Tae-Cheon Kang

List of Publications by Year
in descending order

275	10,811	76196 40	40881 93
papers	citations	h-index	g-index

277	277	277	19237
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	The P2X7 receptorâ€“pannexin-1 complex decreases muscarinic acetylcholine receptorâ€“mediated seizure susceptibility in mice. Journal of Clinical Investigation, 2011, 121, 2037-2047.	3.9	165
3	Epileptogenic roles of astroglial death and regeneration in the dentate gyrus of experimental temporal lobe epilepsy. Glia, 2006, 54, 258-271.	2.5	136
4	Transduction of human catalase mediated by an HIV-1 TAT protein basic domain and arginine-rich peptides into mammalian cells. Free Radical Biology and Medicine, 2001, 31, 1509-1519.	1.3	120
5	In vivo protein transduction: biologically active intact pep-1-superoxide dismutase fusion protein efficiently protects against ischemic insult. Free Radical Biology and Medicine, 2004, 37, 1656-1669.	1.3	119
6	Extended genetic effects of ADH cluster genes on the risk of alcohol dependence: from GWAS to replication. Human Genetics, 2013, 132, 657-668.	1.8	97
7	Immunohistochemical detection of oxidative DNA damage induced by ischemiaâ€“reperfusion insults in gerbil hippocampus in vivo. Brain Research, 1999, 836, 70-78.	1.1	96
8	Lysophosphatidylcholine Increases Neutrophil Bactericidal Activity by Enhancement of Azurophil Granule-Phagosome Fusion via GlycineÂ·GlyRÎ±2/TRPM2/p38 MAPK Signaling. Journal of Immunology, 2010, 184, 4401-4413.	0.4	87
9	Astroglial loss and edema formation in the rat piriform cortex and hippocampus following pilocarpineâ€induced status epilepticus. Journal of Comparative Neurology, 2010, 518, 4612-4628.	0.9	80
10	Transduced human PEPâ€1â€“heat shock proteinâ€ƒ27 efficiently protects against brain ischemic insult. FEBS Journal, 2008, 275, 1296-1308.	2.2	79
11	The alterations of N-Methyl-d-aspartate receptor expressions and oxidative DNA damage in the CA1 area at the early time after ischemia-reperfusion insult. Neuroscience Letters, 2001, 301, 139-142.	1.0	78
12	Gastrodin decreases immunoreactivities of ?-aminobutyric acid shunt enzymes in the hippocampus of seizure-sensitive gerbils. Journal of Neuroscience Research, 2003, 71, 534-543.	1.3	77
13	Berberry Extract Reduces Neuronal Damage and N-Methyl-D-aspartate Receptor 1 Immunoreactivity in the Gerbil Hippocampus after Transient Forebrain Ischemia. Biological and Pharmaceutical Bulletin, 2006, 29, 623-628.	0.6	76
14	Soy Isoflavones Improve Spatial Delayed Matching-to-Place Performance and Reduce Cholinergic Neuron Loss in Elderly Male Rats. Journal of Nutrition, 2004, 134, 1827-1831.	1.3	70
15	PEP-1â€“SOD fusion protein efficiently protects against paraquat-induced dopaminergic neuron damage in a Parkinson disease mouse model. Free Radical Biology and Medicine, 2006, 41, 1058-1068.	1.3	70
16	Spatiotemporal characteristics of astroglial death in the rat hippocampoâ€entorhinal complex following pilocarpineâ€induced status epilepticus. Journal of Comparative Neurology, 2008, 511, 581-598.	0.9	70
17	Ionized Calcium-binding Adapter Molecule 1 Immunoreactive Cells Change in the Gerbil Hippocampal CA1 Region after Ischemia/Reperfusion. Neurochemical Research, 2006, 31, 957-965.	1.6	66
18	Human Pyridoxal Phosphatase. Journal of Biological Chemistry, 2003, 278, 50040-50046.	1.6	64

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19	Neuroprotective effects of grape seed extract on neuronal injury by inhibiting DNA damage in the gerbil hippocampus after transient forebrain ischemia. Life Sciences, 2004, 75, 1989-2001.	2.0	64
