

Antoine Depaulis

List of Publications by Year in descending order

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154
papers

12,060
citations

20817

60
h-index

29157

104
g-index

161
all docs

161
docs citations

161
times ranked

8035
citing authors

#	ARTICLE	IF	CITATIONS
1	Parkinsonian-like locomotor impairment in mice lacking dopamine D2 receptors. <i>Nature</i> , 1995, 377, 424-428.	27.8	608
2	Pathophysiological mechanisms of genetic absence epilepsy in the rat. <i>Progress in Neurobiology</i> , 1998, 55, 27-57.	5.7	531
3	Identifying Neural Drivers with Functional MRI: An Electrophysiological Validation. <i>PLoS Biology</i> , 2008, 6, e315.	5.6	462
4	Recurrent seizures and hippocampal sclerosis following intrahippocampal kainate injection in adult mice: electroencephalography, histopathology and synaptic reorganization similar to mesial temporal lobe epilepsy. <i>Neuroscience</i> , 1999, 89, 717-729.	2.3	395
5	Deep Layer Somatosensory Cortical Neurons Initiate Spike-and-Wave Discharges in a Genetic Model of Absence Seizures. <i>Journal of Neuroscience</i> , 2007, 27, 6590-6599.	3.6	381
6	Evolution of hippocampal epileptic activity during the development of hippocampal sclerosis in a mouse model of temporal lobe epilepsy. <i>Neuroscience</i> , 2002, 112, 101-111.	2.3	376
7	Reelin Deficiency and Displacement of Mature Neurons, But Not Neurogenesis, Underlie the Formation of Granule Cell Dispersion in the Epileptic Hippocampus. <i>Journal of Neuroscience</i> , 2006, 26, 4701-4713.	3.6	295
8	Spontaneous paroxysmal electroclinical patterns in rat: A model of generalized non-convulsive epilepsy. <i>Neuroscience Letters</i> , 1982, 33, 97-101.	2.1	268
9	Involvement of intrathalamic GABA _B neurotransmission in the control of absence seizures in the rat. <i>Neuroscience</i> , 1992, 48, 87-93.	2.3	255
10	Endogenous control of epilepsy: The nigral inhibitory system. <i>Progress in Neurobiology</i> , 1994, 42, 33-52.	5.7	218
11	A Model of Chronic Spontaneous Petit Mal-like Seizures in the Rat: Comparison with Pentylentetrazolol-induced Seizures. <i>Epilepsia</i> , 1984, 25, 326-331.	5.1	196
12	Involvement of brain opiate receptors in the immune-suppressive effect of morphine.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 7114-7117.	7.1	196
13	Enhancement of spike and wave discharges by GABA _A mimetic drugs in rats with spontaneous petit-mal-like epilepsy. <i>Neuroscience Letters</i> , 1984, 44, 91-94.	2.1	195
14	High-frequency stimulation of the sub-thalamic nucleus suppresses absence seizures in the rat: comparison with neurotoxic lesions. <i>Epilepsy Research</i> , 1998, 31, 39-46.	1.6	190
15	Longitudinal neuronal organization of defensive reactions in the midbrain periaqueductal gray region of the rat. <i>Experimental Brain Research</i> , 1992, 90, 307-18.	1.5	186
16	Convergence of deep somatic and visceral nociceptive information onto a discrete ventrolateral midbrain periaqueductal gray region. <i>Neuroscience</i> , 1994, 61, 727-732.	2.3	173
17	Increase in BDNF-mediated TrkB signaling promotes epileptogenesis in a mouse model of mesial temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2011, 42, 35-47.	4.4	169
18	Identification of midbrain neurones mediating defensive behaviour in the rat by microinjections of excitatory amino acids. <i>Behavioural Brain Research</i> , 1985, 15, 107-119.	2.2	168

