

# Norberto Garcia-Cairasco

## List of Publications by Year in descending order

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170  
papers

4,899  
citations

117625

34  
h-index

128289

60  
g-index

180  
all docs

180  
docs citations

180  
times ranked

4549  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Overview on Stress Neurobiology: Basic Concepts and Clinical Implications. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 127.	2.0	382
2	Animal models of epilepsy: use and limitations. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 1693.	2.2	344
3	New insights from the use of pilocarpine and kainate models. <i>Epilepsy Research</i> , 2002, 50, 93-103.	1.6	253
4	Neuroethological and morphological (Neo-Timm staining) correlates of limbic recruitment during the development of audiogenic kindling in seizure susceptible Wistar rats. <i>Epilepsy Research</i> , 1996, 26, 177-192.	1.6	133
5	A critical review on the participation of inferior colliculus in acoustic-motor and acoustic-limbic networks involved in the expression of acute and kindled audiogenic seizures. <i>Hearing Research</i> , 2002, 168, 208-222.	2.0	129
6	Audiogenic kindling in the Wistar rat: a potential model for recruitment of limbic structures. <i>Epilepsy Research</i> , 2000, 39, 251-259.	1.6	113
7	Quantitative study of the response to genetic selection of the Wistar audiogenic rat strain (WAR). <i>Behavior Genetics</i> , 2003, 33, 33-42.	2.1	92
8	Intoxication by star fruit ( <i>Averrhoa carambola</i> ) in 32 uraemic patients: treatment and outcome. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 120-125.	0.7	79
9	Hippocampal cell proliferation and epileptogenesis after audiogenic kindling are not accompanied by mossy fiber sprouting or fluoro-jade staining. <i>Neuroscience</i> , 2003, 119, 533-546.	2.3	76
10	Behavioral, Morphologic, and Electroencephalographic Evaluation of Seizures Induced by Intrahippocampal Microinjection of Pilocarpine. <i>Epilepsia</i> , 2002, 43, 37-39.	5.1	75
11	Midbrain substrates of audiogenic seizures in rats. <i>Behavioural Brain Research</i> , 1993, 58, 57-67.	2.2	72
12	Comparative neuroanatomical and temporal characterization of FluoroJade-positive neurodegeneration after status epilepticus induced by systemic and intrahippocampal pilocarpine in Wistar rats. <i>Brain Research</i> , 2011, 1374, 43-55.	2.2	72
13	Methodological standards and interpretation of video-electroencephalography in adult control rodents. AA<sc>TASK</sc>1&sc>WG</sc>1 report of the <sc>AES</sc>/<sc>ILAE</sc> Translational TaskForce of the ILAE. <i>Epilepsia</i> , 2017, 58, 10-27.	5.1	67
14	The Wistar Audiogenic Rat (WAR) strain and its contributions to epileptology and related comorbidities: History and perspectives. <i>Epilepsy and Behavior</i> , 2017, 71, 250-273.	1.7	66
15	Modulation of experimental arthritis by vagal sensory and central brain stimulation. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 330-343.	4.1	65
16	Inhibition of the renin-angiotensin system prevents seizures in a rat model of epilepsy. <i>Clinical Science</i> , 2010, 119, 477-482.	4.3	64
17	Impact of Corticosterone Treatment on Spontaneous Seizure Frequency and Epileptiform Activity in Mice with Chronic Epilepsy. <i>PLoS ONE</i> , 2012, 7, e46044.	2.5	63
18	New insights into behavioral evaluation of audiogenic seizures. A comparison of two ethological methods. <i>Behavioural Brain Research</i> , 1992, 48, 49-56.	2.2	62

