

# Ali Gorji

## List of Publications by Year in descending order

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161  
papers

4,572  
citations

116194

36  
h-index

162838

57  
g-index

166  
all docs

166  
docs citations

166  
times ranked

5867  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19-Induced Stroke and the Potential of Using Mesenchymal Stem Cells-Derived Extracellular Vesicles in the Regulation of Neuroinflammation. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 37-46.	1.7	6
2	Synergistic Therapeutic Effects of Probiotic <i>Lactobacillus casei</i> TD-2 Consumption on GM-CSF-Induced Immune Responses in a Murine Model of Cervical Cancer. <i>Nutrition and Cancer</i> , 2022, 74, 372-382.	0.9	6
3	The association between micronutrients and the SARS-CoV-2-specific antibodies in convalescent patients. <i>Infection</i> , 2022, 50, 965-972.	2.3	2
4	Recording dual-mode near-infrared spectroscopy and ultra-low frequency electroencephalography during spreading depression. , 2022, , .		1
5	Neural stem cell therapy in conjunction with curcumin loaded in niosomal nanoparticles enhanced recovery from traumatic brain injury. <i>Scientific Reports</i> , 2022, 12, 3572.	1.6	16
6	CD133-Functionalized Gold Nanoparticles as a Carrier Platform for Telaglenastat (CB-839) against Tumor Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5479.	1.8	21
7	Neuroinflammation: The Pathogenic Mechanism of Neurological Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5744.	1.8	11
8	MicroRNA alterations in neuropathologic cognitive disorders with an emphasis on dementia: Lessons from animal models. <i>Journal of Cellular Physiology</i> , 2021, 236, 806-823.	2.0	16
9	Potential roles of micronutrient deficiency and immune system dysfunction in the coronavirus disease 2019 (COVID-19) pandemic. <i>Nutrition</i> , 2021, 82, 111047.	1.1	49
10	Targeting BMI-1 with PLGA-PEG nanoparticle-containing PTC209 modulates the behavior of human glioblastoma stem cells and cancer cells. <i>Cancer Nanotechnology</i> , 2021, 12, .	1.9	8
11	Detection of SARS-coronavirus-2 in the central nervous system of patients with severe acute respiratory syndrome and seizures. <i>Journal of NeuroVirology</i> , 2021, 27, 348-353.	1.0	7
12	The effect of GABAergic neurotransmission on the seizure-related activity of the laterodorsal thalamic nuclei and the somatosensory cortex in a genetic model of absence epilepsy. <i>Brain Research</i> , 2021, 1757, 147304.	1.1	4
13	Antitumor Effects of 5-Aminolevulinic Acid on Human Malignant Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5596.	1.8	10
14	Toll-Like Receptor Signaling Pathways: Novel Therapeutic Targets for Cerebrovascular Disorders. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6153.	1.8	25
15	SARS-CoV-2 may trigger inflammasome and pyroptosis in the central nervous system: a mechanistic view of neurotropism. <i>Inflammopharmacology</i> , 2021, 29, 1049-1059.	1.9	16
16	Safety and efficacy of bone marrow derived-mesenchymal stem cells transplantation in patients with amyotrophic lateral sclerosis. <i>Regenerative Therapy</i> , 2021, 18, 268-274.	1.4	13
17	Improvement of Rat Spinal Cord Injury Following Lentiviral Vector-Transduced Neural Stem/Progenitor Cells Derived from Human Epileptic Brain Tissue Transplantation with a Self-assembling Peptide Scaffold. <i>Molecular Neurobiology</i> , 2021, 58, 2481-2493.	1.9	12
18	COVID-19 pandemic: the possible influence of the long-term ignorance about climate change. <i>Environmental Science and Pollution Research</i> , 2021, 28, 15575-15579.	2.7	15