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19	Spontaneous spike and wave discharges in thalamus and cortex in a rat model of genetic petit mal-like seizures. <i>Experimental Neurology</i> , 1987, 96, 127-136.	4.1	156
20	Kindling of audiogenic seizures in Wistar rats: An EEG study. <i>Experimental Neurology</i> , 1987, 97, 160-168.	4.1	154
21	GABAergic modulation of the analgesic effects of morphine microinjected in the ventral periaqueductal gray matter of the rat. <i>Brain Research</i> , 1987, 436, 223-228.	2.2	153
22	Evidence for a critical role of GABAergic transmission within the thalamus in the genesis and control of absence seizures in the rat. <i>Brain Research</i> , 1991, 545, 1-7.	2.2	149
23	PET evidence for a role of the basal ganglia in patients with ring chromosome 20 epilepsy. <i>Neurology</i> , 2004, 63, 73-77.	1.1	146
24	The role of basal ganglia in the control of generalized absence seizures. <i>Epilepsy Research</i> , 1998, 32, 213-223.	1.6	144
25	Mapping of spontaneous spike and wave discharges in Wistar rats with genetic generalized non-convulsive epilepsy. <i>Brain Research</i> , 1990, 523, 87-91.	2.2	140
26	Quiescence and hyporeactivity evoked by activation of cell bodies in the ventrolateral midbrain periaqueductal gray of the rat. <i>Experimental Brain Research</i> , 1994, 99, 75-83.	1.5	137
27	Low-voltage-activated calcium channel subunit expression in a genetic model of absence epilepsy in the rat. <i>Molecular Brain Research</i> , 2000, 75, 159-165.	2.3	130
28	Inflammatory changes during epileptogenesis and spontaneous seizures in a mouse model of mesiotemporal lobe epilepsy. <i>Epilepsia</i> , 2011, 52, 2315-2325.	5.1	121
29	Dopamine in the striatum modulates seizures in a genetic model of absence epilepsy in the rat. <i>Neuroscience</i> , 2000, 100, 335-344.	2.3	118
30	Parachlorophenylalanine-induced serotonin depletion increases offensive but not defensive aggression in male rats. <i>Physiology and Behavior</i> , 1986, 36, 653-658.	2.1	111
31	Protective effects of brain-derived neurotrophic factor on the development of hippocampal kindling in the rat. <i>NeuroReport</i> , 1995, 6, 1937-1941.	1.2	111
32	Fetal Exposure to GABA-Acting Antiepileptic Drugs Generates Hippocampal and Cortical Dysplasias. <i>Epilepsia</i> , 2007, 48, 684-693.	5.1	109
33	Suppressive effects of intranigral injection of muscimol in three models of generalized non-convulsive epilepsy induced by chemical agents. <i>Brain Research</i> , 1989, 498, 64-72.	2.2	104
34	Midbrain Periaqueductal Gray Control of Defensive Behavior in the Cat and the Rat. , 1991, , 175-198.		103
35	The genetic absence epilepsy rat from Strasbourg as a model to decipher the neuronal and network mechanisms of generalized idiopathic epilepsies. <i>Journal of Neuroscience Methods</i> , 2016, 260, 159-174.	2.5	100
36	Inhibition of the substantia nigra suppresses absences and clonic seizures in audiogenic rats, but not tonic seizures: evidence for seizure specificity of the nigral control. <i>Neuroscience</i> , 2001, 105, 203-211.	2.3	98