20	Levetiracetam inhibits interleukin-1Î² inflammatory responses in the hippocampus and piriform cortex of epileptic rats. Neuroscience Letters, 2010, 471, 94-99.	1.0	60
21	Aggregation of Î±-synuclein induced by the Cu,Zn-superoxide dismutase and hydrogen peroxide system. Free Radical Biology and Medicine, 2002, 32, 544-550.	1.3	59
22	Copper chaperone for Cu,Zn-SOD supplement potentiates the Cu,Zn-SOD function of neuroprotective effects against ischemic neuronal damage in the gerbil hippocampus. Free Radical Biology and Medicine, 2005, 39, 392-402.	1.3	59
23	Tat-glyoxalase protein inhibits against ischemic neuronal cell damage and ameliorates ischemic injury. Free Radical Biology and Medicine, 2014, 67, 195-210.	1.3	59
24	Neuroprotective effects of roasted licorice, not raw form, on neuronal injury in gerbil hippocampus after transient forebrain ischemia1. Acta Pharmacologica Sinica, 2006, 27, 959-965.	2.8	57
25	Nuclear Factor-Erythroid 2-Related Factor 2 (Nrf2) and Mitochondrial Dynamics/Mitophagy in Neurological Diseases. Antioxidants, 2020, 9, 617.	2.2	56
26	P2X7 receptor differentially modulates astroglial apoptosis and clasmatodendrosis in the rat brain following status epilepticus. Hippocampus, 2011, 21, 1318-1333.	0.9	55
27	Status Epilepticus Induces Vasogenic Edema via Tumor Necrosis Factor-Î±/ Endothelin-1-Mediated Two Different Pathways. PLoS ONE, 2013, 8, e74458.	1.1	55
28	Anti-glutamatergic effect of riluzole: Comparison with valproic acid. Neuroscience, 2007, 147, 136-145.	1.1	51
29	P2X7 receptor regulates leukocyte infiltrations in rat frontoparietal cortex following status epilepticus. Journal of Neuroinflammation, 2010, 7, 65.	3.1	50
30	p65/RelA-Ser529 NF-ÎºB Subunit Phosphorylation Induces Autophagic Astroglial Death (Clasmatodendrosis) Following Status Epilepticus. Cellular and Molecular Neurobiology, 2011, 31, 1071-1078.	1.7	49
31	ETB receptor-mediated MMP-9 activation induces vasogenic edema via ZO-1 protein degradation following status epilepticus. Neuroscience, 2015, 304, 355-367.	1.1	49
32	Spatial and temporal alterations in the GABA shunt in the gerbil hippocampus following transient ischemia. Brain Research, 2002, 944, 10-18.	1.1	47
33	The temporal alteration of GAD67/GAD65 ratio in the gerbil hippocampal complex following seizure. Brain Research, 2001, 920, 159-169.	1.1	44
34	Changed vesicular GABA transporter immunoreactivity in the gerbil hippocampus following spontaneous seizure and vigabatrin administration. Neuroscience Letters, 2003, 335, 207-211.	1.0	44
35	Transduced PEP-1-ribosomal protein S3 (rpS3) ameliorates 12-O-tetradecanoylphorbol-13-acetate-induced inflammation in mice. Toxicology, 2010, 276, 192-197.	2.0	43
36	Expression and changes of endogenous insulin-like growth factor-1 in neurons and glia in the gerbil hippocampus and dentate gyrus after ischemic insult. Neurochemistry International, 2004, 45, 149-156.	1.9	42

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37	P2X7 receptor activation ameliorates CA3 neuronal damage via a tumor necrosis factor-Î±-mediated pathway in the rat hippocampus following status epilepticus. Journal of Neuroinflammation, 2011, 8, 62.	3.1	42
38	The Reverse Roles of Transient Receptor Potential Canonical Channel-3 and -6 in Neuronal Death Following Pilocarpine-Induced Status Epilepticus. Cellular and Molecular Neurobiology, 2013, 33, 99-109.	1.7	42