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19	Limbic epileptogenicity, cell loss and axonal reorganization induced by audiogenic and amygdala kindling in wistar audiogenic rats (WAR strain). <i>Neuroscience</i> , 2004, 125, 787-802.	2.3	59
20	Convulsant activity and neurochemical alterations induced by a fraction obtained from fruit (Oxalidaceae: Geraniales). <i>Neurochemistry International</i> , 2005, 46, 523-531.	3.8	59
21	Reduced exploratory activity of audiogenic seizures susceptible Wistar rats. <i>Physiology and Behavior</i> , 1998, 64, 671-674.	2.1	57
22	Intrinsic neural circuits between dorsal midbrain neurons that control fear-induced responses and seizure activity and nuclei of the pain inhibitory system elaborating postictal antinociceptive processes: a functional neuroanatomical and neuropharmacological study. <i>Experimental Neurology</i> , 2005, 191, 225-242.	4.1	56
23	Study of spontaneous recurrent seizures and morphological alterations after status epilepticus induced by intrahippocampal injection of pilocarpine. <i>Epilepsy and Behavior</i> , 2011, 20, 257-266.	1.7	54
24	Post-ictal analgesia: involvement of opioid, serotonergic and cholinergic mechanisms. <i>Brain Research</i> , 2001, 888, 314-320.	2.2	51
25	Neuroanatomical and cellular substrates of hypergrooming induced by microinjection of oxytocin in central nucleus of amygdala, an experimental model of compulsive behavior. <i>Molecular Psychiatry</i> , 2007, 12, 1103-1117.	7.9	51
26	EEG wavelet analyses of the striatumâ€“substantia nigra pars reticulataâ€“superior colliculus circuitry: Audiogenic seizures and anticonvulsant drug administration in Wistar audiogenic rats (War strain). <i>Epilepsy Research</i> , 2006, 72, 192-208.	1.6	49
27	Doublecortin-positive newly born granule cells of hippocampus have abnormal apical dendritic morphology in the pilocarpine model of temporal lobe epilepsy. <i>Brain Research</i> , 2007, 1165, 126-134.	2.2	49
28	The anticonvulsant effects of cannabidiol in experimental models of epileptic seizures: From behavior and mechanisms to clinical insights. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 166-182.	6.1	49
29	Possible interaction between the inferior colliculus and the substantia nigra in audiogenic seizures in Wistar rats. <i>Physiology and Behavior</i> , 1991, 50, 421-427.	2.1	43
30	Changes in Calcium-Binding Protein Expression in Human Cortical Contusion Tissue. <i>Journal of Neurotrauma</i> , 2009, 26, 2145-2155.	3.4	43
31	Inhibition of long-term potentiation in the schaffer-CA1 pathway by repetitive high-intensity sound stimulation. <i>Neuroscience</i> , 2015, 310, 114-127.	2.3	43
32	Chelatable zinc modulates excitability and seizure duration in the amygdala rapid kindling model. <i>Epilepsy Research</i> , 2008, 79, 166-172.	1.6	42
33	Angiotensin IIâ€“Independent Angiotensin-(1â€“7) Formation in Rat Hippocampus. <i>Hypertension</i> , 2013, 62, 879-885.	2.7	38
34	Puzzling challenges in contemporary neuroscience: Insights from complexity and emergence in epileptogenic circuits. <i>Epilepsy and Behavior</i> , 2009, 14, 54-63.	1.7	36
35	Contributions of mature granule cells to structural plasticity in temporal lobe epilepsy. <i>Neuroscience</i> , 2011, 197, 348-357.	2.3	36
36	Pathophysiology of Mood Disorders in Temporal Lobe Epilepsy. <i>Revista Brasileira De Psiquiatria</i> , 2012, 34, 233-259.	1.7	36

