

Kyong-Tai Kim

List of Publications by Year in descending order

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231
papers

7,626
citations

47006

47
h-index

91884

69
g-index

235
all docs

235
docs citations

235
times ranked

10041
citing authors

#	ARTICLE	IF	CITATIONS
1	Mouse period 2 mRNA circadian oscillation is modulated by PTB-mediated rhythmic mRNA degradation. <i>Nucleic Acids Research</i> , 2009, 37, 26-37.	14.5	213
2	G protein-coupled receptor signalling and cross-talk. <i>Cellular Signalling</i> , 2002, 14, 397-405.	3.6	178
3	DNA damage and mitochondria dysfunction in cell apoptosis induced by nonthermal air plasma. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	165
4	Heterogeneous Nuclear Ribonucleoprotein C Modulates Translation of c-myc mRNA in a Cell Cycle Phase-Dependent Manner. <i>Molecular and Cellular Biology</i> , 2003, 23, 708-720.	2.3	156
5	Extracellular vesicle-derived protein from <i>Bifidobacterium longum</i> alleviates food allergy through mast cell suppression. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 507-516.e8.	2.9	132
6	Mitotic Histone H3 Phosphorylation by Vaccinia-Related Kinase 1 in Mammalian Cells. <i>Molecular and Cellular Biology</i> , 2007, 27, 8533-8546.	2.3	127
7	Cellular responses to Ca ²⁺ from extracellular and intracellular sources are different as shown by simultaneous measurements of cytosolic Ca ²⁺ and secretion from bovine chromaffin cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 9881-9885.	7.1	123
8	Phospholipase C- β 1 Is Activated by Capacitative Calcium Entry That Follows Phospholipase C- β 2 Activation upon Bradykinin Stimulation. <i>Journal of Biological Chemistry</i> , 1999, 274, 26127-26134.	3.4	115
9	P2X7 Nucleotide Receptor Mediation of Membrane Pore Formation and Superoxide Generation in Human Promyelocytes and Neutrophils. <i>Journal of Immunology</i> , 2001, 166, 6754-6763.	0.8	114
10	Protein kinase C δ -mediated proteasomal degradation of MAP kinase phosphatase-1 contributes to glutamate-induced neuronal cell death. <i>Journal of Cell Science</i> , 2006, 119, 1329-1340.	2.0	109
11	<i>Lactobacillus plantarum</i> HAC01 regulates gut microbiota and adipose tissue accumulation in a diet-induced obesity murine model. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1605-1614.	3.6	105
12	Stabilization and activation of p53 induced by Cdk5 contributes to neuronal cell death. <i>Journal of Cell Science</i> , 2007, 120, 2259-2271.	2.0	104
13	Neuron-specific expression of the human dopamine beta-hydroxylase gene requires both the cAMP-response element and a silencer region. <i>Journal of Biological Chemistry</i> , 1993, 268, 17987-94.	3.4	102
14	Regulation of Macrophage Migration Inhibitory Factor and Thiol-specific Antioxidant Protein PAG by Direct Interaction. <i>Journal of Biological Chemistry</i> , 2001, 276, 15504-15510.	3.4	90
15	Inhibition of acetylcholine-mediated effects by borneol. <i>Biochemical Pharmacology</i> , 2003, 65, 83-90.	4.4	89
16	VRK1 phosphorylates CREB and mediates CCND1 expression. <i>Journal of Cell Science</i> , 2008, 121, 3035-3041.	2.0	88
17	Periostin-binding DNA Aptamer Inhibits Breast Cancer Growth and Metastasis. <i>Molecular Therapy</i> , 2013, 21, 1004-1013.	8.2	88
18	Negative regulation of ERK activity by VRK3-mediated activation of VHR phosphatase. <i>Nature Cell Biology</i> , 2006, 8, 863-869.	10.3	85