39	Mineralocorticoid and glucocorticoid receptor expressions in astrocytes and microglia in the gerbil hippocampal CA1 region after ischemic insult. Neuroscience Research, 2006, 54, 319-327.	1.0	41
40	Transduced Tat-SOD fusion protein protects against ischemic brain injury. Molecules and Cells, 2005, 19, 88-96.	1.0	41
41	The alteration of Î³-aminobutyric acid-transaminase expression in the gerbil hippocampus induced by seizure. Neurochemistry International, 2001, 38, 609-614.	1.9	39
42	Blockade of P2X receptor prevents astroglial death in the dentate gyrus following pilocarpine-induced status epilepticus. Neurological Research, 2009, 31, 982-988.	0.6	39
43	Transduced human PEP-1â€“catalase fusion protein attenuates ischemic neuronal damage. Free Radical Biology and Medicine, 2009, 47, 941-952.	1.3	39
44	P2RX7-MAPK1/2-SP1 axis inhibits MTOR independent HSPB1-mediated astroglial autophagy. Cell Death and Disease, 2018, 9, 546.	2.7	39
45	Transduced Tatâ€“SAG fusion protein protects against oxidative stress and brain ischemic insult. Free Radical Biology and Medicine, 2010, 48, 969-977.	1.3	38
46	Genomic organization, tissue distribution and deletion mutation of human pyridoxine 5'-phosphate oxidase. FEBS Journal, 2004, 271, 2452-2461.	0.2	37
47	Human PEP-1-ribosomal protein S3 protects against UV-induced skin cell death. FEBS Letters, 2006, 580, 6755-6762.	1.3	37
48	The ceruloplasmin and hydrogen peroxide system induces Î±-synuclein aggregation in vitro. Biochimie, 2002, 84, 625-631.	1.3	36
49	Upregulated TWIKâ€related acidâ€sensitive K⁺ channelâ€2 in neurons and perivascular astrocytes in the hippocampus of experimental temporal lobe epilepsy. Epilepsia, 2009, 50, 654-663.	2.6	36
50	The altered expression of GABA shunt enzymes in the gerbil hippocampus before and after seizure generation. Neurochemistry International, 2003, 42, 239-249.	1.9	35
51	Tumor necrosis factor-Î±-mediated threonine 435 phosphorylation of p65 nuclear factor-ÎºB subunit in endothelial cells induces vasogenic edema and neutrophil infiltration in the rat piriform cortex following status epilepticus. Journal of Neuroinflammation, 2012, 9, 6.	3.1	35
52	Carnosine and related dipeptides protect human ceruloplasmin against peroxyl radical-mediated modification. Molecules and Cells, 2002, 13, 498-502.	1.0	35
53	Angiogenin Is Involved in Morphological Changes and Angiogenesis in the Ovary. Biochemical and Biophysical Research Communications, 1999, 257, 182-186.	1.0	34
54	The changes in the expressions of Î³-aminobutyric acid transporters in the gerbil hippocampal complex following spontaneous seizure. Neuroscience Letters, 2001, 310, 29-32.	1.0	34

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55	Valproic acid reduces enhanced vesicular glutamate transporter immunoreactivities in the dentate gyrus of the seizure prone gerbil. Neuropharmacology, 2005, 49, 912-921.	2.0	34
56	Decrease in dystrophin expression prior to disruption of brainâ€“blood barrier within the rat piriform cortex following status epilepticus. Brain Research, 2011, 1369, 173-183.	1.1	34
57	Alterations in Na+/H+ exchanger and Na+/HCO3â¯ cotransporter immunoreactivities within the gerbil hippocampus following seizure. Molecular Brain Research, 2002, 109, 226-232.	2.5	33
58	P2X2 and P2X4 receptor expression is regulated by a GABAA receptor-mediated mechanism in the gerbil hippocampus. Molecular Brain Research, 2003, 116, 168-175.	2.5	33