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19	A Review on the Neurological Manifestations of COVID-19 Infection: a Mechanistic View. <i>Molecular Neurobiology</i> , 2021, 58, 536-549.	1.9	35
20	Therapeutic role of yoga in neuropsychological disorders. <i>World Journal of Psychiatry</i> , 2021, 11, 754-773.	1.3	6
21	The alteration of neuronal activities of the cuneiform nucleus in non-hypovolemic and hypovolemic hypotensive conditions. <i>Arquivos De Neuro-Psiquiatria</i> , 2021, 79, 871-878.	0.3	0
22	Plasma Cytokines Profile in Subjects with Alzheimer's Disease: Interleukin 1 Alpha as a Candidate for Target Therapy. <i>Galen</i> , 2021, 10, e1974.	0.6	1
23	The Impact of Estradiol on Neurogenesis and Cognitive Functions in Alzheimer's Disease. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 283-299.	1.7	31
24	Serum pro-inflammatory and anti-inflammatory cytokines and the pathogenesis of experimental autoimmune encephalomyelitis. <i>Neuropathology</i> , 2020, 40, 84-92.	0.7	21
25	Association of cortical spreading depression and seizures in patients with medically intractable epilepsy. <i>Clinical Neurophysiology</i> , 2020, 131, 2861-2874.	0.7	19
26	Transplantation of R-GSIK scaffold with mesenchymal stem cells improves neuroinflammation in a traumatic brain injury model. <i>Cell and Tissue Research</i> , 2020, 382, 575-583.	1.5	10
27	Curcumin Loaded in Niosomal Nanoparticles Improved the Anti-tumor Effects of Free Curcumin on Glioblastoma Stem-like Cells: an In Vitro Study. <i>Molecular Neurobiology</i> , 2020, 57, 3391-3411.	1.9	60
28	Spreading Depolarization Facilitates the Transition of Neuronal Burst Firing from Interictal to Ictal State. <i>Neuroscience</i> , 2020, 441, 176-183.	1.1	7
29	Conformational change and GTPase activity of human tubulin: A comparative study on Alzheimer's disease and healthy brain. <i>Journal of Neurochemistry</i> , 2020, 155, 207-224.	2.1	8
30	The role of Toll-like receptor signaling pathways in cerebrovascular disorders: the impact of spreading depolarization. <i>Journal of Neuroinflammation</i> , 2020, 17, 108.	3.1	22
31	Evaluation of the antitumor immune responses of probiotic <i>Bifidobacterium bifidum</i> in human papillomavirus-induced tumor model. <i>Microbial Pathogenesis</i> , 2020, 145, 104207.	1.3	52
32	Neuronal injury and death following focal mild brain injury: The role of network excitability and seizure. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 63-70.	1.0	7
33	Lentiviral vector-mediated transduction of adult neural stem/progenitor cells isolated from the temporal tissues of epileptic patients. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 354-361.	1.0	5
34	Dental stem cells: The role of biomaterials and scaffolds in developing novel therapeutic strategies. <i>World Journal of Stem Cells</i> , 2020, 12, 897-921.	1.3	31
35	Online Epileptic Seizure Prediction Using Phase Synchronization and Two Time Characteristics: SOP and SPH. <i>International Clinical Neuroscience Journal</i> , 2020, 7, 16-25.	0.1	2
36	Large traumatic basal ganglia hematoma: surgical treatment versus conservative management. <i>Journal of Neurosurgical Sciences</i> , 2020, 64, 154-157.	0.3	2