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19	Rhythmic control of AANAT translation by hnRNP Q in circadian melatonin production. <i>Genes and Development</i> , 2007, 21, 797-810.	5.9	85
20	Extracellular ATP Mediates Necrotic Cell Swelling in SN4741 Dopaminergic Neurons through P2X7 Receptors. <i>Journal of Biological Chemistry</i> , 2007, 282, 37350-37358.	3.4	81
21	Induction of cyclin-dependent kinase 5 and its activator p35 through the extracellular-signal-regulated kinase and protein kinase A pathways during retinoic-acid mediated neuronal differentiation in human neuroblastoma SK-N-BE(2)C cells. <i>Journal of Neurochemistry</i> , 2004, 91, 634-647.	3.9	80
22	Guanidine-Containing Molecular Transporters: Sorbitol-Based Transporters Show High Intracellular Selectivity toward Mitochondria. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5880-5884.	13.8	80
23	Structure-Based Varieties of Polymeric Nanocarriers and Influences of Their Physicochemical Properties on Drug Delivery Profiles. <i>Advanced Science</i> , 2022, 9, e2105373.	11.2	80
24	A peptide with unique receptor specificity: stimulation of phosphoinositide hydrolysis and induction of superoxide generation in human neutrophils. <i>Journal of Immunology</i> , 1997, 158, 1895-901.	0.8	70
25	Curcuma longa Extract Protects against Gastric Ulcers by Blocking H2 Histamine Receptors. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 2220-2224.	1.4	69
26	Rhythmic Serotonin N -Acetyltransferase mRNA Degradation Is Essential for the Maintenance of Its Circadian Oscillation. <i>Molecular and Cellular Biology</i> , 2005, 25, 3232-3246.	2.3	69
27	Parallel Up-Regulation of Catecholamine Biosynthetic Enzymes by Dexamethasone in PC12 Cells. <i>Journal of Neurochemistry</i> , 1993, 60, 946-951.	3.9	66
28	An activator of the cAMP/PKA/CREB pathway promotes osteogenesis from human mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 617-626.	4.1	66
29	Sensitization of Epidermal Growth Factor-induced Signaling by Bradykinin Is Mediated by c-Src. <i>Journal of Biological Chemistry</i> , 2004, 279, 5852-5860.	3.4	65
30	Regulation of p53 by Activated Protein Kinase C- δ during Nitric Oxide-induced Dopaminergic Cell Death. <i>Journal of Biological Chemistry</i> , 2006, 281, 2215-2224.	3.4	65
31	Rhythmic Interaction between <i>Period1</i> mRNA and hnRNP Q Leads to Circadian Time-Dependent Translation. <i>Molecular and Cellular Biology</i> , 2012, 32, 717-728.	2.3	62
32	A two-photon fluorescent probe for lysosomal zinc ions. <i>Chemical Communications</i> , 2016, 52, 124-127.	4.1	62
33	Kinetin riboside preferentially induces apoptosis by modulating Bcl-2 family proteins and caspase-3 in cancer cells. <i>Cancer Letters</i> , 2008, 261, 37-45.	7.2	61
34	Regulation of Transforming Growth Factor- β Signaling and PDK1 Kinase Activity by Physical Interaction between PDK1 and Serine-Threonine Kinase Receptor-associated Protein. <i>Journal of Biological Chemistry</i> , 2005, 280, 42897-42908.	3.4	58
35	A Reaction-Based Sensing Scheme for Gold Species: Introduction of a (2-Ethynyl)benzoate Reactive Moiety. <i>Organic Letters</i> , 2012, 14, 5062-5065.	4.6	58
36	Comparative secretome analysis of human bone marrow-derived mesenchymal stem cells during osteogenesis. <i>Journal of Cellular Physiology</i> , 2013, 228, 216-224.	4.1	57

