Eui-Ju Choi

List of Publications by Year
in descending order

105	13,444	57758 44	29157 104
papers	citations	h-index	g-index

138	138	138	25153
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pre/post-natal exposure to microplastic as a potential risk factor for autism spectrum disorder. Environment International, 2022, 161, 107121.	10.0	38
2	Enhanced ASGR2 by microplastic exposure leads to resistance to therapy in gastric cancer. Theranostics, 2022, 12, 3217-3236.	10.0	13
3	MST1 mediates the N-methyl-d-aspartate-induced excitotoxicity in mouse cortical neurons. Cellular and Molecular Life Sciences, 2022, 79, 15.	5.4	1
4	TRAF6-mediated ubiquitination of MST1/STK4 attenuates the TLR4-NF-ÎºB signaling pathway in macrophages. Cellular and Molecular Life Sciences, 2021, 78, 2315-2328.	5.4	10
5	UXT chaperone prevents proteotoxicity by acting as an autophagy adaptor for p62-dependent aggrephagy. Nature Communications, 2021, 12, 1955.	12.8	9
6	<scp>CEP</scp>41â€mediated ciliary tubulin glutamylation drives angiogenesis through <scp>AURKA</scp>â€dependent deciliation. EMBO Reports, 2020, 21, e48290.	4.5	23
7	Mst1-Deficiency Induces Hyperactivation of Monocyte-Derived Dendritic Cells via Akt1/c-myc Pathway. Frontiers in Immunology, 2019, 10, 2142.	4.8	8
8	MST1 Negatively Regulates TNFÎ±-Induced NF-ÎºB Signaling through Modulating LUBAC Activity. Molecular Cell, 2019, 73, 1138-1149.e6.	9.7	39
9	PRMT1 negatively regulates activation-induced cell death in macrophages by arginine methylation of GAPDH. Experimental Cell Research, 2018, 368, 50-58.	2.6	10
10	Yin-and-yang bifurcation of opioidergic circuits for descending analgesia at the midbrain of the mouse. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11078-11083.	7.1	27
11	SMN1 functions as a novel inhibitor for TRAF6-mediated NF-ÎºB signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 760-770.	4.1	17
12	eIF4E phosphorylation by MST1 reduces translation of a subset of mRNAs, but increases lncRNA translation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 761-772.	1.9	27
13	CIB1 protects against MPTP-induced neurotoxicity through inhibiting ASK1. Scientific Reports, 2017, 7, 12178.	3.3	12
14	A novel conformation of the LC3-interacting region motif revealed by the structure of a complex between LC3B and RavZ. Biochemical and Biophysical Research Communications, 2017, 490, 1093-1099.	2.1	26
15	Amyotrophic lateral sclerosis-related mutant superoxide dismutase 1 aggregates inhibit 14-3-3-mediated cell survival by sequestration into the JUNQ compartment. Human Molecular Genetics, 2017, 26, 3615-3629.	2.9	18
16	The 1:2 complex between RavZ and LC3 reveals a mechanism for deconjugation of LC3 on the phagophore membrane. Autophagy, 2017, 13, 70-81.	9.1	37
17	Downregulation of SIRT1 signaling underlies hepatic autophagy impairment in glycogen storage disease type Ia. PLoS Genetics, 2017, 13, e1006819.	3.5	53
18	Ataxin-1 is involved in tumorigenesis of cervical cancer cells via the EGFR-RASâ€“MAPK signaling pathway. Oncotarget, 2017, 8, 94606-94618.	1.8	17

