

# Gyung W Kim

## List of Publications by Year in descending order

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37  
papers

1,450  
citations

393982

19  
h-index

344852

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1946  
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese Superoxide Dismutase Deficiency Exacerbates Cerebral Infarction After Focal Cerebral Ischemia/Reperfusion in Mice. <i>Stroke</i> , 2002, 33, 809-815.	1.0	233
2	Arterial Pulsatility as an Index of Cerebral Microangiopathy in Diabetes. <i>Stroke</i> , 2000, 31, 1111-1115.	1.0	138
3	Neurodegeneration in Striatum Induced by the Mitochondrial Toxin 3-Nitropropionic Acid: Role of Matrix Metalloproteinase-9 in Early Blood-Brain Barrier Disruption?. <i>Journal of Neuroscience</i> , 2003, 23, 8733-8742.	1.7	119
4	Excitotoxicity is Required for Induction of Oxidative Stress and Apoptosis in Mouse Striatum by the Mitochondrial Toxin, 3-Nitropropionic Acid. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 119-129.	2.4	111
5	Minocycline inhibits caspase-dependent and -independent cell death pathways and is neuroprotective against hippocampal damage after treatment with kainic acid in mice. <i>Neuroscience Letters</i> , 2006, 398, 195-200.	1.0	82
6	Blood flow velocity changes in the middle cerebral artery as an index of the chronicity of hypertension. <i>Journal of the Neurological Sciences</i> , 1997, 150, 77-80.	0.3	61
7	Involvement of Oxidative Stress and Caspase-3 in Cortical Infarction after Photothrombotic Ischemia in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 1690-1701.	2.4	60
8	Oxidative Stress and Neuronal DNA Fragmentation Mediate Age-Dependent Vulnerability to the Mitochondrial Toxin, 3-Nitropropionic Acid, in the Mouse Striatum. <i>Neurobiology of Disease</i> , 2001, 8, 114-126.	2.1	57
9	Involvement of Superoxide in Excitotoxicity and DNA Fragmentation in Striatal Vulnerability in Mice after Treatment with the Mitochondrial Toxin, 3-Nitropropionic Acid. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 798-809.	2.4	57
10	The role of MMP-9 in integrin-mediated hippocampal cell death after pilocarpine-induced status epilepticus. <i>Neurobiology of Disease</i> , 2009, 36, 169-180.	2.1	57
11	Dopaminergic influences on the P300 abnormality in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 1998, 158, 83-87.	0.3	48
12	Early Decrease in DNA Repair Proteins, Ku70 and Ku86, and Subsequent DNA Fragmentation After Transient Focal Cerebral Ischemia in Mice. <i>Stroke</i> , 2001, 32, 1401-1407.	1.0	47
13	Metalloporphyrin-Based Superoxide Dismutase Mimic Attenuates the Nuclear Translocation of Apoptosis-Inducing Factor and the Subsequent DNA Fragmentation After Permanent Focal Cerebral Ischemia in Mice. <i>Stroke</i> , 2005, 36, 2712-2717.	1.0	44
14	Inhibition of Interleukin-1 $\beta$ Converting Enzyme Family Proteases (Caspases) Reduces Cold Injury-Induced Brain Trauma and DNA Fragmentation in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 634-642.	2.4	40
15	Neuronal Expression of the DNA Repair Protein Ku 70 After Ischemic Preconditioning Corresponds to Tolerance to Global Cerebral Ischemia. <i>Stroke</i> , 2001, 32, 2388-2393.	1.0	37
16	Korean Addenbrooke's Cognitive Examination Revised (K-ACER) for differential diagnosis of Alzheimer's disease and subcortical ischemic vascular dementia. <i>Geriatrics and Gerontology International</i> , 2010, 10, 295-301.	0.7	37
17	Apoptosis signal-regulating kinase 1 (Ask1) targeted small interfering RNA on ischemic neuronal cell death. <i>Brain Research</i> , 2011, 1412, 73-78.	1.1	29
18	Knockdown of apoptosis signal-regulating kinase 1 affects ischaemia-induced astrocyte activation and glial scar formation. <i>European Journal of Neuroscience</i> , 2016, 43, 912-922.	1.2	26