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37	Impact of rapamycin on status epilepticus induced hippocampal pathology and weight gain. <i>Experimental Neurology</i> , 2016, 280, 1-12.	4.1	36
38	PTEN deletion increases hippocampal granule cell excitability in male and female mice. <i>Neurobiology of Disease</i> , 2017, 108, 339-351.	4.4	36
39	The epilepsies: Complex challenges needing complex solutions. <i>Epilepsy and Behavior</i> , 2013, 26, 212-228.	1.7	34
40	NMDA-dependent audiogenic seizures are differentially regulated by inferior colliculus subnuclei. <i>Behavioural Brain Research</i> , 1994, 62, 29-39.	2.2	33
41	Neuroethological study of status epilepticus induced by systemic pilocarpine in Wistar audiogenic rats (WAR strain). <i>Epilepsy and Behavior</i> , 2004, 5, 455-463.	1.7	33
42	A comprehensive electrographic and behavioral analysis of generalized tonic-clonic seizures of GEPR-9s. <i>Brain Research</i> , 2005, 1033, 1-12.	2.2	33
43	Neuroethological evaluation of audiogenic seizures and audiogenic-like seizures induced by microinjection of bicuculline into the inferior colliculus. I. Effects of midcollicular knife cuts. <i>Behavioural Brain Research</i> , 1992, 52, 7-17.	2.2	31
44	A microdialysis study of amino acid concentrations in the extracellular fluid of the substantia nigra of freely behaving GEPR-9s: relationship to seizure predisposition. <i>Epilepsy Research</i> , 1994, 17, 157-165.	1.6	31
45	Overexpression of the immediate-early genes Egr1, Egr2, and Egr3 in two strains of rodents susceptible to audiogenic seizures. <i>Epilepsy and Behavior</i> , 2017, 71, 226-237.	1.7	31
46	Cannabidiol effectively reverses mechanical and thermal allodynia, hyperalgesia, and anxious behaviors in a neuropathic pain model: Possible role of CB1 and TRPV1 receptors. <i>Neuropharmacology</i> , 2021, 197, 108712.	4.1	31
47	Neuroethological evaluation of audiogenic seizures and audiogenic-like seizures induced by microinjection of bicuculline into the inferior colliculus. II. Effects of nigral clobazam microinjections. <i>Behavioural Brain Research</i> , 1992, 52, 19-28.	2.2	30
48	Antinociceptive Effect of Stimulating the Occipital or Retrosplenial Cortex in Rats. <i>Journal of Pain</i> , 2010, 11, 1015-1026.	1.4	30
49	Immunohistochemical localization of myosin va in the adult rat brain. <i>Neuroscience</i> , 2003, 121, 573-586.	2.3	29
50	Functional characterization of the hypothalamicâ€“pituitaryâ€“adrenal axis of the Wistar Audiogenic Rat (WAR) strain. <i>Brain Research</i> , 2011, 1381, 141-147.	2.2	29
51	Elucidating the Neurotoxicity of the Star Fruit. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13067-13070.	13.8	29
52	Sexual differentiation of cortical spreading depression propagation after acute and kindled audiogenic seizures in the Wistar audiogenic rat (WAR). <i>Epilepsy Research</i> , 2009, 83, 207-214.	1.6	28
53	Role of neurokinin-1 expressing neurons in the locus coeruleus on ventilatory and cardiovascular responses to hypercapnia. <i>Respiratory Physiology and Neurobiology</i> , 2010, 172, 24-31.	1.6	28
54	Serotonin in the dorsal periaqueductal gray inhibits panic-like defensive behaviors in rats exposed to acute hypoxia. <i>Neuroscience</i> , 2015, 307, 191-198.	2.3	28