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37	Characterization of pretentorial periaqueductal gray matter neurons mediating intraspecific defensive behaviors in the rat by microinjections of kainic acid. <i>Brain Research</i> , 1989, 486, 121-132.	2.2	96
38	Relationship between spike-wave discharges and vigilance levels in rats with spontaneous petit mal-like epilepsy. <i>Neuroscience Letters</i> , 1988, 94, 187-191.	2.1	89
39	Elicitation of intraspecific defensive behaviors in the rat by microinjection of picrotoxin, a β -aminobutyric acid antagonist, into the Midbrain Periaqueductal gray matter. <i>Brain Research</i> , 1986, 367, 87-95.	2.2	88
40	Evidence that activation of GABA receptors in the substantia nigra suppresses spontaneous spike-and-wave discharges in the rat. <i>Brain Research</i> , 1988, 448, 20-29.	2.2	88
41	Elicitation of intraspecific defence reactions in the rat from midbrain periaqueductal grey by microinjection of kainic acid, without neurotoxic effects. <i>Neuroscience Letters</i> , 1988, 88, 291-296.	2.1	88
42	NADPH oxidases as drug targets and biomarkers in neurodegenerative diseases: What is the evidence?. <i>Free Radical Biology and Medicine</i> , 2017, 112, 387-396.	2.9	88
43	Amygdala kindling in the rat: anxiogenic-like consequences. <i>Neuroscience</i> , 1996, 73, 971-978.	2.3	83
44	High temporal resolution for in vivo monitoring of neurotransmitters in awake epileptic rats using brain microdialysis and capillary electrophoresis with laser-induced fluorescence detection. <i>Journal of Neuroscience Methods</i> , 2004, 140, 29-38.	2.5	83
45	High-Precision Radiosurgical Dose Delivery by Interlaced Microbeam Arrays of High-Flux Low-Energy Synchrotron X-Rays. <i>PLoS ONE</i> , 2010, 5, e9028.	2.5	79
46	Ultrasonic vocalization (22â€“28 kHz) in a model of chronic pain, the arthritic rat. <i>NeuroReport</i> , 1996, 7, 581-584.	1.2	78
47	Differential Effects of Antiepileptic Drugs on Focal Seizures in the Intrahippocampal Kainate Mouse Model of Mesial Temporal Lobe Epilepsy. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 497-506.	3.9	77
48	Selective increase of offensive behavior in the rat following intrahypothalamic 5,7-DHT-induced serotonin depletion. <i>Behavioural Brain Research</i> , 1988, 29, 85-91.	2.2	76
49	Brain-derived neurotrophic factor delays hippocampal kindling in the rat. <i>Neuroscience</i> , 2000, 100, 777-788.	2.3	76
50	Involvement of nigral glutamatergic inputs in the control of seizures in a genetic model of absence epilepsy in the rat. <i>Neuroscience</i> , 1996, 71, 721-728.	2.3	74
51	A Genetic Switch for Epilepsy in Adult Mice. <i>Journal of Neuroscience</i> , 2004, 24, 10568-10578.	3.6	74
52	Effects of drugs affecting dopaminergic neurotransmission in rats with spontaneous petit mal-like seizures. <i>Neuropharmacology</i> , 1988, 27, 269-274.	4.1	73
53	Overexpression of neuropeptide Y induced by brain-derived neurotrophic factor in the rat hippocampus is long lasting. <i>European Journal of Neuroscience</i> , 2000, 12, 595-605.	2.6	73
54	Neuroprotective effects of chronic estradiol benzoate treatment on hippocampal cell loss induced by status epilepticus in the female rat. <i>Neuroscience Letters</i> , 2000, 281, 79-82.	2.1	70

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55	Deep brain stimulation in epilepsy: what is next?. <i>Current Opinion in Neurology</i> , 2010, 23, 177-182.	3.6	70
56	Effects of drugs affecting noradrenergic neurotransmission in rats with spontaneous petit mal-like seizures. <i>European Journal of Pharmacology</i> , 1987, 135, 397-402.	3.5	69
57	Role of the subthalamo-nigral input in the control of amygdala-kindled seizures in the rat. <i>Brain Research</i> , 1998, 807, 78-83.	2.2	67
58	Emerging Principles of Organization of the Midbrain Periaqueductal Gray Matter. , 1991, , 1-8.		67
59	Anxiogenic-like consequences in animal models of complex partial seizures. <i>Neuroscience and Biobehavioral Reviews</i> , 1997, 21, 767-774.	6.1	66
60	Controlling seizures is not controlling epilepsy: A parametric study of deep brain stimulation for epilepsy. <i>Neurobiology of Disease</i> , 2007, 27, 292-300.	4.4	66
61	Audiogenic seizures in Wistar rats before and after repeated auditory stimuli: clinical, pharmacological, and electroencephalographic studies. <i>Journal of Neural Transmission</i> , 1988, 72, 235-244.	2.8	65
62	Specific In Vivo Staining of Astrocytes in the Whole Brain after Intravenous Injection of Sulforhodamine Dyes. <i>PLoS ONE</i> , 2012, 7, e35169.	2.5	65
63	Epilepsy in Dcx Knockout Mice Associated with Discrete Lamination Defects and Enhanced Excitability in the Hippocampus. <i>PLoS ONE</i> , 2008, 3, e2473.	2.5	63
64	Genetic Models of Absence Epilepsy in the Rat. , 2006, , 233-248.		58
65	Seizure expression, behavior, and brain morphology differences in colonies of Genetic Absence Epilepsy Rats from Strasbourg. <i>Epilepsia</i> , 2014, 55, 1959-1968.	5.1	57
66	Do seizures and epileptic activity worsen epilepsy and deteriorate cognitive function?. <i>Epilepsia</i> , 2013, 54, 14-21.	5.1	56
67	Are rats with genetic absence epilepsy behaviorally impaired?. <i>Epilepsy Research</i> , 1991, 9, 97-104.	1.6	55
68	Involvement of the nigral output pathways in the inhibitory control of the substantia nigra over generalized non-convulsive seizures in the rat. <i>Neuroscience</i> , 1990, 39, 339-349.	2.3	54
69	Manipulating the epileptic brain using stimulation: a review of experimental and clinical studies. <i>Epileptic Disorders</i> , 2009, 11, 100-112.	1.3	54
70	Involvement of the Thalamic Parafascicular Nucleus in Mesial Temporal Lobe Epilepsy. <i>Journal of Neuroscience</i> , 2010, 30, 16523-16535.	3.6	54
71	Reprogramming reactive glia into interneurons reduces chronic seizure activity in a mouse model of mesial temporal lobe epilepsy. <i>Cell Stem Cell</i> , 2021, 28, 2104-2121.e10.	11.1	54
72	Biphasic effects of Ro 15-1788 on spontaneous petit mal-like seizures in rats. <i>European Journal of Pharmacology</i> , 1984, 102, 355-359.	3.5	53