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37	Nongenomic Inhibition of Catecholamine Secretion by 17 β -Estradiol in PC12 Cells. <i>Journal of Neurochemistry</i> , 2002, 74, 2490-2496.	3.9	56
38	Noncompetitive inhibition by camphor of nicotinic acetylcholine receptors. <i>Biochemical Pharmacology</i> , 2001, 61, 787-793.	4.4	53
39	Circadian Amplitude of Cryptochrome 1 Is Modulated by mRNA Stability Regulation via Cytoplasmic hnRNP D Oscillation. <i>Molecular and Cellular Biology</i> , 2010, 30, 197-205.	2.3	53
40	Effects of Polychlorinated Biphenyl 19 (2,2 ϵ ,6-Trichlorobiphenyl) on Contraction, Ca ²⁺ Transient, and Ca ²⁺ Current of Cardiac Myocytes. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 38, 11-20.	1.9	52
41	BNIP3 is degraded by ULK1-dependent autophagy via MTORC1 and AMPK. <i>Autophagy</i> , 2013, 9, 345-360.	9.1	52
42	Pharmacological characterization of adenosine receptors in PGT-1 ² mouse pineal gland tumour cells. <i>British Journal of Pharmacology</i> , 2001, 134, 132-142.	5.4	51
43	Blockade of HERG human K ⁺ channels and I _{Kr} of guinea-pig cardiomyocytes by the antipsychotic drug clozapine. <i>British Journal of Pharmacology</i> , 2006, 148, 499-509.	5.4	51
44	hnRNP Q and PTB modulate the circadian oscillation of mouse Rev-erb 1 \pm via IRES-mediated translation. <i>Nucleic Acids Research</i> , 2010, 38, 7068-7078.	14.5	51
45	Signalling pathway leading to an activation of mitogen-activated protein kinase by stimulating M3 muscarinic receptor. <i>Biochemical Journal</i> , 1999, 337, 275-280.	3.7	48
46	The Direct Interaction of Phospholipase C-1 ³¹ with Phospholipase D2 Is Important for Epidermal Growth Factor Signaling. <i>Journal of Biological Chemistry</i> , 2003, 278, 18184-18190.	3.4	48
47	Myricetin improves endurance capacity and mitochondrial density by activating SIRT1 and PGC-1 \pm . <i>Scientific Reports</i> , 2017, 7, 6237.	3.3	48
48	Adenosine Receptors Activate Adenylate Cyclase and Enhance Secretion from Bovine Adrenal Chromaffin Cells in the Presence of Forskolin. <i>Journal of Neurochemistry</i> , 1988, 50, 1484-1493.	3.9	47
49	Differential inhibition of catecholamine secretion by amitriptyline through blockage of nicotinic receptors, sodium channels, and calcium channels in bovine adrenal chromaffin cells. , 1998, 29, 248-256.		47
50	Ground-State Elevation Approach To Suppress Side Reactions in Gold-Sensing Systems Based on Alkyne Activation. <i>Organic Letters</i> , 2014, 16, 1374-1377.	4.6	47
51	Phosphorylation of a novel zinc-finger-like protein, ZPR9, by murine protein serine/threonine kinase 38 (MPK38). <i>Biochemical Journal</i> , 2002, 361, 597-604.	3.7	46
52	Mind bomb 1 in the lymphopoietic niches is essential for T and marginal zone B cell development. <i>Journal of Experimental Medicine</i> , 2008, 205, 2525-2536.	8.5	46
53	Dual Roles of P2 Purinergic Receptors in Insulin-stimulated Leptin Production and Lipolysis in Differentiated Rat White Adipocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 28556-28563.	3.4	45
54	BiP Internal Ribosomal Entry Site Activity Is Controlled by Heat-Induced Interaction of NSAP1. <i>Molecular and Cellular Biology</i> , 2007, 27, 368-383.	2.3	45