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55	Free-floating adult human brain-derived slice cultures as a model to study the neuronal impact of Alzheimer's disease-associated A $\beta$ oligomers. <i>Journal of Neuroscience Methods</i> , 2018, 307, 203-209.	2.5	27
56	Audiogenic and audiogenic-like seizures: Locus of induction and seizure severity determine postictal prolactin patterns. <i>Pharmacology Biochemistry and Behavior</i> , 1996, 53, 503-510.	2.9	26
57	Divergent brain changes in two audiogenic rat strains: A voxel-based morphometry and diffusion tensor imaging comparison of the genetically epilepsy prone rat (GEPR-3) and the Wistar Audiogenic Rat (WAR). <i>Neurobiology of Disease</i> , 2018, 111, 80-90.	4.4	26
58	Dipyrone, a novel anticonvulsant agent? Insights from three experimental epilepsy models. <i>NeuroReport</i> , 1998, 9, 2415-2421.	1.2	25
59	Behavioral effects of intra-nigral microinjections of manganese chloride: Interaction with nitric oxide. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2000, 24, 307-325.	4.8	25
60	Correlation between shaking behaviors and seizure severity in five animal models of convulsive seizures. <i>Epilepsy and Behavior</i> , 2005, 6, 328-336.	1.7	25
61	Validation of Suitable Reference Genes for Expression Studies in Different Pilocarpine-Induced Models of Mesial Temporal Lobe Epilepsy. <i>PLoS ONE</i> , 2013, 8, e71892.	2.5	25
62	Combined Role of Seizure-Induced Dendritic Morphology Alterations and Spine Loss in Newborn Granule Cells with Mossy Fiber Sprouting on the Hyperexcitability of a Computer Model of the Dentate Gyrus. <i>PLoS Computational Biology</i> , 2014, 10, e1003601.	3.2	25
63	Neuroethological evaluation of audiogenic seizures in hemidetelencephalated rats. <i>Behavioural Brain Research</i> , 1989, 33, 65-77.	2.2	24
64	Differential audiogenic seizure sensitization by selective unilateral substantia nigra lesions in resistant Wistar rats. <i>Physiology and Behavior</i> , 1995, 58, 273-282.	2.1	24
65	Neuroethology application for the study of human temporal lobe epilepsy: From basic to applied sciences. <i>Epilepsy and Behavior</i> , 2006, 8, 149-160.	1.7	24
66	Modulation of B1 and B2 kinin receptors expression levels in the hippocampus of rats after audiogenic kindling and with limbic recruitment, a model of temporal lobe epilepsy. <i>International Immunopharmacology</i> , 2008, 8, 200-205.	3.8	24
67	A combined study of behavior and Fos expression in limbic structures after re-testing Wistar rats in the elevated plus-maze. <i>Brain Research Bulletin</i> , 2010, 81, 595-599.	3.0	24
68	Temporal Rearrangement of Pre-ictal PTZ Induced Spike Discharges by Low Frequency Electrical Stimulation to the Amygdaloid Complex. <i>Brain Stimulation</i> , 2014, 7, 170-178.	1.6	24
69	Changes in autonomic control of the cardiovascular system in the Wistar audiogenic rat (WAR) strain. <i>Epilepsy and Behavior</i> , 2011, 22, 666-670.	1.7	23
70	Star fruit: simultaneous neurotoxic and nephrotoxic effects in people with previously normal renal function. <i>CKJ: Clinical Kidney Journal</i> , 2009, 2, 485-488.	2.9	22
71	Evidence of early involvement of matrix metalloproteinase-2 in lead-induced hypertension. <i>Archives of Toxicology</i> , 2009, 83, 439-449.	4.2	22
72	The non-coding RNA BC1 is down-regulated in the hippocampus of Wistar Audiogenic Rat (WAR) strain after audiogenic kindling. <i>Brain Research</i> , 2011, 1367, 114-121.	2.2	22