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73	Glutamate Receptor Antagonists and Benzodiazepine Inhibit the Progression of Granule Cell Dispersion in a Mouse Model of Mesial Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2005, 46, 193-202.	5.1	53
74	Pathophysiology of absence epilepsy: Insights from genetic models. <i>Neuroscience Letters</i> , 2018, 667, 53-65.	2.1	51
75	Activation of mTOR signaling pathway is secondary to neuronal excitability in a mouse model of mesial temporal lobe epilepsy. <i>European Journal of Neuroscience</i> , 2015, 41, 976-988.	2.6	49
76	Different representations of inescapable noxious stimuli in the periaqueductal gray and upper cervical spinal cord of freely moving rats. <i>Neuroscience Letters</i> , 2001, 313, 17-20.	2.1	48
77	GABAergic influences on defensive fighting in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1982, 17, 451-456.	2.9	47
78	Ontogeny of spontaneous petit mal-like seizures in Wistar rats. <i>Developmental Brain Research</i> , 1986, 30, 85-87.	1.7	47
79	Endogenous Control of Hippocampal Epileptogenesis: A Molecular Cascade Involving Brain-Derived Neurotrophic Factor and Neuropeptide Y. <i>Epilepsia</i> , 2000, 41, S127-S133.	5.1	47
80	Neuropeptide Y and epilepsy: varying effects according to seizure type and receptor activation. <i>Peptides</i> , 2001, 22, 529-539.	2.4	46
81	Effects of cholinergic drugs on genetic absence seizures in rats. <i>European Journal of Pharmacology</i> , 1993, 234, 263-268.	3.5	44
82	Dentate gyrus and hilus transection blocks seizure propagation and granule cell dispersion in a mouse model for mesial temporal lobe epilepsy. <i>Hippocampus</i> , 2011, 21, 334-343.	1.9	43
83	Interhemispheric desynchronization of spontaneous spike-wave discharges by corpus callosum transection in rats with petit mal-like epilepsy. <i>Epilepsy Research</i> , 1989, 4, 8-13.	1.6	42
84	Building Up Absence Seizures in the Somatosensory Cortex: From Network to Cellular Epileptogenic Processes. <i>Cerebral Cortex</i> , 2017, 27, 4607-4623.	2.9	42
85	Short-term changes in bilateral hippocampal coherence precede epileptiform events. <i>NeuroImage</i> , 2007, 38, 138-149.	4.2	41
86	Suppression of spontaneous generalized non-convulsive seizures in the rat by microinjection of GABA antagonists into the superior colliculus. <i>Epilepsy Research</i> , 1990, 5, 192-198.	1.6	39
87	WONOE appraisal: Biomarkers of epilepsy-associated comorbidities. <i>Epilepsia</i> , 2017, 58, 331-342.	5.1	39
88	Effects of gamma-hydroxybutyrate and gamma-butyrolactone derivatives on spontaneous generalized non-convulsive seizures in the rat. <i>Neuropharmacology</i> , 1988, 27, 683-689.	4.1	36
89	Animal models to study aetiopathology of epilepsy: what are the features to model?. <i>Epileptic Disorders</i> , 2012, 14, 217-225.	1.3	36
90	Diazepam dissociates the analgesic and aversive effects of periaqueductal gray stimulation in the rat. <i>Brain Research</i> , 1987, 423, 395-398.	2.2	35