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55	Involvement of Protein Kinase C- α in Activity-Dependent Potentiation of Large Dense-Core Vesicle Exocytosis in Chromaffin Cells. <i>Journal of Neuroscience</i> , 2006, 26, 8999-9005.	3.6	43
56	Regulation of cyclin-dependent kinase 5 and p53 by ERK1/2 pathway in the DNA damage-induced neuronal death. <i>Journal of Cellular Physiology</i> , 2007, 210, 784-797.	4.1	43
57	SIRT6 Depletion Suppresses Tumor Growth by Promoting Cellular Senescence Induced by DNA Damage in HCC. <i>PLoS ONE</i> , 2016, 11, e0165835.	2.5	43
58	Induction of Cytosolic Ca ²⁺ Elevation Mediated by Mas-7 Occurs through Membrane Pore Formation. <i>Journal of Biological Chemistry</i> , 1996, 271, 32753-32759.	3.4	42
59	Macro Histone H2A1.2 (MacroH2A1) Protein Suppresses Mitotic Kinase VRK1 during Interphase. <i>Journal of Biological Chemistry</i> , 2012, 287, 5278-5289.	3.4	42
60	Protein kinase C regulates the activity and stability of serotonin N-acetyltransferase. <i>Journal of Neurochemistry</i> , 2004, 90, 442-454.	3.9	41
61	Sphingosine-1-Phosphate Modulates Both Lipolysis and Leptin Production in Differentiated Rat White Adipocytes. <i>Endocrinology</i> , 2006, 147, 5835-5844.	2.8	41
62	Cooperative Roles of c-Abl and Cdk5 in Regulation of p53 in Response to Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2008, 283, 19826-19835.	3.4	40
63	Short-term plasticity of small synaptic vesicle (SSV) and large dense-core vesicle (LDCV) exocytosis. <i>Cellular Signalling</i> , 2009, 21, 1465-1470.	3.6	40
64	NMR Solution Structure of Human Vaccinia-related Kinase 1 (VRK1) Reveals the C-terminal Tail Essential for Its Structural Stability and Autocatalytic Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 22131-22138.	3.4	40
65	Enhancement of B-MYB Transcriptional Activity by ZPR9, a Novel Zinc Finger Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 9655-9662.	3.4	39
66	Design, Synthesis, and Membrane-Translocation Studies of Inositol-Based Transporters. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2907-2912.	13.8	38
67	3-Phosphoinositide-dependent PDK1 Negatively Regulates Transforming Growth Factor- β -induced Signaling in a Kinase-dependent Manner through Physical Interaction with Smad Proteins. <i>Journal of Biological Chemistry</i> , 2007, 282, 12272-12289.	3.4	38
68	HnRNP A1 phosphorylated by VRK1 stimulates telomerase and its binding to telomeric DNA sequence. <i>Nucleic Acids Research</i> , 2012, 40, 8499-8518.	14.5	38
69	Therapeutic Approaches for Inhibition of Protein Aggregation in Huntington's Disease. <i>Experimental Neurobiology</i> , 2014, 23, 36-44.	1.6	38
70	Highly efficient protein expression and purification using bacterial hemoglobin fusion vector. <i>Plasmid</i> , 2005, 53, 274-282.	1.4	37
71	Inhibitory effects of bulbocapnine on dopamine biosynthesis in PC12 cells. <i>Neuroscience Letters</i> , 1998, 244, 161-164.	2.1	36
72	AUF1 contributes to Cryptochrome1 mRNA degradation and rhythmic translation. <i>Nucleic Acids Research</i> , 2014, 42, 3590-3606.	14.5	36

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73	An FITCâ€BODIPY FRET Couple: Application to Selective, Ratiometric Detection and Bioimaging of Cysteine. Chemistry - an Asian Journal, 2015, 10, 894-902.	3.3	36
74	Apoptotic Phosphorylation of Histone H3 on Ser-10 by Protein Kinase CÎ. PLoS ONE, 2012, 7, e44307.	2.5	36
75	Loading of Oxidizable Transmitters into Secretory Vesicles Permits Carbon-Fiber Amperometry. Journal of Neuroscience, 2000, 20, RC101-RC101.	3.6	34
76	Essential Role of 3â€2-Untranslated Region-mediated mRNA Decay in Circadian Oscillations of Mouse Period3 mRNA. Journal of Biological Chemistry, 2006, 281, 19100-19106.	3.4	34
77	MicroRNA-185 oscillation controls circadian amplitude of mouse Cryptochrome 1 via translational regulation. Molecular Biology of the Cell, 2013, 24, 2248-2255.	2.1	34
78	Phosphorylation of a novel zinc-finger-like protein, ZPR9, by murine protein serine/threonine kinase 38 (MPK38). Biochemical Journal, 2002, 361, 597.	3.7	33
79	Signal Flows from Two Phospholipase Câ€Linked Receptors Are Independent in PC12 Cells. Journal of Neurochemistry, 1995, 64, 1071-1079.	3.9	33
80	Luteolin Suppresses Cancer Cell Proliferation by Targeting Vaccinia-Related Kinase 1. PLoS ONE, 2014, 9, e109655.	2.5	33
81	Ursolic acid exerts anti-cancer activity by suppressing vaccinia-related kinase 1-mediated damage repair in lung cancer cells. Scientific Reports, 2015, 5, 14570.	3.3	33
82	Rapid and simple measurement of serotonin N-acetyltransferase activity by liquid biphasic diffusion assay. Neurochemistry International, 1999, 35, 447-451.	3.8	32
83	Heterocyclic compounds from Chrysanthemum coronarium L. and their inhibitory activity on hACAT-1, hACAT-2, and LDL-oxidation. Archives of Pharmacal Research, 2008, 31, 573-578.	6.3	32
84	Rhythmic control of mRNA stability modulates circadian amplitude of mouse Period3 mRNA. Journal of Neurochemistry, 2015, 132, 642-656.	3.9	32
85	Feedback Regulation of ATP-induced Ca ²⁺ Signaling in HL-60 Cells Is Mediated by Protein Kinase A- and C-mediated Changes in Capacitative Ca ²⁺ Entry. Journal of Biological Chemistry, 1997, 272, 21831-21838.	3.4	31
86	Activation of cyclin-dependent kinase 5 is involved in axonal regeneration. Molecular and Cellular Neurosciences, 2004, 25, 422-432.	2.2	31
87	Isoliquiritigenin Selectively Inhibits H2 Histamine Receptor Signaling. Molecular Pharmacology, 2006, 70, 493-500.	2.3	31
88	Vaccinia-Related Kinase 2 Controls the Stability of the Eukaryotic Chaperonin TRiC/CCT by Inhibiting the Deubiquitinating Enzyme USP25. Molecular and Cellular Biology, 2015, 35, 1754-1762.	2.3	31
89	Betulinic acid inhibits high-fat diet-induced obesity and improves energy balance by activating AMPK. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 409-420.	2.6	31
90	hnRNP Q mediates a phase-dependent translation-coupled mRNA decay of mouse Period3. Nucleic Acids Research, 2011, 39, 8901-8914.	14.5	30