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19	Neuroprotective effects of an antioxidant in cortical cerebral ischemia: prevention of early reduction of the apurinic/aprimidinic endonuclease DNA repair enzyme. <i>Neuroscience Letters</i> , 1999, 277, 61-64.	1.0	22
20	Preconditioning with Chronic Cerebral Hypoperfusion Reduces a Focal Cerebral Ischemic Injury and Increases Apurinic/Apyrimidinic Endonuclease/Redox Factor-1 and Matrix Metalloproteinase-2 Expression. <i>Current Neurovascular Research</i> , 2007, 4, 89-97.	0.4	16
21	Cerebroprotective effects of red ginseng extract pretreatment against ischemia-induced oxidative stress and apoptosis. <i>International Journal of Neuroscience</i> , 2013, 123, 269-277.	0.8	16
22	Vertigo of cerebrovascular origin proven by CT scan or MRI: pitfalls in clinical differentiation from vertigo of aural origin. <i>Yonsei Medical Journal</i> , 1996, 37, 47.	0.9	15
23	The adenoviral vector-mediated increase in apurinic/aprimidinic endonuclease inhibits the induction of neuronal cell death after transient ischemic stroke in mice. <i>Brain Research</i> , 2009, 1274, 1-10.	1.1	15
24	Induction of apoptosis signal-regulating kinase 1 and oxidative stress mediate age-dependent vulnerability to 3-nitropropionic acid in the mouse striatum. <i>Neuroscience Letters</i> , 2008, 430, 142-146.	1.0	13
25	Apoptosis signal-regulating kinase-1 aggravates ROS-mediated striatal degeneration in 3-nitropropionic acid-infused mice. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 280-285.	1.0	12
26	Apoptosis signal-regulating kinase 1 mediates striatal degeneration via the regulation of C1q. <i>Scientific Reports</i> , 2016, 6, 18840.	1.6	10
27	Differential caspase activity in the cortex and striatum with chronic infusion of 3-nitropropionic acid. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 631-637.	1.0	9
28	Two cases of mitochondrial myopathy with predominant respiratory dysfunction. <i>Yonsei Medical Journal</i> , 1991, 32, 184.	0.9	8
29	Post-ischemic administration of peptide with apurinic/aprimidinic endonuclease activity inhibits induction of cell death after focal cerebral ischemia/reperfusion in mice. <i>Neuroscience Letters</i> , 2009, 460, 166-169.	1.0	8
30	Decisive role of apurinic/aprimidinic endonuclease/Ref-1 in initiation of cell death. <i>Molecular and Cellular Neurosciences</i> , 2010, 45, 267-276.	1.0	6
31	Statins Promote Long-Term Recovery after Ischemic Stroke by Reconnecting Noradrenergic Neuronal Circuitry. <i>Neural Plasticity</i> , 2015, 2015, 1-10.	1.0	5
32	Changes in Blood Factors and Ultrasound Findings in Mild Cognitive Impairment and Dementia. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 427.	1.7	5
33	Relationship between the auditory P300 and the procedural memory function in drug-naive patients with Parkinson's disease. <i>Yonsei Medical Journal</i> , 1995, 36, 367.	0.9	4
34	RETT's syndrome in Korea: report of two cases. <i>Yonsei Medical Journal</i> , 1991, 32, 172.	0.9	1
35	Circulating Factors and Ultrasono-findings are Linked to Previous Atherosclerotic Burden and Recurrent Risk. <i>Current Pharmaceutical Design</i> , 2019, 25, 1424-1429.	0.9	1
36	Selective striatal cell loss is ameliorated by regulated autophagy of the cortex. <i>Life Sciences</i> , 2021, 282, 119822.	2.0	0

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37	Neuronal death/survival signaling pathways in cerebral ischemia. Neurotherapeutics, 2004, 1, 17-25.	2.1	0