>Epilepsia</i> , 2009, 50, 2514-2525.	5.1	120
112	Distribution of the Olfactory Fiber Input Into the Olfactory Tubercle of the In Vitro Isolated Guinea Pig Brain. <i>Journal of Neurophysiology</i> , 2009, 101, 1613-1619.	1.8	26
113	Fast activity at seizure onset is mediated by inhibitory circuits in the entorhinal cortex <i>in vitro</i> . <i>Annals of Neurology</i> , 2008, 64, 674-686.	5.3	185
114	Network hyperexcitability within the deep layers of the pilocarpine-treated rat entorhinal cortex. <i>Journal of Physiology</i> , 2008, 586, 1867-1883.	2.9	28
115	Acute induction of epileptiform discharges by pilocarpine in the <i>in vitro</i> isolated guinea-pig brain requires enhancement of blood–brain barrier permeability. <i>Neuroscience</i> , 2008, 151, 303-312.	2.3	74
116	Arterially Perfused Neurosphere-Derived Cells Distribute Outside the Ischemic Core in a Model of Transient Focal Ischemia and Reperfusion <i>In Vitro</i> . <i>PLoS ONE</i> , 2008, 3, e2754.	2.5	20
117	Early excitability changes in a novel acute model of transient focal ischemia and reperfusion in the <i>in vitro</i> isolated guinea pig brain. <i>Experimental Neurology</i> , 2007, 204, 95-105.	4.1	14
118	Odor-Driven Activity in the Olfactory Cortex of an In Vitro Isolated Guinea Pig Whole Brain With Olfactory Epithelium. <i>Journal of Neurophysiology</i> , 2007, 97, 670-679.	1.8	21
119	Cellular correlates of spontaneous periodic events in the medial entorhinal cortex of the <i>in vitro</i> isolated guinea pig brain. <i>European Journal of Neuroscience</i> , 2007, 26, 302-311.	2.6	14
120	Expression of Adhesion Factors Induced by Epileptiform Activity in the Endothelium of the Isolated Guinea Pig Brain <i>In Vitro</i> . <i>Epilepsia</i> , 2007, 48, 743-751.	5.1	69
121	In Vivo and In Vitro Effects of Pilocarpine: Relevance to Ictogenesis. <i>Epilepsia</i> , 2007, 48, 1934-1946.	5.1	151
122	Neurosphere-Derived Cells Exert a Neuroprotective Action by Changing the Ischemic Microenvironment. <i>PLoS ONE</i> , 2007, 2, e373.	2.5	113
123	Activation of cerebral endothelium is required for mononuclear cell recruitment in a novel <i>in vitro</i> model of brain inflammation. <i>Neuroscience</i> , 2006, 137, 1211-1219.	2.3	20
124	Olfactory bulb networks revealed by lateral olfactory tract stimulation in the <i>in vitro</i> isolated guinea-pig brain. <i>Neuroscience</i> , 2006, 142, 567-577.	2.3	17
125	Pravastatin <i>in vivo</i> reduces mononuclear cell migration through endothelial monolayers. <i>Neurological Sciences</i> , 2006, 27, 261-265.	1.9	1
126	A Novel High Channel-Count System for Acute Multisite Neuronal Recordings. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 1672-1677.	4.2	18

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127	Seizure control and treatment in pregnancy: Observations from the EURAP Epilepsy Pregnancy Registry. <i>Neurology</i> , 2006, 66, 354-360.	1.1	313
128	In Vitro Isolated Guinea Pig Brain. , 2006, , 103-109.		2
129	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> , 2006, 26, 873-881.	3.6	30
130	Realistic Modeling of Entorhinal Cortex Field Potentials and Interpretation of Epileptic Activity in the Guinea Pig Isolated Brain Preparation. <i>Journal of Neurophysiology</i> , 2006, 96, 363-377.	1.8	17
131	Propagation Dynamics of Epileptiform Activity Acutely Induced by Bicuculline in the Hippocampal-Parahippocampal Region of the Isolated Guinea Pig Brain. <i>Epilepsia</i> , 2005, 46, 1914-1925.	5.1	72
132	Increased discharge threshold after an interictal spike in human focal epilepsy. <i>European Journal of Neuroscience</i> , 2005, 22, 2971-2976.	2.6	22
133	Rapid in vitro elimination of anesthetic doses of thiopental in the isolated guinea pig brain. <i>Neuroscience Letters</i> , 2005, 380, 66-69.	2.1	5