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37	Effect of Nortriptyline on Spreading Depolarization. Archives of Neuroscience, 2020, 7, .	0.1	0
38	Meningioma Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1296, 33-48.	0.8	5
39	COVID-19: the Potential Role of Nutritional Deficiencies, Global Climatic Changes, and Immune System Dysfunction. Iranian Journal of War and Public Health, 2020, 12, 249-258.	0.1	1
40	The Anticonvulsant Effect of the Ketogenic Diet in the Treatment of Epilepsy. The Neuroscience Journal of Shefaye Khatam, 2020, 9, 200-209.	0.4	2
41	Switching from high-fat diet to foods containing resveratrol as a calorie restriction mimetic changes the architecture of arcuate nucleus to produce more newborn anorexigenic neurons. European Journal of Nutrition, 2019, 58, 1687-1701.	1.8	11
42	Optimal selection of SOP and SPH using fuzzy inference system for on-line epileptic seizure prediction based on EEG phase synchronization. Australasian Physical and Engineering Sciences in Medicine, 2019, 42, 1049-1068.	1.4	14
43	Therapeutic potential of conditioned medium derived from oligodendrocytes cultured in a self-assembling peptide nanoscaffold in experimental autoimmune encephalomyelitis. Brain Research, 2019, 1711, 226-235.	1.1	14
44	Immunomodulatory and prophylactic effects of Bifidobacterium bifidum probiotic strain on influenza infection in mice. World Journal of Microbiology and Biotechnology, 2019, 35, 91.	1.7	65
45	Transplantation of human meningioma stem cells loaded on a self-assembling peptide nanoscaffold containing IKVAV improves traumatic brain injury in rats. Acta Biomaterialia, 2019, 92, 132-144.	4.1	41
46	Natural Infection with Rabies Virus: A Histopathological and Immunohistochemical Study of Human Brains. Osong Public Health and Research Perspectives, 2019, 10, 6-11.	0.7	17
47	Neuroticism and Frontal EEG Asymmetry Correlated With Dynamic Facial Emotional Processing in Adolescents. Frontiers in Psychology, 2019, 10, 175.	1.1	12
48	Cell injury and receptor expression in the epileptic human amygdala. Neurobiology of Disease, 2019, 124, 416-427.	2.1	20
49	Non-replicating Newcastle Disease Virus as an adjuvant for DNA vaccine enhances antitumor efficacy through the induction of TRAIL and granzyme B expression. Virus Research, 2019, 261, 72-80.	1.1	13
50	Review on the Third International Neuroinflammation Congress and Student Festival of Neuroscience in Mashhad University of Medical Sciences. The Neuroscience Journal of Shefaye Khatam, 2019, 7, 111-253.	0.4	1
51	Uncensored EEG: The role of DC potentials in neurobiology of the brain. Progress in Neurobiology, 2018, 165-167, 51-65.	2.8	27
52	ATPase N-ethylmaleimide-sensitive Fusion Protein: A Novel Key Player for Causing Spontaneous Network Excitation in Human Temporal Lobe Epilepsy. Neuroscience, 2018, 371, 371-383.	1.1	4
53	Astrocyte-mediated inflammation in cortical spreading depression. Cephalalgia, 2018, 38, 626-638.	1.8	59
54	Laminin-derived Ile-Lys-Val-ala-Val: a promising bioactive peptide in neural tissue engineering in traumatic brain injury. Cell and Tissue Research, 2018, 371, 223-236.	1.5	39

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55	Resveratrol promotes the arcuate nucleus architecture remodeling to produce more anorexigenic neurons in high-fat-dietâ€fed mice. <i>Nutrition</i> , 2018, 50, 49-59.	1.1	7
56	Enhancement of therapeutic DNA vaccine potency by melatonin through inhibiting VEGF expression and induction of antitumor immunity mediated by CD8+ T cells. <i>Archives of Virology</i> , 2018, 163, 587-597.	0.9	29
57	Targeting Voltage-Dependent Calcium Channels with Pregabalin Exerts a Direct Neuroprotective Effect in an Animal Model of Multiple Sclerosis. <i>NeuroSignals</i> , 2018, 26, 77-93.	0.5	22
58	Protective potential of dimethyl fumarate in a mouse model of thalamocortical demyelination. <i>Brain Structure and Function</i> , 2018, 223, 3091-3106.	1.2	16
59	Human Neural Stem/Progenitor Cells Derived From Epileptic Human Brain in a Self-Assembling Peptide Nanoscaffold Improve Traumatic Brain Injury in Rats. <i>Molecular Neurobiology</i> , 2018, 55, 9122-9138.	1.9	39
60	Generation of motor neurons from human amygdala-derived neural stem-like cells. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 1155-1160.	1.0	5
61	The Modulatory Effect of Metabotropic Glutamate Receptor Type-1 $\pm$ on Spike-Wave Discharges in WAG/Rij Rats. <i>Molecular Neurobiology</i> , 2017, 54, 846-854.	1.9	14
62	Rapamycin Augments Immunomodulatory Properties of Bone Marrow-Derived Mesenchymal Stem Cells in Experimental Autoimmune Encephalomyelitis. <i>Molecular Neurobiology</i> , 2017, 54, 2445-2457.	1.9	25
63	Effects of garlic extract on spreading depression: In vitro and in vivo investigations. <i>Nutritional Neuroscience</i> , 2017, 20, 127-134.	1.5	16
64	Adjuvant use of the NKT cell agonist alpha-galactosylceramide leads to enhancement of M2-based DNA vaccine immunogenicity and protective immunity against influenza A virus. <i>Archives of Virology</i> , 2017, 162, 1251-1260.	0.9	28
65	Developmental changes in Notch1 and NLE1 expression in a genetic model of absence epilepsy. <i>Brain Structure and Function</i> , 2017, 222, 2773-2785.	1.2	16
66	Apoptosis Following Cortical Spreading Depression in Juvenile Rats. <i>Molecular Neurobiology</i> , 2017, 55, 4225-4239.	1.9	11
67	Gabapentin prevents cortical spreading depolarization-induced disinhibition. <i>Neuroscience</i> , 2017, 361, 1-5.	1.1	11
68	Enhancement of Neural Stem Cell Survival, Proliferation, Migration, and Differentiation in a Novel Self-Assembly Peptide Nanofibber Scaffold. <i>Molecular Neurobiology</i> , 2017, 54, 8050-8062.	1.9	35
69	Metabolic and Homeostatic Changes in Seizures and Acquired Epilepsyâ€™ Mitochondria, Calcium Dynamics and Reactive Oxygen Species. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1935.	1.8	84
70	Curcumin attenuates harmful effects of arsenic on neural stem/progenitor cells. <i>Avicenna Journal of Phytomedicine</i> , 2017, 7, 376-388.	0.1	13
71	Thalamocortical-auditory network alterations following cuprizoneâ€induced demyelination. <i>Journal of Neuroinflammation</i> , 2016, 13, 160.	3.1	18
72	Preparing neural stem/progenitor cells in PuraMatrix hydrogel for transplantation after brain injury in rats: A comparative methodological study. <i>Brain Research</i> , 2016, 1642, 197-208.	1.1	34