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73	Differential expression of c-fos mRNA and Fos protein in the rat brain after restraint stress or pentylenetetrazol-induced seizures. <i>Cellular and Molecular Neurobiology</i> , 1998, 18, 339-346.	3.3	21
74	A semi-automated algorithm for studying neuronal oscillatory patterns: A wavelet-based time frequency and coherence analysis. <i>Journal of Neuroscience Methods</i> , 2008, 167, 384-392.	2.5	21
75	Imipramine enhances cell proliferation and decreases neurodegeneration in the hippocampus after transient global cerebral ischemia in rats. <i>Neuroscience Letters</i> , 2010, 470, 43-48.	2.1	21
76	Pharmacological and neuroethological studies of three antiepileptic drugs in the Genetic Audiogenic Seizure Hamster (GASH:Sal). <i>Epilepsy and Behavior</i> , 2013, 28, 413-425.	1.7	21
77	Impaired central respiratory chemoreflex in an experimental genetic model of epilepsy. <i>Journal of Physiology</i> , 2017, 595, 983-999.	2.9	21
78	Intrinsic and synaptic properties of hippocampal CA1 pyramidal neurons of the Wistar Audiogenic Rat (WAR) strain, a genetic model of epilepsy. <i>Scientific Reports</i> , 2018, 8, 10412.	3.3	21
79	Insulin Resistance as a Common Link Between Current Alzheimer's Disease Hypotheses. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 71-105.	2.6	21
80	Role of the superior colliculus in the expression of acute and kindled audiogenic seizures in Wistar audiogenic rats. <i>Epilepsia</i> , 2009, 50, 2563-2574.	5.1	20
81	Increased expression of GluR2 $\alpha$ flip in the hippocampus of the Wistar audiogenic rat strain after acute and kindled seizures. <i>Hippocampus</i> , 2010, 20, 125-133.	1.9	19
82	An electrographic analysis of the synchronous discharge patterns of GEPR-9s generalized seizures. <i>Brain Research</i> , 2005, 1046, 1-9.	2.2	18
83	Electrophysiological properties of cultured hippocampal neurons from Wistar Audiogenic Rats. <i>Brain Research Bulletin</i> , 2005, 65, 177-183.	3.0	18
84	The neurobiological substrates of behavioral manifestations during temporal lobe seizures: A neuroethological and ictal SPECT correlation study. <i>Epilepsy and Behavior</i> , 2010, 17, 344-353.	1.7	18
85	Inhibition of sodium glucose cotransporters following status epilepticus induced by intrahippocampal pilocarpine affects neurodegeneration process in hippocampus. <i>Epilepsy and Behavior</i> , 2016, 61, 258-268.	1.7	17
86	Methodological standards and functional correlates of depth in vivo electrophysiological recordings in control rodents. A TASK 1 WG 3 report of the AES / ILAE Translational Task Force of the ILAE. <i>Epilepsia</i> , 2017, 58, 28-39.	5.1	17
87	Morphofunctional alterations in the olivocochlear efferent system of the genetic audiogenic seizure-prone hamster GASH:Sal. <i>Epilepsy and Behavior</i> , 2017, 71, 193-206.	1.7	17
88	Is dystonic posturing during temporal lobe epileptic seizures the expression of an endogenous anticonvulsant system?. <i>Epilepsy and Behavior</i> , 2008, 12, 39-48.	1.7	16
89	Evidence for augmented brainstem activated forebrain seizures in Wistar Audiogenic Rats subjected to transauricular electroshock. <i>Neuroscience Letters</i> , 2004, 369, 19-23.	2.1	15
90	Amygdala rapid kindling impairs breathing in response to chemoreflex activation. <i>Brain Research</i> , 2019, 1718, 159-168.	2.2	15

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91	Synaptic plasticity along the sleep-wake cycle: Implications for epilepsy. <i>Epilepsy and Behavior</i> , 2009, 14, 47-53.	1.7	14
92	Looking for complexity in quantitative semiology of frontal and temporal lobe seizures using neuroethology and graph theory. <i>Epilepsy and Behavior</i> , 2014, 38, 81-93.	1.7	14
93	Pharmacological and neuroethological study of the acute and chronic effects of lamotrigine in the genetic audiogenic seizure hamster (GASH:Sal). <i>Epilepsy and Behavior</i> , 2017, 71, 207-217.	1.7	14
94	Multimodal early-life stress induces biological changes associated to psychopathologies. <i>Hormones and Behavior</i> , 2018, 100, 69-80.	2.1	14
95	Diurnal Variation Has Effect on Differential Gene Expression Analysis in the Hippocampus of the Pilocarpine-Induced Model of Mesial Temporal Lobe Epilepsy. <i>PLoS ONE</i> , 2015, 10, e0141121.	2.5	14
96	A comparative neuroethological study of limbic seizures induced by <i>Parawixia bistriata</i> venom and kainic acid injections in rats. <i>Brain Research Bulletin</i> , 2001, 55, 79-86.	3.0	13
97	Effect of lactation on the expression of audiogenic seizures: association with plasma prolactin profiles. <i>Epilepsy Research</i> , 2003, 54, 109-121.	1.6	13
98	Serotonergic neurons in the nucleus raphe obscurus are not involved in the ventilatory and thermoregulatory responses to hypoxia in adult rats. <i>Respiratory Physiology and Neurobiology</i> , 2013, 187, 139-148.	1.6	13
99	Identification of microRNAs with Dysregulated Expression in Status Epilepticus Induced Epileptogenesis. <i>PLoS ONE</i> , 2016, 11, e0163855.	2.5	13
100	Intense olfactory stimulation blocks seizures in an experimental model of epilepsy. <i>Epilepsy and Behavior</i> , 2018, 79, 213-224.	1.7	13
101	Top Common Differentially Expressed Genes in the Epileptogenic Nucleus of Two Strains of Rodents Susceptible to Audiogenic Seizures: WAR and GASH/Sal. <i>Frontiers in Neurology</i> , 2020, 11, 33.	2.4	13
102	Morphological Alterations in Newly Born Dentate Gyrus Granule Cells That Emerge after Status Epilepticus Contribute to Make Them Less Excitable. <i>PLoS ONE</i> , 2012, 7, e40726.	2.5	13
103	Challenges in the use of animal models and perspectives for a translational view of stress and psychopathologies. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 140, 104771.	6.1	13
104	Behavioral effects of bicuculline microinjection in the dorsal versus ventral hippocampal formation of rats, and control of seizures by nigral muscimol. <i>Epilepsy Research</i> , 2004, 58, 155-165.	1.6	12
105	Evaluation of Cardiovascular Risk Factors in the Wistar Audiogenic Rat (WAR) Strain. <i>PLoS ONE</i> , 2015, 10, e0129574.	2.5	12
106	Cannabinoid Receptor Type 1 (CB1R) Expression in Limbic Brain Structures After Acute and Chronic Seizures in a Genetic Model of Epilepsy. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 602258.	2.0	12
107	Chronic cannabidiol (CBD) administration induces anticonvulsant and antiepileptogenic effects in a genetic model of epilepsy. <i>Epilepsy and Behavior</i> , 2021, 119, 107962.	1.7	12
108	Time evolution of acoustic information processing in the mesencephalon of Wistar rats. <i>Neuroscience Letters</i> , 2000, 284, 13-16.	2.1	11