134	Polysynaptic olfactory pathway to the ipsi- and contralateral entorhinal cortex mediated via the hippocampus. <i>Neuroscience</i> , 2005, 130, 249-258.	2.3	34
135	Cysteinyl leukotriene receptor activation in brain inflammatory reactions and cerebral edema formation: a role for transcellular biosynthesis of cysteinyl leukotrienes. <i>FASEB Journal</i> , 2004, 18, 842-844.	0.5	66
136	Topographic distribution of direct and hippocampus- mediated entorhinal cortex activity evoked by olfactory tract stimulation. <i>European Journal of Neuroscience</i> , 2004, 20, 1897-1905.	2.6	27
137	Molecular anatomy of the cerebral microvessels in the isolated guinea-pig brain. <i>Brain Research</i> , 2004, 999, 81-90.	2.2	30
138	Cytoarchitectonic characterization of the parahippocampal region of the guinea pig. <i>Journal of Comparative Neurology</i> , 2004, 474, 289-303.	1.6	26
139	The rhinal cortices: a wall of inhibition between the neocortex and the hippocampus. <i>Progress in Neurobiology</i> , 2004, 74, 101-110.	5.7	171
140	Epileptiform ictal discharges are prevented by periodic interictal spiking in the olfactory cortex. <i>Annals of Neurology</i> , 2003, 53, 382-389.	5.3	67
141	Olfactory input to the parahippocampal region of the isolated guinea pig brain reveals weak entorhinal-to-perirhinal interactions. <i>European Journal of Neuroscience</i> , 2003, 18, 95-101.	2.6	39
142	Propagation pattern of entorhinal cortex subfields to the dentate gyrus in the guinea-pig: an electrophysiological study. <i>Neuroscience</i> , 2003, 122, 843-851.	2.3	10
143	Slow Periodic Events and Their Transition to Gamma Oscillations in the Entorhinal Cortex of the Isolated Guinea Pig Brain. <i>Journal of Neurophysiology</i> , 2003, 90, 39-46.	1.8	43
144	Propagation of Neuronal Activity along the Neocortical-Perirhinal-Entorhinal Pathway in the Guinea Pig. <i>Journal of Neuroscience</i> , 2002, 22, 9972-9979.	3.6	55

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145	Associative Interactions Within the Superficial Layers of the Entorhinal Cortex of the Guinea Pig. <i>Journal of Neurophysiology</i> , 2002, 88, 1159-1165.	1.8	24
146	Enhancement of temporal and spatial synchronization of entorhinal gamma activity by phase reset. <i>Hippocampus</i> , 2002, 12, 447-456.	1.9	10
147	Interictal spikes in focal epileptogenesis. <i>Progress in Neurobiology</i> , 2001, 63, 541-567.	5.7	392
148	Network Activity Evoked by Neocortical Stimulation in Area 36 of the Guinea Pig Perirhinal Cortex. <i>Journal of Neurophysiology</i> , 2001, 86, 164-172.	1.8	45
149	Pharmacological and Biophysical Characterization of Voltage-Gated Calcium Currents in the Endopiriform Nucleus of the Guinea Pig. <i>Journal of Neurophysiology</i> , 2001, 85, 2076-2087.	1.8	15
150	Ni ²⁺ Slows the Activation Kinetics of High-Voltage-Activated Ca ²⁺ Currents in Cortical Neurons: Evidence for a Mechanism of Action Independent of Channel-Pore Block. <i>Journal of Membrane Biology</i> , 2001, 179, 243-262.	2.1	12
151	Discharge threshold is enhanced for several seconds after a single interictal spike in a model of focal epileptogenesis. <i>European Journal of Neuroscience</i> , 2001, 14, 174-178.	2.6	30
152	Blood-brain barrier preservation in the in vitro isolated guinea pig brain preparation. <i>Journal of Neuroscience Research</i> , 2001, 66, 289-297.	2.9	33
153	A blocker-resistant, fast-decaying, intermediate-threshold calcium current in palaeocortical pyramidal neurons. <i>European Journal of Neuroscience</i> , 2000, 12, 2376-2386.	2.6	15
154	Layer-specific immunocytochemical localization of GABABR1a and GABABR1b receptors in the rat piriform cortex. <i>European Journal of Neuroscience</i> , 2000, 12, 1516-1520.	2.6	15
155	Olfactory Inputs Activate the Medial Entorhinal Cortex Via the Hippocampus. <i>Journal of Neurophysiology</i> , 2000, 83, 1924-1931.	1.8	81
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