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73	Tightrope or Slackline? The Neuroscience of Psychoactive Substances. Trends in Pharmacological Sciences, 2016, 37, 511-521.	4.0	2
74	Non-invasive monitoring of spreading depression. Neuroscience, 2016, 333, 1-12.	1.1	17
75	Combination of the toll like receptor agonist and Î±-Galactosylceramide as an efficient adjuvant for cancer vaccine. Journal of Biomedical Science, 2016, 23, 16.	2.6	37
76	Immunomodulatory Effect of Toll-Like Receptor-3 Ligand Poly I:C on Cortical Spreading Depression. Molecular Neurobiology, 2016, 53, 143-154.	1.9	39
77	TRPV1 receptors augment basal synaptic transmission in CA1 and CA3 pyramidal neurons in epilepsy. Neuroscience, 2016, 314, 170-178.	1.1	28
78	The Effect of Melatonin on Behavioral, Molecular, and Histopathological Changes in Cuprizone Model of Demyelination. Molecular Neurobiology, 2016, 53, 4675-4684.	1.9	39
79	Survival, proliferation, and migration of human meningioma stem-like cells in a nanopeptide scaffold. Iranian Journal of Basic Medical Sciences, 2016, 19, 1271-1278.	1.0	8
80	Effects of TRPV1 on the hippocampal synaptic plasticity in the epileptic rat brain. Synapse, 2015, 69, 375-383.	0.6	32
81	Cognitive impairments and neuronal injury in different brain regions of a genetic rat model of absence epilepsy. Neuroscience, 2015, 298, 161-170.	1.1	41
82	Curcumin as a double-edged sword for stem cells: dose, time and cell type-specific responses to curcumin. DARU, Journal of Pharmaceutical Sciences, 2015, 23, 33.	0.9	54
83	Altered inhibition in the hippocampal neural networks after spreading depression. Neuroscience, 2015, 304, 190-197.	1.1	10
84	ISDN2014_0034: The immunological and neuroimmunological response to spreading depression in Wistar rats. International Journal of Developmental Neuroscience, 2015, 47, 6-7.	0.7	0
85	Anticonvulsant effect of neural regeneration peptide 2945 on pentylenetetrazol-induced seizures in rats. Neuropeptides, 2015, 49, 15-23.	0.9	14
86	Protective Effect of a cAMP Analogue on Behavioral Deficits and Neuropathological Changes in Cuprizone Model of Demyelination. Molecular Neurobiology, 2015, 52, 130-141.	1.9	23
87	Structural and functional effects of social isolation on the hippocampus of rats with traumatic brain injury. Behavioural Brain Research, 2015, 278, 55-65.	1.2	35
88	Avicenna's Canon of Medicine: a review of analgesics and anti-inflammatory substances. Avicenna Journal of Phytomedicine, 2015, 5, 182-202.	0.1	22
89	The course of anxiety and depression in surgical and non-surgical patients. International Journal of Psychiatry in Clinical Practice, 2014, 18, 16-20.	1.2	10
90	Interstitial amino acid concentrations in rodent brain tissue during chemical ischemia. Journal of Neuroscience Research, 2014, 92, 955-963.	1.3	2