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91	Kindling of Audiogenic Seizures in the Rat. <i>International Journal of Neuroscience</i> , 1987, 36, 167-176.	1.6	34
92	Positive transfer of audiogenic kindling to electrical hippocampal kindling in rats. <i>Epilepsy Research</i> , 1992, 11, 159-166.	1.6	34
93	Neuropeptide Y delays hippocampal kindling in the rat. <i>Hippocampus</i> , 2003, 13, 557-560.	1.9	34
94	Occurrence of the Synthetic Analgesic Tramadol in an African Medicinal Plant. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11780-11784.	13.8	34
95	Mesopontine cholinergic control over generalized non-convulsive seizures in a genetic model of absence epilepsy in the rat. <i>Neuroscience</i> , 1995, 69, 1183-1193.	2.3	33
96	Evidence for the involvement of the pallidum in the modulation of seizures in a genetic model of absence epilepsy in the rat. <i>Neuroscience Letters</i> , 1999, 265, 131-134.	2.1	33
97	High-Throughput LC-MS/MS Proteomic Analysis of a Mouse Model of Mesiotemporal Lobe Epilepsy Predicts Microglial Activation Underlying Disease Development. <i>Journal of Proteome Research</i> , 2016, 15, 1546-1562.	3.7	33
98	Potentiation of $\tilde{3}$ -vinyl GABA (vigabatrin) effects by glycine. <i>European Journal of Pharmacology</i> , 1990, 182, 109-115.	3.5	32
99	Induced down-regulation of neuropeptide Y-Y1 receptors delays initiation of kindling. <i>European Journal of Neuroscience</i> , 2003, 18, 768-774.	2.6	32
100	Evidence for a Role of the Parafascicular Nucleus of the Thalamus in the Control of Epileptic Seizures by the Superior Colliculus. <i>Epilepsia</i> , 2005, 46, 141-145.	5.1	32
101	The control of seizures by the basal ganglia? A review of experimental data. <i>Epileptic Disorders</i> , 2002, 4 Suppl 3, S61-72.	1.3	30
102	Elicitation of conspecific attack or defense in the male rat by intraventricular injection of a GABA agonist or antagonist. <i>Physiology and Behavior</i> , 1985, 35, 447-453.	2.1	29
103	Comparative study of five antiepileptic drugs on a translational cognitive measure in the rat: relationship to antiepileptic property. <i>Psychopharmacology</i> , 2010, 207, 513-527.	3.1	29
104	Induction of mouse-killing in the rat by intraventricular injection of a GABA-Agonist. <i>Physiology and Behavior</i> , 1983, 30, 383-388.	2.1	28
105	The GABAA receptor complex in experimental absence seizures in rat: An autoradiographic study. <i>Neuroscience Letters</i> , 1992, 140, 9-12.	2.1	28
106	BDNF and epilepsy – the bad could turn out to be good. <i>Trends in Neurosciences</i> , 2001, 24, 318-319.	8.6	28
107	The GABAergic nigro-collicular pathway is not involved in the inhibitory control of audiogenic seizures in the rat. <i>Neuroscience Letters</i> , 1990, 111, 269-274.	2.1	25
108	22-28 Khz ultrasonic vocalizations associated with defensive reactions in male rats do not result from fear or aversion. <i>Psychopharmacology</i> , 1993, 111, 190-194.	3.1	25