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19	BAT3 negatively regulates lipopolysaccharide-induced NF-Î²B signaling through TRAF6. Biochemical and Biophysical Research Communications, 2016, 478, 784-790.	2.1	7
20	S-nitrosylated GAPDH mediates neuronal apoptosis induced by amyotrophic lateral sclerosis-associated mutant SOD1G93A. Animal Cells and Systems, 2016, 20, 310-316.	2.2	3
21	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
22	TRAF2 functions as an activator switch in the reactive oxygen species-induced stimulation of MST1. Free Radical Biology and Medicine, 2016, 91, 105-113.	2.9	24
23	Intrathecal RGS4 Inhibitor, CCG50014, Reduces Nociceptive Responses and Enhances Opioid-Mediated Analgesic Effects in the Mouse Formalin Test. Anesthesia and Analgesia, 2015, 120, 671-677.	2.2	25
24	Compromised MAPK signaling in human diseases: an update. Archives of Toxicology, 2015, 89, 867-882.	4.2	782
25	RC3/neurogranin negatively regulates extracellular signal-regulated kinase pathway through its interaction with Ras. Molecular and Cellular Biochemistry, 2015, 402, 33-40.	3.1	2
26	Iron accumulation promotes TACE-mediated TNF-Î± secretion and neurodegeneration in a mouse model of ALS. Neurobiology of Disease, 2015, 80, 63-69.	4.4	32
27	Role of autophagy in the pathogenesis of amyotrophic lateral sclerosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2517-2524.	3.8	70
28	Insights into autophagosome maturation revealed by the structures of ATG5 with its interacting partners. Autophagy, 2015, 11, 75-87.	9.1	59
29	Rebound burst firing in the reticular thalamus is not essential for pharmacological absence seizures in mice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11828-11833.	7.1	48
30	The role of reciprocal activation of cAbl and Mst1 in the Oxidative death of cultured astrocytes. Glia, 2014, 62, 639-648.	4.9	38
31	CIIA negatively regulates neuronal cell death induced by oxygenâ€“glucose deprivation and reoxygenation. Molecular and Cellular Biochemistry, 2014, 397, 139-146.	3.1	3
32	CIIA negatively regulates the Ras/mitogen-activated protein kinase signaling pathway through inhibiting the Ras-specific GEF activity of SOS1. Journal of Cell Science, 2014, 127, 1640-6.	2.0	6
33	MST1 functions as a key modulator of neurodegeneration in a mouse model of ALS. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12066-12071.	7.1	84
34	SUMO1 modulates AÎ2 generation via BACE1 accumulation. Neurobiology of Aging, 2013, 34, 650-662.	3.1	48
35	Proteomic Approach Reveals FKBP4 and S100A9 as Potential Prediction Markers of Therapeutic Response to Neoadjuvant Chemotherapy in Patients with Breast Cancer. Journal of Proteome Research, 2012, 11, 1078-1088.	3.7	51
36	Thioredoxin-1 functions as a molecular switch regulating the oxidative stress-induced activation of MST1. Free Radical Biology and Medicine, 2012, 53, 2335-2343.	2.9	38

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37	Phosphorylation of Nicastrin by SGK1 Leads to Its Degradation through Lysosomal and Proteasomal Pathways. PLoS ONE, 2012, 7, e37111.	2.5	13
38	Daxx mediates activation-induced cell death in microglia by triggering MST1 signalling. EMBO Journal, 2011, 30, 2465-2476.	7.8	44
39	GSK-3Î²-induced ASK1 stabilization is crucial in LPS-induced endotoxin shock. Experimental Cell Research, 2011, 317, 1663-1668.	2.6	37
40	Stabilization of the survival motor neuron protein by ASK1. FEBS Letters, 2011, 585, 1287-1292.	2.8	15
41	Serum- and glucocorticoid-inducible kinase 1 (SGK1) controls Notch1 signaling by downregulation of protein stability through Fbw7 ubiquitin ligase. Journal of Cell Science, 2011, 124, 100-112.	2.0	58
42	CIIA functions as a molecular switch for the Rac1-specific GEF activity of SOS1. Journal of Cell Biology, 2011, 195, 377-386.	5.2	12
43	MST1 Limits the Kinase Activity of Aurora B to Promote Stable Kinetochore-Microtubule Attachment. Current Biology, 2010, 20, 416-422.	3.9	48
44	Knockdown of apoptosis signalâ€regulating kinase 1 modulates basal glycogen synthase kinaseâ€3Î² kinase activity and regulates cell migration. FEBS Letters, 2010, 584, 4097-4101.	2.8	8
45	CIIA Is a Novel Regulator of Detachment-Induced Cell Death. Cancer Research, 2010, 70, 6352-6358.	0.9	5
46	Dcp2 phosphorylation by Ste20 modulates stress granule assembly and mRNA decay in Saccharomyces cerevisiae. Journal of Cell Biology, 2010, 189, 813-827.	5.2	83
47	T-type channels control the opioidergic descending analgesia at the low threshold-spiking GABAergic neurons in the periaqueductal gray. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14857-14862.	7.1	62
48	Pathological roles of MAPK signaling pathways in human diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 396-405.	3.8	1,876
49	Irreversible Inactivation of Glutathione Peroxidase 1 and Reversible Inactivation of Peroxiredoxin II by H₂O₂in Red Blood Cells. Antioxidants and Redox Signaling, 2010, 12, 1235-1246.	5.4	117
50	CIB1 functions as a Ca2+-sensitive modulator of stress-induced signaling by targeting ASK1. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17389-17394.	7.1	65
51	A Truncated Form of p23 Down-regulates Telomerase Activity via Disruption of Hsp90 Function. Journal of Biological Chemistry, 2009, 284, 30871-30880.	3.4	24
52	Quantitative structuralâ€“activity relationship (QSAR) study for fungicidal activities of thiazoline derivatives against rice blast. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2133-2142.	2.2	20
53	Downregulation by lipopolysaccharide of Notch signaling, via nitric oxide. Journal of Cell Science, 2008, 121, 1466-1476.	2.0	35
54	Integrin-Linked Kinase Controls Notch1 Signaling by Down-Regulation of Protein Stability through Fbw7 Ubiquitin Ligase. Molecular and Cellular Biology, 2007, 27, 5565-5574.	2.3	56