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109	Behavioral and EEG effects of GABAergic manipulation of the nigrotectal pathway in the Wistar audiogenic rat strain. <i>Epilepsy and Behavior</i> , 2011, 22, 191-199.	1.7	11
110	Cortical stimulation in conscious rats controls joint inflammation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 84, 201-213.	4.8	11
111	Absence epilepsy in male and female WAG/Rij rats: A longitudinal EEG analysis of seizure expression. <i>Epilepsy Research</i> , 2021, 176, 106693.	1.6	10
112	Using Postmortem hippocampi tissue can interfere with differential gene expression analysis of the epileptogenic process. <i>PLoS ONE</i> , 2017, 12, e0182765.	2.5	10
113	Diuresis and natriuresis in non-seizing and in kindled rats from a genetically audiogenic susceptible strain. <i>NeuroReport</i> , 1994, 5, 1873-1876.	1.2	9
114	Behavioral, Ventilatory and Thermoregulatory Responses to Hypercapnia and Hypoxia in the Wistar Audiogenic Rat (WAR) Strain. <i>PLoS ONE</i> , 2016, 11, e0154141.	2.5	9
115	Cannabinoids in Audiogenic Seizures: From Neuronal Networks to Future Perspectives for Epilepsy Treatment. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 611902.	2.0	9
116	Identification of Endogenous Reference Genes for the Analysis of microRNA Expression in the Hippocampus of the Pilocarpine-Induced Model of Mesial Temporal Lobe Epilepsy. <i>PLoS ONE</i> , 2014, 9, e100529.	2.5	9
117	Increased TRPV1 Channels and FosB Protein Expression Are Associated with Chronic Epileptic Seizures and Anxiogenic-like Behaviors in a Preclinical Model of Temporal Lobe Epilepsy. <i>Biomedicines</i> , 2022, 10, 416.	3.2	9
118	Different types of status epilepticus lead to different levels of brain damage in rats. <i>Epilepsy and Behavior</i> , 2005, 7, 401-410.	1.7	8
119	Short-Term Free-Floating Slice Cultures from the Adult Human Brain. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	8
120	Energy Metabolism and Redox State in Brains of Wistar Audiogenic Rats, a Genetic Model of Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 1007.	2.4	8
121	Behavioral and Cardiorespiratory Responses to Bilateral Microinjections of Oxytocin into the Central Nucleus of Amygdala of Wistar Rats, an Experimental Model of Compulsion. <i>PLoS ONE</i> , 2014, 9, e99284.	2.5	8
122	A complex systems view on the current hypotheses of epilepsy pharmacoresistance. <i>Epilepsia Open</i> , 2022, 7, .	2.4	8
123	Behavioral and EEG effects of GABAergic manipulation of the nigro-tectal pathway in the Wistar audiogenic rat (WAR) strain II: An EEG wavelet analysis and retrograde neuronal tracer approach. <i>Epilepsy and Behavior</i> , 2012, 24, 391-398.	1.7	7
124	Oxidative stress and Na,K-ATPase activity differential regulation in brainstem and forebrain of Wistar Audiogenic rats may lead to increased seizure susceptibility. <i>Brain Research</i> , 2018, 1679, 171-178.	2.2	7
125	Real time mapping of rat midbrain neural circuitry using auditory evoked potentials. <i>Hearing Research</i> , 2001, 161, 35-44.	2.0	6
126	Evaluation of Maternal Reproductive Outcomes and Biochemical Analysis from Wistar Audiogenic Rats (WAR) and Repercussions in Their Offspring. <i>Reproductive Sciences</i> , 2020, 27, 2223-2231.	2.5	6