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109	Neural Adaptation to Responsive Stimulation: A Comparison of Auditory and Deep Brain Stimulation in a Rat Model of Absence Epilepsy. <i>Brain Stimulation</i> , 2013, 6, 241-247.	1.6	25
110	Sensory coding is impaired in rat absence epilepsy. <i>Journal of Physiology</i> , 2019, 597, 951-966.	2.9	25
111	Synchrotron X-ray interlaced microbeams suppress paroxysmal oscillations in neuronal networks initiating generalized epilepsy. <i>Neurobiology of Disease</i> , 2013, 51, 152-160.	4.4	24
112	Glial responses during epileptogenesis in <i>Mus musculus</i> point to potential therapeutic targets. <i>PLoS ONE</i> , 2018, 13, e0201742.	2.5	24
113	Intrathalamic injections of \hat{I}^3 -hydroxybutyric acid increase genetic absence seizures in rats. <i>Neuroscience Letters</i> , 1991, 125, 19-21.	2.1	23
114	Nucleus basalis lesions suppress spike and wave discharges in rats with spontaneous absence-epilepsy. <i>Neuroscience</i> , 1994, 59, 531-539.	2.3	23
115	Suppression of Absence Seizures by Electrical and Pharmacological Activation of the Caudal Superior Colliculus in a Genetic Model of Absence Epilepsy in the Rat. <i>Experimental Neurology</i> , 2002, 177, 503-514.	4.1	23
116	Animal models for mesiotemporal lobe epilepsy: The end of a misunderstanding?. <i>Revue Neurologique</i> , 2015, 171, 217-226.	1.5	22
117	Microfabrication, characterization and in vivo MRI compatibility of diamond microelectrodes array for neural interfacing. <i>Materials Science and Engineering C</i> , 2015, 46, 25-31.	7.3	22
118	A microcomputer method for behavioural data acquisition and subsequent analysis. <i>Pharmacology Biochemistry and Behavior</i> , 1983, 19, 729-732.	2.9	21
119	Reciprocal positive transfer between kindling of audiogenic seizures and electrical kindling of inferior colliculus. <i>Epilepsy Research</i> , 1993, 15, 133-139.	1.6	21
120	Assessing Susceptibility to Epilepsy in Three Rat Strains Using Brain Metabolic Profiling Based on HRMAS NMR Spectroscopy and Chemometrics. <i>Journal of Proteome Research</i> , 2015, 14, 2177-2189.	3.7	21
121	Bidirectional effects of beta-carbolines in rats with spontaneous petit mal-like seizures. <i>Brain Research Bulletin</i> , 1987, 19, 327-335.	3.0	19
122	Synchrotron X-ray microbeams: A promising tool for drug-resistant epilepsy treatment. <i>Physica Medica</i> , 2015, 31, 607-614.	0.7	19
123	Opposite effects of agonist and inverse agonist ligands of benzodiazepine receptor on self-defensive and submissive postures in the rat. <i>Psychopharmacology</i> , 1991, 103, 56-61.	3.1	18
124	Synchrotron X-ray microtransections: a non invasive approach for epileptic seizures arising from eloquent cortical areas. <i>Scientific Reports</i> , 2016, 6, 27250.	3.3	18
125	Relationship between mousekilling and conspecific aggression in the male rat. <i>Aggressive Behavior</i> , 1983, 9, 259-268.	2.4	17
126	Relationship between analgesia and cardiovascular changes induced by electrical stimulation of the mesencephalic periaqueductal gray matter in the rat. <i>Brain Research</i> , 1988, 451, 326-332.	2.2	16

