

Yong Kim

List of Publications by Year in descending order

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48
papers

3,611
citations

136885

32
h-index

254106

43
g-index

49
all docs

49
docs citations

49
times ranked

4654
citing authors

#	ARTICLE	IF	CITATIONS
1	Cocaine-induced dendritic spine formation in D1 and D2 dopamine receptor-containing medium spiny neurons in nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3399-3404.	3.3	312
2	Phosphorylation of WAVE1 regulates actin polymerization and dendritic spine morphology. <i>Nature</i> , 2006, 442, 814-817.	13.7	289
3	Î² Kinase Regulates Social Defeat Stress-Induced Synaptic and Behavioral Plasticity. <i>Journal of Neuroscience</i> , 2011, 31, 314-321.	1.7	243
4	The innate immunity protein IFITM3 modulates Î³-secretase in Alzheimer's disease. <i>Nature</i> , 2020, 586, 735-740.	13.7	219
5	Involvement of DARPP-32 phosphorylation in the stimulant action of caffeine. <i>Nature</i> , 2002, 418, 774-778.	13.7	174
6	Regulation of synaptojanin 1 by cyclin-dependent kinase 5 at synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 546-551.	3.3	172
7	p11 and its role in depression and therapeutic responses to antidepressants. <i>Nature Reviews Neuroscience</i> , 2013, 14, 673-680.	4.9	144
8	Cardiac Phospholipase D2 Localizes to Sarcolemmal Membranes and Is Inhibited by Î±-Actinin in an ADP-ribosylation Factor-reversible Manner. <i>Journal of Biological Chemistry</i> , 2000, 275, 21295-21301.	1.6	112
9	Dual Requirement for Rho and Protein Kinase C in Direct Activation of Phospholipase D1 Through G Protein-coupled Receptor Signaling. <i>Molecular Biology of the Cell</i> , 2000, 11, 4359-4368.	0.9	108
10	Methylphenidate-induced dendritic spine formation and FosB expression in nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2915-2920.	3.3	107
11	miR-17-92 Cluster Regulates Adult Hippocampal Neurogenesis, Anxiety, and Depression. <i>Cell Reports</i> , 2016, 16, 1653-1663.	2.9	102
12	Activation of phospholipase D1 by direct interaction with ADP-ribosylation factor 1 and RalA. <i>FEBS Letters</i> , 1998, 430, 231-235.	1.3	100
13	Actin Directly Interacts with Phospholipase D, Inhibiting Its Activity. <i>Journal of Biological Chemistry</i> , 2001, 276, 28252-28260.	1.6	100
14	WAVE1 controls neuronal activity-induced mitochondrial distribution in dendritic spines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3112-3116.	3.3	99
15	SMARCA3, a Chromatin-Remodeling Factor, Is Required for p11-Dependent Antidepressant Action. <i>Cell</i> , 2013, 152, 831-843.	13.5	92
16	Phosphorylation and Activation of Phospholipase D1 by Protein Kinase C in Vivo: Determination of Multiple Phosphorylation Sites. <i>Biochemistry</i> , 1999, 38, 10344-10351.	1.2	85
17	Selective activation of phospholipase D2 by unsaturated fatty acid. <i>FEBS Letters</i> , 1999, 454, 42-46.	1.3	83
18	Increased activity of cyclin-dependent kinase 5 leads to attenuation of cocaine-mediated dopamine signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1737-1742.	3.3	81