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127	Inflammatory markers in the hippocampus after audiogenic kindling. <i>Neuroscience Letters</i> , 2020, 721, 134830.	2.1	6
128	CURRENT CONTROVERSIES AND FUTURE DIRECTIONS IN BASAL GANGLIA RESEARCH. <i>Psychiatric Clinics of North America</i> , 1997, 20, 945-962.	1.3	5
129	Quantitative movement trajectory analysis and neuroethology in clinical epileptology. <i>Epilepsy and Behavior</i> , 2009, 15, 266-267.	1.7	5
130	Neurodegenerative Diversity in human cortical contusion: Histological analysis of tissue derived from decompressive craniectomy. <i>Brain Research</i> , 2013, 1537, 86-99.	2.2	5
131	Introduction to Epilepsies: Complexity and Comorbidities. <i>Epilepsy and Behavior</i> , 2014, 38, 1-2.	1.7	5
132	The highly efficient powerhouse in the Wistar audiogenic rat, an epileptic rat strain. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 316, R243-R254.	1.8	5
133	Overlapping Neural Substrates Underlying Defense Reactions, Aversive Memory, and Convulsive Behavior. , 1992, , 240-256.		5
134	A Genetic Model of Epilepsy with a Partial Alzheimer's Disease-Like Phenotype and Central Insulin Resistance. <i>Molecular Neurobiology</i> , 2022, 59, 3721-3737.	4.0	5
135	Neuroethological analysis of the effects of spider venom from <i>Scorpocosa raptoria</i> (Lycosidae: Tj ETQq1 1 0.784314 rgBT /Overlock 1 581-588.	3.0	4
136	Hyperthermia-induced seizures followed by repetitive stress are associated with age-dependent changes in specific aspects of the mouse stress system. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12697.	2.6	4
137	Behavioral and EEGraphic Characterization of the Anticonvulsant Effects of the Predator Odor (TMT) in the Amygdala Rapid Kindling, a Model of Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2020, 11, 586724.	2.4	4
138	Epilepsy Seizures in Spontaneously Hypertensive Rats After Acoustic Stimulation: Role of Renin-Angiotensin System. <i>Frontiers in Neuroscience</i> , 2020, 14, 588477.	2.8	4
139	Putative Causal Variant on <i>Vlgr1</i> for the Epileptic Phenotype in the Model Wistar Audiogenic Rat. <i>Frontiers in Neurology</i> , 2021, 12, 647859.	2.4	4
140	Searching for a paradigm shift in the research on the epilepsies and associated neuropsychiatric comorbidities. From ancient historical knowledge to the challenge of contemporary systems complexity and emergent functions. <i>Epilepsy and Behavior</i> , 2021, 121, 107930.	1.7	4
141	Star fruit. , 2008, , 901-912.		3
142	Myosins and DYNLL1/LC8 in the honey bee ( <i>Apis mellifera</i> L.) brain. <i>Journal of Insect Physiology</i> , 2011, 57, 1300-1311.	2.0	3
143	Physiological and Pathophysiological Expansion of Neuronal Networks. , 2014, , 375-385.		3
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