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91	Spreading depression triggers ictal activity in partially disinhibited neuronal tissues. <i>Experimental Neurology</i> , 2014, 253, 1-15.	2.0	46
92	Comparing the effect of Toll-like receptor agonist adjuvants on the efficiency of a DNA vaccine. <i>Archives of Virology</i> , 2014, 159, 1951-1960.	0.9	33
93	Cortical spreading depression modulates the caudate nucleus activity. <i>Neuroscience</i> , 2014, 267, 83-90.	1.1	23
94	Propagation of cortical spreading depression into the hippocampus: The role of the entorhinal cortex. <i>Synapse</i> , 2014, 68, 574-584.	0.6	23
95	A new and safe method for stereotactically harvesting neural stem/progenitor cells from the adult rat subventricular zone. <i>Journal of Neuroscience Methods</i> , 2014, 225, 81-89.	1.3	22
96	A novel traumatic brain injury model for induction of mild brain injury in rats. <i>Journal of Neuroscience Methods</i> , 2014, 233, 18-27.	1.3	11
97	DNA vaccine encoding HPV-16 E7 with mutation in L-Y-C-Y-E pRb-binding motif induces potent anti-tumor responses in mice. <i>Journal of Virological Methods</i> , 2014, 206, 12-18.	1.0	25
98	Garlic: a review of potential therapeutic effects. <i>Avicenna Journal of Phytomedicine</i> , 2014, 4, 1-14.	0.1	176
99	Familial hemiplegic migraine and spreading depression. <i>Iranian Journal of Child Neurology</i> , 2014, 8, 6-11.	0.2	9
100	Proconvulsive effect of hydrochlorothiazide in an in vitro rat seizure model. <i>Iranian Journal of Basic Medical Sciences</i> , 2014, 17, 860-6.	1.0	0
101	Sanctions against Iran: The Impact on Health Services. <i>Iranian Journal of Public Health</i> , 2014, 43, 381-2.	0.3	26
102	Modulatory Effects of Dopamine D2 Receptors on Spreading Depression in Rat Somatosensory Neocortex. <i>Basic and Clinical Neuroscience</i> , 2014, 5, 246-52.	0.3	5
103	Diminution of the NMDA receptor NR2B subunit in cortical and subcortical areas of WAG/Rij rats. <i>Synapse</i> , 2013, 67, 839-846.	0.6	19
104	Medical supplies in Iran hit by sanctions. <i>Nature</i> , 2013, 495, 314-314.	13.7	11
105	Role of L- and T-Type Calcium Channels in Regulation of Absence Seizures in Wag/Rij Rats. <i>Neurophysiology</i> , 2013, 45, 312-318.	0.2	5
106	Lavender and the Nervous System. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	0.5	175
107	Behavioural and histopathological assessment of the effects of periodic fasting on pentylenetetrazol-induced seizures in rats. <i>Nutritional Neuroscience</i> , 2013, 16, 147-152.	1.5	13
108	Sequential changes in neuronal activity in single neocortical neurons after spreading depression. <i>Cephalalgia</i> , 2012, 32, 116-124.	1.8	31