59	Neuronal loss in primary long-term cortical culture involves neurodegeneration-like cell death via calpain and p35 processing, but not developmental apoptosis or aging. Experimental and Molecular Medicine, 2007, 39, 14-26.	3.2	33
60	Enhanced glial fibrillary acidic protein-Î´ expression in human astrocytic tumor. Neuroscience Letters, 2009, 463, 182-187.	1.0	32
61	Amelioration of Streptozotocin-Induced Diabetes by Agrocybe chaxingu Polysaccharide. Molecules and Cells, 2010, 29, 349-354.	1.0	32
62	The over-expression of somatostatin in the gerbil entorhinal cortex induced by seizure. Brain Research, 2000, 882, 55-61.	1.1	31
63	Phytol, SSADH inhibitory diterpenoid ofLactuca sativa. Archives of Pharmacal Research, 2002, 25, 643-646.	2.7	31
64	Bilateral enhancement of excitation via up-regulation of vesicular glutamate transporter subtype 1, not subtype 2, immunoreactivity in the unilateral hypoxic epilepsy model. Brain Research, 2005, 1055, 122-130.	1.1	31
65	Hyperthermic seizure induces persistent alteration in excitability of the dentate gyrus in immature rats. Brain Research, 2008, 1216, 1-15.	1.1	31
66	9-polylysine protein transduction domain: enhanced penetration efficiency of superoxide dismutase into mammalian cells and skin. Molecules and Cells, 2002, 13, 202-8.	1.0	31
67	Pyridoxalâ€5â€²â€phosphate phosphatase/chronophin induces astroglial apoptosis via actinâ€depolymerizing factor/cofilin system in the rat brain following status epilepticus. Glia, 2010, 58, 1937-1948.	2.5	30
68	The role of TRPC6 in seizure susceptibility and seizure-related neuronal damage in the rat dentate gyrus. Neuroscience, 2015, 307, 215-230.	1.1	30
69	The temporal and spatial expressions of neuropeptide Y induced by seizure in the hippocampal complex of gerbil. Brain Research, 2000, 870, 179-184.	1.1	29
70	Up-regulated astroglial TWIK-related acid-sensitive K+ channel-1 (TASK-1) in the hippocampus of seizure-sensitive gerbils: A target of anti-epileptic drugs. Brain Research, 2007, 1185, 346-358.	1.1	29
71	p47Phox/CDK5/DRP1-Mediated Mitochondrial Fission Evokes PV Cell Degeneration in the Rat Dentate Gyrus Following Status Epilepticus. Frontiers in Cellular Neuroscience, 2017, 11, 267.	1.8	29
72	Effects of GABAergic transmissions on the immunoreactivities of calcium binding proteins in the gerbil hippocampus. Journal of Comparative Neurology, 2005, 485, 153-164.	0.9	27

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73	Potential role of pyridoxal-5â€²-phosphate phosphatase/chronopin in epilepsy. Experimental Neurology, 2008, 211, 128-140.	2.0	27
74	F-actin depolymerization accelerates clasmatodendrosis via activation of lysosome-derived autophagic astroglial death. Brain Research Bulletin, 2011, 85, 368-373.	1.4	27
75	TRPC6-mediated ERK1/2 phosphorylation prevents dentate granule cell degeneration via inhibiting mitochondrial elongation. Neuropharmacology, 2017, 121, 120-129.	2.0	27
76	Chronological alterations of calbindin D-28k immunoreactivity in the gerbil main olfactory bulb after ischemic insult. Brain Research, 2003, 971, 250-254.	1.1	26
77	Up-regulation of endothelial endothelin-1 expression prior to vasogenic edema formation in the rat piriform cortex following status epilepticus. Neuroscience Letters, 2011, 501, 25-30.	1.0	25
78	A histopathological diagnostic marker for human spinal astrocytoma: expression of glial fibrillary acidic protein-Î². Journal of Neuro-Oncology, 2012, 108, 45-52.	1.4	25