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127	Gabaergic modulation of mouse-killing in the rat. <i>Psychopharmacology</i> , 1984, 83, 367-372.	3.1	15
128	Lesions of noradrenergic neurons in rats with spontaneous generalized non-convulsive epilepsy. <i>Epilepsy Research</i> , 1991, 9, 79-85.	1.6	15
129	Right temporal cerebral dysfunction heralds symptoms of acute mountain sickness. <i>Journal of Neurology</i> , 2007, 254, 359-363.	3.6	15
130	Revisiting hippocampal sclerosis in mesial temporal lobe epilepsy according to the "two-hit" hypothesis. <i>Revue Neurologique</i> , 2015, 171, 227-235.	1.5	15
131	Activation of GABA A receptors controls mesiotemporal lobe epilepsy despite changes in chloride transporters expression: In vivo and in silico approach. <i>Experimental Neurology</i> , 2016, 284, 11-28.	4.1	15
132	Anticonvulsant effect of muscimol injected into the thalamus of spontaneously epileptic Mongolian gerbils. <i>Brain Research</i> , 1989, 487, 363-367.	2.2	14
133	Dorsal tegmentum kindling in rats. <i>Neuroscience Letters</i> , 1992, 134, 284-287.	2.1	14
134	Is ictal dystonia associated with an inhibitory effect on seizure propagation in focal epilepsies?. <i>Epilepsy Research</i> , 2012, 99, 274-280.	1.6	14
135	In vivo ^{13}C aminobutyric acid increase as a biomarker of the epileptogenic zone: An unbiased metabolomics approach. <i>Epilepsia</i> , 2021, 62, 163-175.	5.1	12
136	Long-term modifications of epileptogenesis and hippocampal rhythms after prolonged hyperthermic seizures in the mouse. <i>Neurobiology of Disease</i> , 2014, 69, 156-168.	4.4	11
137	Experimental Treatment Options in Absence Epilepsy. <i>Current Pharmaceutical Design</i> , 2018, 23, 5577-5592.	1.9	11
138	Modifications of local cerebral glucose utilization in thalamic structures following injection of a dopaminergic agonist in the nucleus accumbens: involvement in antiepileptic effects?. <i>Experimental Neurology</i> , 2004, 188, 452-460.	4.1	10
139	Identification and characterization of outcome measures reported in animal models of epilepsy: Protocol for a systematic review of the literature "A TASK 2 report of the AES/ILAE Translational Task Force of the ILAE. <i>Epilepsia</i> , 2017, 58, 68-77.	5.1	8
140	Genetic Models of Absence Epilepsy in Rats and Mice. , 2017, , 455-471.		8
141	Early reduced dopaminergic tone mediated by D3 receptor and dopamine transporter in absence epileptogenesis. <i>Epilepsia</i> , 2019, 60, 2128-2140.	5.1	8
142	Neurovascular multiparametric MRI defines epileptogenic and seizure propagation regions in experimental mesiotemporal lobe epilepsy. <i>Epilepsia</i> , 2021, 62, 1244-1255.	5.1	8
143	Aberrant neuronal connectivity in the cortex drives generation of seizures in rat absence epilepsy. <i>Brain</i> , 2022, 145, 1978-1991.	7.6	8
144	Hypothalamic Response to Experimental Allergic Encephalomyelitis: Role of Substance P. <i>NeuroImmunoModulation</i> , 2004, 11, 28-35.	1.8	6

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145	In Silico Dynamic Molecular Interaction Networks for the Discovery of New Therapeutic Targets. <i>Current Pharmaceutical Design</i> , 2010, 16, 2241-2251.	1.9	6
146	Immediate effects of 14 non maoi antidepressants in rats with spontaneous petit mal-like seizures. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1990, 14, 261-270.	4.8	5
147	Opposite effects of pentylentetrazol on self-defensive and submissive postures in the rat. <i>Psychopharmacology</i> , 1992, 107, 457-460.	3.1	3
148	Long-term effects of febrile status epilepticus: What animal models can tell us?. <i>Epilepsia</i> , 2009, 50, 27-28.	5.1	3
149	Early alterations of the neuronal network processing whisker-related sensory signal during absence epileptogenesis. <i>Epilepsia</i> , 2022, 63, 497-509.	5.1	3
150	Quantitative analysis and computer simulation of oxytocin-neurophysin processing in the rat neurohypophysis. <i>Neurochemistry International</i> , 1991, 19, 297-312.	3.8	2
151	Radiation Therapy Using Synchrotron Radiation: Preclinical Studies Toward Clinical Trials. <i>Synchrotron Radiation News</i> , 2011, 24, 8-12.	0.8	2
152	La souris MTLE: un modèle valide pour l'évaluation de molécules anti-épileptiques pour le traitement de l'épilepsie mésotemporale. <i>Epilepsies</i> , 2009, 21, 184-192.	0.0	1
153	Protective Effects of Brain-Derived Neurotrophic Factor in Hippocampal Kindling. <i>Advances in Behavioral Biology</i> , 1998, , 409-420.	0.2	1
154	Control of Epileptic Seizures. <i>Advances in Behavioral Biology</i> , 2002, , 169-178.	0.2	0