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91	Inhibition of Voltage-sensitive Calcium Channels by the A _{2A} Adenosine Receptor in PC12 cells. <i>Journal of Neurochemistry</i> , 1998, 71, 1251-1260.	3.9	29
92	Defective folliculogenesis in female mice lacking Vaccinia-related kinase 1. <i>Scientific Reports</i> , 2012, 2, 468.	3.3	29
93	Extracellular ATP-stimulated increase of cytosolic cAMP in HL-60 cells. <i>Biochemical Pharmacology</i> , 1997, 53, 429-432.	4.4	28
94	Inhibition of nicotinic acetylcholine receptors and calcium channels by clozapine in bovine adrenal chromaffin cells Abbreviations: CPZ, chlorpromazine; nAChR, nicotinic acetylcholine receptor; VSCC, voltage-sensitive calcium channel; DMPP, 1,1-dimethyl-4-phenylpiperazinium iodide; SBF1, sodium-binding benzofuran isophthalate; [3H]NE, [3H]norepinephrine; DMEM/F-12, Dulbecco's modified Eagle's medium/F-12; [Ca ²⁺] _i , cytosolic free Ca ²⁺ concentration; [Na ⁺] _i , cytosolic free Na ⁺ concentration; and EPS, extrapy. <i>Biochemical Pharmacology</i> , 2001, 61, 1011-1019.	4.4	28
95	Altered branching patterns of Purkinje cells in mouse model for cortical development disorder. <i>Scientific Reports</i> , 2011, 1, 122.	3.3	28
96	Deficiency of Capicua disrupts bile acid homeostasis. <i>Scientific Reports</i> , 2015, 5, 8272.	3.3	28
97	Presumed pseudokinase VRK3 functions as a BAF kinase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1738-1748.	4.1	28
98	Mitogen-activated protein kinase phosphatase 2 regulates histone H3 phosphorylation via interaction with vaccinia-related kinase 1. <i>Molecular Biology of the Cell</i> , 2013, 24, 373-384.	2.1	27
99	Melatonin inhibits voltage-sensitive Ca ²⁺ channel-mediated neurotransmitter release. <i>Brain Research</i> , 2014, 1557, 34-42.	2.2	27
100	Chlorpromazine inhibits store-operated calcium entry and subsequent noradrenaline secretion in PC12 cells. <i>British Journal of Pharmacology</i> , 2001, 132, 411-418.	5.4	26
101	Effect of rottlerin, a PKC- ζ inhibitor, on TLR-4-dependent activation of murine microglia. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 110-115.	2.1	26
102	VRK3-mediated inactivation of ERK signaling in adult and embryonic rodent tissues. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 49-58.	4.1	26
103	Protease-activated Receptor-2 Increases Exocytosis via Multiple Signal Transduction Pathways in Pancreatic Duct Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 18711-18720.	3.4	26
104	Melanocortins induce interleukin 6 gene expression and secretion through melanocortin receptors 2 and 5 in 3T3-L1 adipocytes. <i>Journal of Molecular Endocrinology</i> , 2010, 44, 225-236.	2.5	26
105	Mind bomb-1 is an essential modulator of long-term memory and synaptic plasticity via the Notch signaling pathway. <i>Molecular Brain</i> , 2012, 5, 40.	2.6	26
106	Effects of second messenger system activation on functional expression of tyrosine hydroxylase fusion gene constructs in neuronal and nonneuronal cells. <i>Journal of Molecular Neuroscience</i> , 1991, 3, 65-74.	2.3	25
107	Potential of PGE ₂ -mediated cAMP production during neuronal differentiation of human neuroblastoma SK-N-BE(2)C cells. <i>Journal of Neurochemistry</i> , 2008, 79, 303-310.	3.9	25
108	Novel Guanidine-containing Molecular Transporters Based on Lactose Scaffolds: Lipophilicity Effect on the Intracellular Organellar Selectivity. <i>Chemistry - A European Journal</i> , 2008, 14, 9161-9168.	3.3	25

