Eminy H Y Lee

List of Publications by Year in Descending Order

26 papers	748 citations	18 h-index	27 g-index
27 ext. papers	887 ext. citations	7.7 avg, IF	3.9 L-index

#	Paper	IF	Citations
26	Melatonin Induction of APP Intracellular Domain 50 SUMOylation Alleviates AD through Enhanced Transcriptional Activation and A Degradation. *Molecular Therapy*, **2021**, 29, 376-395	11.7	5
25	Restoring Wnt6 signaling ameliorates behavioral deficits in MeCP2 T158A mouse model of Rett syndrome. *Scientific Reports*, **2020**, 10, 1074	4.9	14
24	Galectin-3 promotes A oligomerization and A toxicity in a mouse model of Alzheimer s disease. *Cell Death and Differentiation*, **2020**, 27, 192-209	12.7	31
23	Protein inhibitor of activated STAT1 Ser phosphorylation-mediated Elk-1 SUMOylation promotes neuronal survival in APP/PS1 mice. *British Journal of Pharmacology*, **2019**, 176, 1793-1810	8.6	7
22	Epigenetic regulation of HDAC1 SUMOylation as an endogenous neuroprotection against A toxicity in a mouse model of Alzheimer s disease. *Cell Death and Differentiation*, **2017**, 24, 597-614	12.7	27
21	Smad4 SUMOylation is essential for memory formation through upregulation of the skeletal myopathy gene TPM2. *BMC Biology*, **2017**, 15, 112	7.3	8
20	MeCP2 SUMOylation rescues Mecp2-mutant-induced behavioural deficits in a mouse model of Rett syndrome. *Nature Communications*, **2016**, 7, 10552	17.4	45
19	O2-02-03: HDAC1 Sumoylation Protects Against Amyloid-Beta Toxicity in a Mouse Model of Alzheimer s Disease **2016**, 12, P224-P224		
18	CREB SUMOylation by the E3 ligase PIAS1 enhances spatial memory. *Journal of Neuroscience*, **2014**, 34, 9574-89	6.6	30
17	STAT1 negatively regulates spatial memory formation and mediates the memory-impairing effect of A *Neuropsychopharmacology*, **2014**, 39, 746-58	8.7	27
16	Hes-1 SUMOylation by protein inhibitor of activated STAT1 enhances the suppressing effect of Hes-1 on GADD45 expression to increase cell survival. *Journal of Biomedical Science*, **2014**, 21, 53	13.3	13
15	JNK1 inhibits GluR1 expression and GluR1-mediated calcium influx through phosphorylation and stabilization of Hes-1. *Journal of Neuroscience*, **2012**, 32, 1826-46	6.6	25
14	Novel role and mechanism of protein inhibitor of activated STAT1 in spatial learning. *EMBO Journal*, **2011**, 30, 205-20	13	32
13	Brain-derived neurotrophic factor enhances Bcl-xL expression through protein kinase casein kinase 2-activated and nuclear factor kappa B-mediated pathway in rat hippocampus. *Brain Pathology*, **2011**, 21, 150-62	6	36
12	Laminin-1 impairs spatial learning through inhibition of ERK/MAPK and SGK1 signaling. *Neuropsychopharmacology*, **2011**, 36, 2571-86	8.7	14
11	SGK1 phosphorylation of IkappaB Kinase alpha and p300 Up-regulates NF-kappaB activity and increases N-Methyl-D-aspartate receptor NR2A and NR2B expression. *Journal of Biological Chemistry*, **2009**, 284, 4073-89	5.4	65
10	Serum- and glucocorticoid-inducible kinase 1 enhances zif268 expression through the mediation of SRF and CREB1 associated with spatial memory formation. *Journal of Neurochemistry*, **2008**, 105, 820-32	6	19

9	Serum- and glucocorticoid-inducible kinase1 enhances contextual fear memory formation through down-regulation of the expression of Hes5. *Journal of Neurochemistry*, **2007**, 100, 1531-42	6	24
8	Protein kinase CK2 impairs spatial memory formation through differential cross talk with PI-3 kinase signaling: activation of Akt and inactivation of SGK1. *Journal of Neuroscience*, **2007**, 27, 6243-8	6.6	21
7	SGK protein kinase facilitates the expression of long-term potentiation in hippocampal neurons. *Learning and Memory*, **2006**, 13, 114-8	2.8	32
6	Serum- and glucocorticoid-inducible kinase 1 (SGK1) increases neurite formation through microtubule depolymerization by SGK1 and by SGK1 phosphorylation of tau. *Molecular and Cellular Biology*, **2006**, 26, 8357-70	4.8	43
5	Serum- and glucocorticoid-inducible kinase (SGK) is a target of the MAPK/ERK signaling pathway that mediates memory formation in rats. *European Journal of Neuroscience*, **2006**, 23, 1311-20	3.5	25
4	Focal adhesion kinase is required, but not sufficient, for the induction of long-term potentiation in dentate gyrus neurons in vivo. *Journal of Neuroscience*, **2003**, 23, 4072-80	6.6	38
3	Enrichment enhances the expression of sgk, a glucocorticoid-induced gene, and facilitates spatial learning through glutamate AMPA receptor mediation. *European Journal of Neuroscience*, **2003**, 18, 2842-52	3.5	72
2	sgk, a primary glucocorticoid-induced gene, facilitates memory consolidation of spatial learning in rats. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 3990-5	11.5	86
1	Circadian rhythm in the Ca(2+)-inhibitable adenylyl activity of the rat striatum. *FEBS Letters*, **1996**, 385, 205-8	3.8	9