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109	Spreading convulsions, spreading depolarization and epileptogenesis in human cerebral cortex. <i>Brain</i> , 2012, 135, 259-275.	3.7	211
110	The Inflammatory Chemokine CXCL10 Modulates Synaptic Plasticity and Neuronal Activity in the Hippocampus. <i>European Journal of Inflammation</i> , 2012, 10, 311-328.	0.2	5
111	Anticonvulsant and neuroprotective effects of <i>Pimpinella anisum</i> in rat brain. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 76.	3.7	71
112	Intractable epilepsy and craniocerebral trauma: Analysis of 163 patients with blunt and penetrating head injuries sustained in war. <i>Injury</i> , 2012, 43, 2132-2135.	0.7	28
113	The effects of tetanic stimulation on plasticity of remote synapses in the hippocampusâ€™perirhinal cortexâ€™amygdala network. <i>Synapse</i> , 2012, 66, 965-974.	0.6	16
114	Multireceptor analysis in human neocortex reveals complex alterations of receptor ligand binding in focal epilepsies. <i>Epilepsia</i> , 2012, 53, 1987-1997.	2.6	29
115	Lavender Essential Oil in the Treatment of Migraine Headache: A Placebo-Controlled Clinical Trial. <i>European Neurology</i> , 2012, 67, 288-291.	0.6	70
116	Neuronal death by repetitive cortical spreading depression in juvenile rat brain. <i>Experimental Neurology</i> , 2012, 233, 438-446.	2.0	44
117	Lambda Phage Nanoparticles for Targetomics. <i>Biotechnology</i> , 2012, 11, 95-99.	0.5	1
118	The 1st International Congress of Road Safety in Mashhad, Iran. <i>Journal of Injury and Violence Research</i> , 2012, 4, 101-102.	0.7	4
119	Tissue Inhibitors of Matrix Metalloproteinase-3, Potential Therapeutic Target against Multiple Sclerosis. <i>American Journal of Biochemistry and Molecular Biology</i> , 2012, 2, 195-199.	0.6	1
120	Effect of cannabinoid receptor activation on spreading depression. <i>Iranian Journal of Basic Medical Sciences</i> , 2012, 15, 926-36.	1.0	34
121	Seizure-related activity of intralaminar thalamic neurons in a genetic model of absence epilepsy. <i>Neurobiology of Disease</i> , 2011, 43, 266-274.	2.1	43
122	Chronically Epileptic Human and Rat Neocortex Display a Similar Resistance Against Spreading Depolarization In Vitro. <i>Stroke</i> , 2011, 42, 2917-2922.	1.0	50
123	Interictal-like network activity and receptor expression in the epileptic human lateral amygdala. <i>Brain</i> , 2011, 134, 2929-2947.	3.7	56
124	Thalamic afferent activation of supragranular layers in auditory cortex in vitro: a voltage sensitive dye study. <i>Neuroscience</i> , 2010, 165, 371-385.	1.1	26
125	The effect of repetitive spreading depression on neuronal damage in juvenile rat brain. <i>Neuroscience</i> , 2010, 169, 388-394.	1.1	36
126	Epileptiform EEG Spikes and Their Functional Significance. <i>Clinical EEG and Neuroscience</i> , 2009, 40, 230-233.	0.9	21



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127	Periodic fasting alters neuronal excitability in rat neocortical and hippocampal tissues. <i>Neurobiology of Disease</i> , 2009, 36, 384-392.	2.1	8
128	Patterns of neurotransmitter receptor distributions following cortical spreading depression. <i>Neuroscience</i> , 2009, 163, 1340-1352.	1.1	46
129	NON-SYNAPTIC MECHANISMS   Ionic Microenvironment in Living Human Brain and Epileptic Seizures. , 2009, , 953-958.		0
130	IMAGING   Functional Imaging of Neuronal Network Activity in Living Human Brain Tissues In Vitro. , 2009, , 535-539.		0
131	Glutamate and dopamine receptors contribute to the lateral spread of epileptiform discharges in rat neocortical slices. <i>Epilepsia</i> , 2008, 49, 237-247.	2.6	5
132	Spreading Depression Enhances Human Neocortical Excitability <i>in vitro</i> . <i>Cephalalgia</i> , 2008, 28, 558-562.	1.8	84
133	Cortical spreading depression modulates synaptic transmission of the rat lateral amygdala. <i>European Journal of Neuroscience</i> , 2008, 27, 2057-2065.	1.2	41
134	Female gonadal hormones, migraine, and spreading depression. <i>Annals of Neurology</i> , 2007, 62, 678-679.	2.8	0
135	Rapamycin: Brain Excitability Studied in vitro. <i>Epilepsia</i> , 2007, 48, 834-836.	2.6	38
136	The effect of estrogen and progesterone on spreading depression in rat neocortical tissues. <i>Neurobiology of Disease</i> , 2007, 25, 27-34.	2.1	55
137	Effect of eugenol on spreading depression and epileptiform discharges in rat neocortical and hippocampal tissues. <i>Neuroscience</i> , 2006, 140, 743-751.	1.1	58
138	Effect of cortical spreading depression on synaptic transmission of rat hippocampal tissues. <i>European Journal of Neuroscience</i> , 2006, 23, 1103-1110.	1.2	39
139	Neocortical Microenvironment in Patients with Intractable Epilepsy: Potassium and Chloride Concentrations. <i>Epilepsia</i> , 2006, 47, 297-310.	2.6	21
140	Brain Tumor and Epilepsy: A New Neurophysiologic and Neuropathologic Ex Vivo In Vitro Model. , 2006, , 527-533.		0
141	Psychiatry and Psychology in Medieval Persia. <i>Journal of Clinical Psychiatry</i> , 2006, 67, 1862-1869.	1.1	20
142	Epilepsy surgery: perioperative investigations of intractable epilepsy. <i>Anatomy and Embryology</i> , 2005, 210, 525-537.	1.5	9
143	Spreading depression enhances the spontaneous epileptiform activity in human neocortical tissues. <i>European Journal of Neuroscience</i> , 2004, 19, 3371-3374.	1.2	67
144	Natural remedies for impotence in medieval Persia. <i>International Journal of Impotence Research</i> , 2004, 16, 80-83.	1.0	38