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109	Obtusilactone B from <i>Machilus Thunbergii</i> Targets Barrier-to-Autointegration Factor to Treat Cancer. <i>Molecular Pharmacology</i> , 2013, 83, 367-376.	2.3	25
110	Vaccinia-related kinase 1 promotes hepatocellular carcinoma by controlling the levels of cell cycle regulators associated with G1/S transition. <i>Oncotarget</i> , 2015, 6, 30130-30148.	1.8	25
111	Coupling of L-type voltage-sensitive calcium channels to P2X ₂ purinoceptors in PC-12 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1121-C1129.	4.6	24
112	Two-photon probes based on arylsulfonyl azides: Fluorescence detection and imaging of biothiols. <i>Dyes and Pigments</i> , 2013, 99, 308-315.	3.7	24
113	Brazilin Isolated from <i>Caesalpinia sappan</i> Suppresses Nuclear Envelope Reassembly by Inhibiting Barrier-to-Autointegration Factor Phosphorylation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 352, 175-184.	2.5	24
114	eIF4E-mediated translation of cofilin regulates axonal growth cone extension and turning. <i>EMBO Journal</i> , 2018, 37, .	7.8	24
115	Opposing effects of protein kinase A and C on capacitative calcium entry into HL-60 promyelocytes. <i>Biochemical Pharmacology</i> , 1998, 56, 561-567.	4.4	23
116	Characterization of high affinity neurotensin receptor NTR1 in HL-60 cells and its down regulation during granulocytic differentiation. <i>British Journal of Pharmacology</i> , 1999, 126, 1050-1056.	5.4	23
117	A2A Adenosine Receptors Inhibit ATP-Induced Ca ²⁺ Influx in PC12 Cells by Involving Protein Kinase A. <i>Journal of Neurochemistry</i> , 2002, 68, 2177-2185.	3.9	23
118	Vaccinia-Related Kinase 2 Mediates Accumulation of Polyglutamine Aggregates via Negative Regulation of the Chaperonin TRiC. <i>Molecular and Cellular Biology</i> , 2014, 34, 643-652.	2.3	23
119	Autism-like behavior caused by deletion of vaccinia-related kinase 3 is improved by TrkB stimulation. <i>Journal of Experimental Medicine</i> , 2017, 214, 2947-2966.	8.5	23
120	VRK-1 extends life span by activation of AMPK via phosphorylation. <i>Science Advances</i> , 2020, 6, .	10.3	23
121	Vaccinia-Related Kinase 1 Is Required for the Maintenance of Undifferentiated Spermatogonia in Mouse Male Germ Cells. <i>PLoS ONE</i> , 2010, 5, e15254.	2.5	23
122	Phytoestrogen Cimicifugoside-Mediated Inhibition of Catecholamine Secretion by Blocking Nicotinic Acetylcholine Receptor in Bovine Adrenal Chromaffin Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 309, 641-649.	2.5	22
123	Nonthermal-plasma-mediated animal cell death. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 013001.	2.8	22
124	Modulation of exosome-mediated mRNA turnover by interaction of GTP-binding protein 1 (GTPBP1) with its target mRNAs. <i>FASEB Journal</i> , 2011, 25, 2757-2769.	0.5	22
125	VRK3-mediated nuclear localization of HSP70 prevents glutamate excitotoxicity-induced apoptosis and Ca ²⁺ accumulation via enhancement of ERK phosphatase VHR activity. <i>Scientific Reports</i> , 2016, 6, 38452.	3.3	22
126	Inhibition by ethaverine of catecholamine secretion through blocking L-type Ca ²⁺ channels in PC12 cells. <i>Biochemical Pharmacology</i> , 1994, 47, 1262-1266.	4.4	21