79	Interleukin-18 attenuates disruption of brainâ€“blood barrier induced by status epilepticus within the rat piriform cortex in interferon-Î³ independent pathway. Brain Research, 2012, 1447, 126-134.	1.1	25
80	Hyperforin attenuates microglia activation and inhibits p65-Ser276 NFÎºB phosphorylation in the rat piriform cortex following status epilepticus. Neuroscience Research, 2014, 85, 39-50.	1.0	25
81	Roscovitine Attenuates Microglia Activation and Monocyte Infiltration via p38 MAPK Inhibition in the Rat Frontoparietal Cortex Following Status Epilepticus. Cells, 2019, 8, 746.	1.8	25
82	Oxidative DNA damage and alteration of glutamate transporter expressions in the hippocampal Ca1 area immediately after ischemic insult. Molecules and Cells, 2002, 13, 476-80.	1.0	25
83	Glial cells in the bird retina. Microscopy Research and Technique, 2000, 50, 151-160.	1.2	24
84	Ischemia-induced changes of platelet endothelial cell adhesion molecule-1 in the hippocampal CA1 region in gerbils. Brain Research, 2005, 1048, 251-257.	1.1	24
85	The decreases in calcium binding proteins and neurofilament immunoreactivities in the Purkinje cell of the Seizure Sensitive Gerbils. Neurochemistry International, 2002, 40, 115-122.	1.9	23
86	Down-regulation of delayed rectifier K+ channels in the hippocampus of seizure sensitive gerbils. Brain Research Bulletin, 2009, 80, 433-442.	1.4	23
87	Potential roles of Dâ€serine and serine racemase in experimental temporal lobe epilepsy. Journal of Neuroscience Research, 2010, 88, 2469-2482.	1.3	23
88	RelA/p65-serine 536 nuclear factor-kappa B phosphorylation is related to vulnerability to status epilepticus in the rat hippocampus. Neuroscience, 2011, 187, 93-102.	1.1	23
89	Differential expression of intermediate filaments in the process of developing hepatic steatosis. Proteomics, 2011, 11, 2777-2789.	1.3	23
90	Endothelin-1 induces LIMK2-mediated programmed necrotic neuronal death independent of NOS activity. Molecular Brain, 2015, 8, 58.	1.3	23

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91	Differential Roles of Mitochondrial Translocation of Active Caspase-3 and HMGB1 in Neuronal Death Induced by Status Epilepticus. Frontiers in Cellular Neuroscience, 2018, 12, 301.	1.8	23
92	Transduced Tat-Î±-Synuclein Protects against Oxidative Stress In vitro and In vivo. BMB Reports, 2006, 39, 253-262.	1.1	23
93	Immunohistochemical studies of brain pyridoxine-5â€²-phosphate oxidase. Brain Research, 2002, 925, 159-168.	1.1	22
94	Mitochondrial Translocation of High Mobility Group Box 1 Facilitates LIM Kinase 2-Mediated Programmed Necrotic Neuronal Death. Frontiers in Cellular Neuroscience, 2016, 10, 99.	1.8	22
95	Chronological changes of N-methyl-D-aspartate receptors and excitatory amino acid carrier 1 immunoreactivities in CA1 area and subiculum after transient forebrain ischemia. Journal of Neurocytology, 2001, 30, 945-955.	1.6	21
96	The effect of levetiracetam on status epilepticus-induced neuronal death in the rat hippocampus. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 368-377.	0.9	21
97	The somatostatin receptors in the normal and epileptic hippocampus of the gerbil: subtype-specific localization and its alteration. Brain Research, 2003, 986, 91-102.	1.1	20
98	Differential paired-pulse responses between the CA1 region and the dentate gyrus are related to altered CLC-2 immunoreactivity in the pilocarpine-induced rat epilepsy model. Brain Research, 2006, 1115, 162-168.	1.1	20