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145	Spinal and cortical spreading depression enhance spinal cord activity. <i>Neurobiology of Disease</i> , 2004, 15, 70-79.	2.1	32
146	Background potassium concentrations and epileptiform discharges. <i>Brain Research</i> , 2003, 959, 135-148.	1.1	17
147	Background potassium concentrations and epileptiform discharges. <i>Brain Research</i> , 2003, 959, 149-159.	1.1	6
148	Stimulus-induced patterns of bioelectric activity in human neocortical tissue recorded by a voltage sensitive dye. <i>Neuroscience</i> , 2003, 121, 587-604.	1.1	18
149	Pharmacological treatment of headache using traditional Persian medicine. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 331-334.	4.0	64
150	The Lateral Spread of Epileptiform Discharges in Rat Neocortical Slices: Effect of Focal Phencyclidine Application. <i>Pharmacopsychiatry</i> , 2003, 36, 113-120.	1.7	40
151	Epileptogenic effect of cyclosporine in guinea-pig hippocampal slices. <i>Neuroscience</i> , 2002, 115, 993-997.	1.1	12
152	History of headache in medieval Persian medicine. <i>Lancet Neurology</i> , The, 2002, 1, 510-515.	4.9	119
153	Effect of Levetiracetam on Epileptiform Discharges in Human Neocortical Slices. <i>Epilepsia</i> , 2002, 43, 1480-1487.	2.6	32
154	Spreading depression: a review of the clinical relevance. <i>Brain Research Reviews</i> , 2001, 38, 33-60.	9.1	272
155	History of epilepsy in Medieval Iranian medicine. <i>Neuroscience and Biobehavioral Reviews</i> , 2001, 25, 455-461.	2.9	92
156	Low Concentration of DL-2- $\alpha$ -Amino-3- $\alpha$ -phosphonovalerate Induces Epileptiform Activity in Guinea Pig Hippocampal Slices. <i>Epilepsia</i> , 2001, 42, 1228-1230.	2.6	7
157	Lowering the extracellular potassium concentration elicits epileptic activity in neocortical tissue of epileptic patients. <i>European Journal of Neuroscience</i> , 2001, 13, 639-640.	1.2	11
158	Spreading depression in human neocortical slices. <i>Brain Research</i> , 2001, 906, 74-83.	1.1	116
159	Lowering of the potassium concentration induces epileptiform activity in guinea-pig hippocampal slices. <i>Brain Research</i> , 2001, 908, 130-139.	1.1	14
160	NiCl <sub>2</sub> and Amiloride Induce Spreading Depression in Guinea Pig Hippocampal Slices. <i>Cephalalgia</i> , 2000, 20, 740-747.	1.8	15
161	Optical Monitoring of Neuronal Activity During Spontaneous Sharp Waves in Chronically Epileptic Human Neocortical Tissue. <i>Journal of Neurophysiology</i> , 2000, 84, 2161-2165.	0.9	36