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19	Phospholipase D1 Is Phosphorylated and Activated by Protein Kinase C in Caveolin-enriched Microdomains within the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2000, 275, 13621-13627.	1.6	76
20	Phospholipase D1 in Caveolae: Regulation by Protein Kinase C α and Caveolin-1. <i>Biochemistry</i> , 1999, 38, 3763-3769.	1.2	62
21	Phorbol myristate acetate-dependent association of protein kinase C α with phospholipase D1 in intact cells. <i>Lipids and Lipid Metabolism</i> , 1997, 1347, 199-204.	2.6	60
22	Localization of Phospholipase D1 to Caveolin-enriched Membrane via Palmitoylation: Implications for Epidermal Growth Factor Signaling. <i>Molecular Biology of the Cell</i> , 2002, 13, 3976-3988.	0.9	55
23	Phosphorylation-dependent Regulation of Phospholipase D2 by Protein Kinase C β in Rat Pheochromocytoma PC12 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 8290-8297.	1.6	50
24	Striatal dysregulation of Cdk5 alters locomotor responses to cocaine, motor learning, and dendritic morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18561-18566.	3.3	49
25	Phosphorylation of spinophilin by ERK and cyclin-dependent PK 5 (Cdk5). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3489-3494.	3.3	48
26	Phospholipase D2 Activity Suppresses Hydrogen Peroxide-Induced Apoptosis in PC12 Cells. <i>Journal of Neurochemistry</i> , 2002, 75, 1053-1059.	2.1	47
27	Obligatory roles of dopamine D1 receptors in the dentate gyrus in antidepressant actions of a selective serotonin reuptake inhibitor, fluoxetine. <i>Molecular Psychiatry</i> , 2020, 25, 1229-1244.	4.1	46
28	Trp-Lys-Tyr-Met-Val-d-Met is a chemoattractant for human phagocytic cells. <i>Journal of Leukocyte Biology</i> , 1999, 66, 915-922.	1.5	41
29	Independent Functioning of Cytosolic Phospholipase A2 and Phospholipase D1 in Trp-Lys-Tyr-Met-Val-D-Met-Induced Superoxide Generation in Human Monocytes. <i>Journal of Immunology</i> , 2000, 164, 4089-4096.	0.4	41
30	Ahnak scaffolds p11/Anxa2 complex and L-type voltage-gated calcium channel and modulates depressive behavior. <i>Molecular Psychiatry</i> , 2020, 25, 1035-1049.	4.1	41
31	β 2-Syntrophin Is a Cdk5 Substrate That Restrains the Motility of Insulin Secretory Granules. <i>PLoS ONE</i> , 2010, 5, e12929.	1.1	40
32	Phospholipase D1 is located and activated by protein kinase C α in the plasma membrane in 3Y1 fibroblast cell. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1436, 319-330.	1.2	39
33	A neurocomputational method for fully automated 3D dendritic spine detection and segmentation of medium-sized spiny neurons. <i>NeuroImage</i> , 2010, 50, 1472-1484.	2.1	38
34	Left brain cortical activity modulates stress effects on social behavior. <i>Scientific Reports</i> , 2015, 5, 13342.	1.6	37
35	Cyclin-Dependent Kinase 5 Activator p25 Is Generated During Memory Formation and Is Reduced at an Early Stage in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2011, 70, 159-168.	0.7	34
36	APP intracellular domain "WAVE1 pathway reduces amyloid- β production. <i>Nature Medicine</i> , 2015, 21, 1054-1059.	15.2	31

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37	WAVE1 in neurons expressing the D1 dopamine receptor regulates cellular and behavioral actions of cocaine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1395-1400.	3.3	25
38	Signaling pathways controlling the phosphorylation state of WAVE1, a regulator of actin polymerization. <i>Journal of Neurochemistry</i> , 2010, 114, 182-190.	2.1	22
39	Protein Kinase C-Dependent Dephosphorylation of Tyrosine Hydroxylase Requires the B56 \hat{r} Heterotrimeric Form of Protein Phosphatase 2A. <i>PLoS ONE</i> , 2011, 6, e26292.	1.1	21
40	Inhibition of Phospholipase D by a Protein Factor from Bovine Brain Cytosol. <i>Journal of Biological Chemistry</i> , 1996, 271, 25213-25219.	1.6	20
41	Bradykinin activates phospholipase D2 via protein kinase C \hat{r} in PC12 cells. <i>Neuroscience Letters</i> , 2000, 294, 130-132.	1.0	20
42	Hydrogen peroxide-induced phospholipase D2 activation in lymphocytic leukemic L1210 cells. <i>Journal of Leukocyte Biology</i> , 2000, 67, 630-636.	1.5	16
43	A G-protein-coupled 130 kDa phospholipase C isozyme, PLC- \hat{r} 24, from the particulate fraction of bovine cerebellum. <i>FEBS Letters</i> , 1993, 331, 38-42.	1.3	11
44	Online three-dimensional dendritic spines morphological classification based on semi-supervised learning. , 2009, , 1019-1022.		5
45	Three-dimensional dendritic spine detection based on minimal cross-sectional curvature. , 2012, , .		5
46	A novel surface-based geometric approach for 3D dendritic spine detection from multi-photon excitation microscopy images. , 2009, 10814263, 1255-1258.		3
47	Multi scale and slice-based approach for automatic spine detection. , 2010, 2010, 4765-8.		3
48	Molecular and Cellular Adaptations in Hippocampal Parvalbumin Neurons Mediate Behavioral Responses to Chronic Social Stress. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	3