99	Regionâ€specific alterations in astroglial TWIKâ€related acidâ€sensitive K⁺â€1 channel immunoreactivity in the rat hippocampal complex following pilocarpineâ€induced status epilepticus. Journal of Comparative Neurology, 2008, 510, 463-474.	0.9	20
100	Sustained HSP25 Expression Induces Clasmatodendrosis via ER Stress in the Rat Hippocampus. Frontiers in Cellular Neuroscience, 2017, 11, 47.	1.8	20
101	Altered corticotropin-releasing factor (CRF) receptor immunoreactivity in the gerbil hippocampal complex following spontaneous seizure. Neurochemistry International, 2003, 43, 39-45.	1.9	19
102	Expression and changes of galanin in neurons and microglia in the hippocampus after transient forebrain ischemia in gerbils. Brain Research, 2004, 1023, 193-199.	1.1	19
103	Reduced calcium binding protein immunoreactivity induced by electroconvulsive shock indicates neuronal hyperactivity, not neuronal death or deactivation. Neuroscience, 2006, 137, 317-326.	1.1	19
104	Nicotinamide reduces dopamine in postnatal hypothalamus and causes dopamine-deficient phenotype. Neuroscience Letters, 2009, 461, 163-166.	1.0	19
105	Blockade of endothelin B receptor improves the efficacy of levetiracetam in chronic epileptic rats. Seizure: the Journal of the British Epilepsy Association, 2015, 31, 133-140.	0.9	19
106	TRPC3- and ETB receptor-mediated PI3K/AKT activation induces vasogenic edema formation following status epilepticus. Brain Research, 2017, 1672, 58-64.	1.1	19
107	CDDO-Me Selectively Attenuates CA1 Neuronal Death Induced by Status Epilepticus via Facilitating Mitochondrial Fission Independent of LONP1. Cells, 2019, 8, 833.	1.8	19
108	CDDO-Me Attenuates Astroglial Autophagy via Nrf2-, ERK1/2-SP1- and Src-CK2-PTEN-PI3K/AKT-Mediated Signaling Pathways in the Hippocampus of Chronic Epilepsy Rats. Antioxidants, 2021, 10, 655.	2.2	19

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109	The circling mouse (C57BL/6J-cir) has a 40-kilobase genomic deletion that includes the transmembrane inner ear (tmie) gene. Comparative Medicine, 2006, 56, 476-81.	0.4	19
110	The differential expression of corticotropin releasing factor and its binding protein in the gerbil hippocampal complex following seizure. Neurochemistry International, 2003, 42, 57-65.	1.9	18
111	Altered Na+â€“K+ ATPase immunoreactivity within GABAergic neurons in the gerbil hippocampal complex induced by spontaneous seizure and vigabatrin treatment. Neurochemistry International, 2004, 45, 179-187.	1.9	18
112	Effects of selective serotonin reuptake inhibitors on GABAergic inhibition in the hippocampus of normal and pilocarpine induced epileptic rats. Brain Research, 2010, 1357, 131-141.	1.1	18
113	Endothelial Transient Receptor Potential Conical Channel (TRPC)-3 Activation Induces Vasogenic Edema Formation in the Rat Piriform Cortex Following Status Epilepticus. Cellular and Molecular Neurobiology, 2013, 33, 575-585.	1.7	18
114	PLPP/CIN-mediated NEDD4-2 S448 dephosphorylation regulates neuronal excitability via GluA1 ubiquitination. Cell Death and Disease, 2019, 10, 545.	2.7	18
115	Perampanel Affects Up-Stream Regulatory Signaling Pathways of GluA1 Phosphorylation in Normal and Epileptic Rats. Frontiers in Cellular Neuroscience, 2019, 13, 80.	1.8	18
116	Transduced HSP27 protein protects neuronal cell death by enhancing FALS-associated SOD1 mutant activity. BMB Reports, 2009, 42, 136-141.	1.1	18
117	Elevation of the Î³-aminobutyric acid transaminase expression in the gerbil CA1 area after ischemia-reperfusion damage. Neuroscience Letters, 2000, 294, 33-36.	1.0	17