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127	Cyclic AMP-Independent Inhibition of Voltage-Sensitive Calcium Channels by Forskolin in PC12 Cells. <i>Journal of Neurochemistry</i> , 1996, 66, 83-88.	3.9	21
128	Heterogeneous nuclear ribonucleoprotein (hnRNP) L promotes DNA damage-induced cell apoptosis by enhancing the translation of p53. <i>Oncotarget</i> , 2017, 8, 51108-51122.	1.8	21
129	Chlorpromazine-induced inhibition of catecholamine secretion by a differential blockade of nicotinic receptors and L-type Ca ²⁺ channels in rat pheochromocytoma cells. <i>Biochemical Pharmacology</i> , 1999, 58, 1017-1024.	4.4	20
130	The Korean Mistletoe (<i>Viscum album coloratum</i>) Extract Has an Antiobesity Effect and Protects against Hepatic Steatosis in Mice with High-Fat Diet-Induced Obesity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	20
131	A guanidine-appended scyllo-inositol derivative AAD-66 enhances brain delivery and ameliorates Alzheimer's phenotypes. <i>Scientific Reports</i> , 2017, 7, 14125.	3.3	20
132	Capsaicin inhibits phospholipase C-mediated Ca ²⁺ increase by blocking thapsigargin-sensitive store-operated Ca ²⁺ entry in PC12 cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1999, 291, 107-114.	2.5	20
133	Capsaicin Inhibits Platelet-Activating Factor-Induced Cytosolic Ca ²⁺ Rise and Superoxide Production. <i>Journal of Immunology</i> , 2000, 165, 3992-3998.	0.8	19
134	Norepinephrine activates store-operated Ca ²⁺ entry coupled to large-conductance Ca ²⁺ -activated K ⁺ channels in rat pinealocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C1060-C1066.	4.6	19
135	The flavonoid myricetin reduces nocturnal melatonin levels in the blood through the inhibition of serotonin N-acetyltransferase. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 312-316.	2.1	19
136	Quantitative Probing of Cu ²⁺ Ions Naturally Present in Single Living Cells. <i>Advanced Materials</i> , 2016, 28, 4071-4076.	21.0	19
137	Selective inhibition of β 2-adrenergic receptor-mediated cAMP generation by activation of the P2Y2 receptor in mouse pineal gland tumor cells. <i>Journal of Neurochemistry</i> , 2001, 77, 1475-1485.	3.9	18
138	Junctional membrane inositol 1,4,5-trisphosphate receptor complex coordinates sensitization of the silent EGF-induced Ca ²⁺ signaling. <i>Journal of Cell Biology</i> , 2005, 169, 657-667.	5.2	18
139	Selective uptake of epidermal growth factor-conjugated gold nanoparticle (EGF-GNP) facilitates non-thermal plasma (NTP)-mediated cell death. <i>Scientific Reports</i> , 2017, 7, 10971.	3.3	18
140	Piperonylic acid stimulates keratinocyte growth and survival by activating epidermal growth factor receptor (EGFR). <i>Scientific Reports</i> , 2018, 8, 162.	3.3	18
141	Signalling pathway leading to an activation of mitogen-activated protein kinase by stimulating M3 muscarinic receptor. <i>Biochemical Journal</i> , 1999, 337 (Pt 2), 275-80.	3.7	18
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