

Eminy H Y Lee

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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	sgk, a primary glucocorticoid-induced gene, facilitates memory consolidation of spatial learning in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 3990-5	11.5	86
25	Enrichment enhances the expression of sgk, a glucocorticoid-induced gene, and facilitates spatial learning through glutamate AMPA receptor mediation. <i>European Journal of Neuroscience</i> , 2003 , 18, 2842-52	3.5	72
24	SGK1 phosphorylation of I κ B Kinase alpha and p300 Up-regulates NF-kappaB activity and increases N-Methyl-D-aspartate receptor NR2A and NR2B expression. <i>Journal of Biological Chemistry</i> , 2009 , 284, 4073-89	5.4	65
23	MeCP2 SUMOylation rescues Mecp2-mutant-induced behavioural deficits in a mouse model of Rett syndrome. <i>Nature Communications</i> , 2016 , 7, 10552	17.4	45
22	Serum- and glucocorticoid-inducible kinase 1 (SGK1) increases neurite formation through microtubule depolymerization by SGK1 and by SGK1 phosphorylation of tau. <i>Molecular and Cellular Biology</i> , 2006 , 26, 8357-70	4.8	43
21	Focal adhesion kinase is required, but not sufficient, for the induction of long-term potentiation in dentate gyrus neurons in vivo. <i>Journal of Neuroscience</i> , 2003 , 23, 4072-80	6.6	38
20	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. <i>Brain Pathology</i> , 2011 , 21, 150-62	6	36
19	Novel role and mechanism of protein inhibitor of activated STAT1 in spatial learning. <i>EMBO Journal</i> , 2011 , 30, 205-20	13	32
18	SGK protein kinase facilitates the expression of long-term potentiation in hippocampal neurons. <i>Learning and Memory</i> , 2006 , 13, 114-8	2.8	32
17	Galectin-3 promotes A β oligomerization and A β toxicity in a mouse model of Alzheimer's disease. <i>Cell Death and Differentiation</i> , 2020 , 27, 192-209	12.7	31
16	CREB SUMOylation by the E3 ligase PIAS1 enhances spatial memory. <i>Journal of Neuroscience</i> , 2014 , 34, 9574-89	6.6	30
15	Epigenetic regulation of HDAC1 SUMOylation as an endogenous neuroprotection against A β toxicity in a mouse model of Alzheimer's disease. <i>Cell Death and Differentiation</i> , 2017 , 24, 597-614	12.7	27
14	STAT1 negatively regulates spatial memory formation and mediates the memory-improving effect of A β . <i>Neuropsychopharmacology</i> , 2014 , 39, 746-58	8.7	27
13	JNK1 inhibits GluR1 expression and GluR1-mediated calcium influx through phosphorylation and stabilization of Hes-1. <i>Journal of Neuroscience</i> , 2012 , 32, 1826-46	6.6	25
12	Serum- and glucocorticoid-inducible kinase (SGK) is a target of the MAPK/ERK signaling pathway that mediates memory formation in rats. <i>European Journal of Neuroscience</i> , 2006 , 23, 1311-20	3.5	25
11	Serum- and glucocorticoid-inducible kinase1 enhances contextual fear memory formation through down-regulation of the expression of Hes5. <i>Journal of Neurochemistry</i> , 2007 , 100, 1531-42	6	24
10	Protein kinase CK2 impairs spatial memory formation through differential cross talk with PI-3 kinase signaling: activation of Akt and inactivation of SGK1. <i>Journal of Neuroscience</i> , 2007 , 27, 6243-8	6.6	21

9	Serum- and glucocorticoid-inducible kinase 1 enhances zif268 expression through the mediation of SRF and CREB1 associated with spatial memory formation. <i>Journal of Neurochemistry</i> , 2008 , 105, 820-32	6	19
8	Restoring Wnt6 signaling ameliorates behavioral deficits in MeCP2 T158A mouse model of Rett syndrome. <i>Scientific Reports</i> , 2020 , 10, 1074	4.9	14
7	Laminin-1 impairs spatial learning through inhibition of ERK/MAPK and SGK1 signaling. <i>Neuropsychopharmacology</i> , 2011 , 36, 2571-86	8.7	14
6	Hes-1 SUMOylation by protein inhibitor of activated STAT1 enhances the suppressing effect of Hes-1 on GADD45 expression to increase cell survival. <i>Journal of Biomedical Science</i> , 2014 , 21, 53	13.3	13
5	Circadian rhythm in the Ca(2+)-inhibitable adenylyl activity of the rat striatum. <i>FEBS Letters</i> , 1996 , 385, 205-8	3.8	9
4	Smad4 SUMOylation is essential for memory formation through upregulation of the skeletal myopathy gene TPM2. <i>BMC Biology</i> , 2017 , 15, 112	7.3	8
3	Protein inhibitor of activated STAT1 Ser phosphorylation-mediated Elk-1 SUMOylation promotes neuronal survival in APP/PS1 mice. <i>British Journal of Pharmacology</i> , 2019 , 176, 1793-1810	8.6	7
2	Melatonin Induction of APP Intracellular Domain 50 SUMOylation Alleviates AD through Enhanced Transcriptional Activation and A β Degradation. <i>Molecular Therapy</i> , 2021 , 29, 376-395	11.7	5
1	O2-02-03: HDAC1 Sumoylation Protects Against Amyloid-Beta Toxicity in a Mouse Model of Alzheimer's Disease 2016 , 12, P224-P224		