118	Differential alteration of NMDA receptor subunits in the gerbil dentate gyrus and subiculum following seizure. Brain Research, 2001, 904, 104-111.	1.1	17
119	Changes in Na+â€“K+â€“Clâ^' cotransporter immunoreactivity in the gerbil hippocampus following transient ischemia. Neuroscience Research, 2002, 44, 249-254.	1.0	17
120	Changes in Na+â€“K+â€“Clâ^' cotransporter immunoreactivity in the gerbil hippocampus following spontaneous seizure. Neuroscience Research, 2002, 44, 285-295.	1.0	17
121	The evidence for GABAB receptor-mediated regulation of acidâ€“base balance: involvement of Na+/H+ exchanger and Na+/HCO3â^' cotransporter. Molecular Brain Research, 2003, 114, 86-90.	2.5	17
122	GABAA, not GABAB, receptor shows subunit- and spatial-specific alterations in the hippocampus of seizure prone gerbils. Brain Research, 2004, 1003, 98-107.	1.1	17
123	Ischemia-related change of ceruloplasmin immunoreactivity in neurons and astrocytes in the gerbil hippocampus and dentate gyrus. Neurochemistry International, 2004, 44, 601-607.	1.9	17
124	The roles of P2X7 receptor in regional-specific microglial responses in the rat brain following status epilepticus. Neurological Sciences, 2012, 33, 515-525.	0.9	17
125	The 5-item Alcohol Use Disorders Identification Test (AUDIT-5): An Effective Brief Screening Test for Problem Drinking, Alcohol Use Disorders and Alcohol Dependence. Alcohol and Alcoholism, 2013, 48, 68-73.	0.9	17
126	PLPP/CIN regulates bidirectional synaptic plasticity via GluN2A interaction with postsynaptic proteins. Scientific Reports, 2016, 6, 26576.	1.6	17

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127	Src/CK2/PTEN-Mediated GluN2B and CREB Dephosphorylations Regulate the Responsiveness to AMPA Receptor Antagonists in Chronic Epilepsy Rats. International Journal of Molecular Sciences, 2020, 21, 9633.	1.8	17
128	Changes in pyridoxal kinase immunoreactivity in the gerbil hippocampus following spontaneous seizure. Brain Research, 2002, 957, 242-250.	1.1	16
129	Chronological changes in pyridoxine-5?-phosphate oxidase immunoreactivity in the seizure-sensitive gerbil hippocampus. Journal of Neuroscience Research, 2002, 68, 785-791.	1.3	16
130	Increased Transforming Growth Factor-beta1 in Alcohol Dependence. Journal of Korean Medical Science, 2009, 24, 941.	1.1	16
131	Pyridoxalâ€5â€²â€phosphate phosphatase/chronophin inhibits longâ€term potentiation induction in the rat dentate gyrus. Hippocampus, 2009, 19, 1078-1089.	0.9	16
132	Suppression of scar formation in a murine burn wound model by the application of non-thermal plasma. Applied Physics Letters, 2011, 99, .	1.5	16
133	Dysfunction of 67-kDa Laminin Receptor Disrupts BBB Integrity via Impaired Dystrophin/AQP4 Complex and p38 MAPK/VEGF Activation Following Status Epilepticus. Frontiers in Cellular Neuroscience, 2019, 13, 236.	1.8	16
134	Age-related change of calbindin D-28k immunoreactive neurons in the rat main olfactory bulb. Neuroscience Letters, 2002, 326, 159-162.	1.0	15
135	Age-related changes of Î³-aminobutyric acid transaminase immunoreactivity in the hippocampus and dentate gyrus of the Mongolian gerbil. Brain Research, 2004, 1017, 77-84.	1.1	15
136	GABAB receptor-mediated regulation of P2X7 receptor expression in the gerbil hippocampus. Molecular Brain Research, 2004, 121, 12-18.	2.5	15
137	Changes in the expression of calbindin D-28k in the gerbil hippocampus following seizure. Neurochemistry International, 2004, 44, 145-152.	1.9	15
138	Seizure-induced changes of mineralocorticoid and glucocorticoid receptors in the hippocampus in seizure sensitive gerbils. Neuroscience Research, 2005, 53, 14-24.	1.0	15
139	Comparative study on Cu,Zn-SOD immunoreactivity and protein levels in the adult and aged hippocampal CA1 region after ischemiaâ€“reperfusion. Brain Research, 2006, 1092, 214-219.	1.1	15
140	The co-treatments of vigabatrin and P2X receptor antagonists protect ischemic neuronal cell death in the gerbil hippocampus. Brain Research, 2006, 1120, 151-160.	1.1	15
141	Over-expression of laminin correlates to recovery of vasogenic edema following status epilepticus. Neuroscience, 2014, 275, 146-161.	1.1	15
142	Agrocybe chaxingu polysaccharide prevent inflammation through the inhibition of COX-2 and NO production. BMB Reports, 2009, 42, 794-799.	1.1	15
143	Transduced Tat-Annexin protein suppresses inflammation-associated gene expression in lipopolysaccharide (LPS)-stimulated Raw 264.7 cells. BMB Reports, 2011, 44, 484-489.	1.1	15
144	Enhanced transduction of Cu,Zn-superoxide dismutase with HIV-1 Tat protein transduction domains at both termini. Molecules and Cells, 2005, 19, 191-7.	1.0	15

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145	Expression of corticotropin releasing factor, but not its binding protein, in CA1 pyramidal cells of gerbil hippocampus following transient ischemia. Brain Research, 2001, 899, 255-259.	1.1	14
146	Very delayed neuronal loss occurs in the glomerular layer of the main olfactory bulb following transient ischemia in gerbils. Neuroscience Letters, 2004, 366, 272-276.	1.0	14
147	Vigabatrin inhibits pyridoxine-5â€²-phosphate oxidase, not pyridoxal kinase in the hippocampus of seizure prone gerbils. Neurochemistry International, 2004, 44, 133-137.	1.9	14
148	PEPâ€1â€heat shock protein 27 protects from neuronal damage in cells and in a Parkinsonâ€™s disease mouse model. FEBS Journal, 2012, 279, 1929-1942.	2.2	14
149	Effect of vigabatrin on glutamate dehydrogenase in the hippocampus of seizure prone gerbils. Neuroscience Letters, 2003, 340, 115-118.	1.0	13
150	Microglial responses in the avascular quail retina following transection of the optic nerve. Brain Research, 2004, 1023, 15-23.	1.1	13
151	Elevated voltage-gated Ca2+ channel immunoreactivities in the hippocampus of seizure-prone gerbil. Brain Research, 2004, 1029, 168-178.	1.1	13
152	Comparison of Î±-synuclein immunoreactivity and protein levels in ischemic hippocampal CA1 region between adult and aged gerbils and correlation with Cu,Zn-superoxide dismutase. Neuroscience Research, 2006, 55, 434-441.	1.0	13
153	Seizure activity affects neuroglial Kv1 channel immunoreactivities in the gerbil hippocampus. Brain Research, 2007, 1151, 172-187.	1.1	13
154	The Current Situation of Treatment Systems for Alcoholism in Korea. Journal of Korean Medical Science, 2013, 28, 181.	1.1	13
155	Leptomycin B ameliorates vasogenic edema formation induced by status epilepticus via inhibiting p38 MAPK/VEGF pathway. Brain Research, 2016, 1651, 27-35.	1.1	13
156	Epigallocatechin-3-Gallate and PEDF 335 Peptide, 67LR Activators, Attenuate Vasogenic Edema, and Astroglial Degeneration Following Status Epilepticus. Antioxidants, 2020, 9, 854.	2.2	13
157	Inhibition of AKT/GSK3Î²/CREB Pathway Improves the Responsiveness to AMPA Receptor Antagonists by Regulating GRIA1 Surface Expression in Chronic Epilepsy Rats. Biomedicines, 2021, 9, 425.	1.4	13
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