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55	Zinc-induced downregulation of Notch signaling is associated with cytoplasmic retention of Notch1-IC and RBP-Jk via PI3kâ€“Akt signaling pathway. Cancer Letters, 2007, 255, 117-126.	7.2	20
56	Novel candidate targets of Wnt/Î²-catenin signaling in hepatoma cells. Life Sciences, 2007, 80, 690-698.	4.3	46
57	Negative regulation of SEK1 signaling by serum- and glucocorticoid-inducible protein kinase 1. EMBO Journal, 2007, 26, 3075-3085.	7.8	32
58	STMN2 is a novel target of Î²-catenin/TCF-mediated transcription in human hepatoma cells. Biochemical and Biophysical Research Communications, 2006, 345, 1059-1067.	2.1	25
59	Neuronal nitric oxide synthase (nNOS) modulates the JNK1 activity through redox mechanism: A cGMP independent pathway. Biochemical and Biophysical Research Communications, 2006, 346, 408-414.	2.1	9
60	Nitric oxide inhibits an interaction between JNK1 and c-Jun through nitrosylation. Biochemical and Biophysical Research Communications, 2006, 351, 281-286.	2.1	28
61	SUMOâ€1 represses apoptosis signalâ€regulating kinase 1 activation through physical interaction and not through covalent modification. EMBO Reports, 2005, 6, 949-955.	4.5	27
62	Activation of PI3K/Akt pathway by PTEN reduction and PIK3CA mRNA amplification contributes to cisplatin resistance in an ovarian cancer cell line. Gynecologic Oncology, 2005, 97, 26-34.	1.4	214
63	Notch interferes with the scaffold function of JNK-interacting protein 1 to inhibit the JNK signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14308-14313.	7.1	62
64	Presenilin acts as a positive regulator of basal level activity of ERK through the Raf-MEK1 signaling pathway. Biochemical and Biophysical Research Communications, 2005, 332, 609-613.	2.1	24
65	Phosphorylation of p38 MAPK Induced by Oxidative Stress Is Linked to Activation of Both Caspase-8- and -9-mediated Apoptotic Pathways in Dopaminergic Neurons. Journal of Biological Chemistry, 2004, 279, 20451-20460.	3.4	189
66	Negative Regulation of MEKK1-induced Signaling by Glutathione S-Transferase Mu. Journal of Biological Chemistry, 2004, 279, 43589-43594.	3.4	47
67	Inhibition of Apoptosis Signal-regulating Kinase 1 by Nitric Oxide through a Thiol Redox Mechanism. Journal of Biological Chemistry, 2004, 279, 7584-7590.	3.4	98
68	The tumour suppressor RASSF1A regulates mitosis by inhibiting the APCâ€“Cdc20 complex. Nature Cell Biology, 2004, 6, 129-137.	10.3	287
69	SB203580 Induces Prolonged B-Raf Activation and Promotes Neuronal Differentiation upon EGF Treatment of PC12 Cells. Biochemistry (Moscow), 2004, 69, 799-805.	1.5	3
70	Identification of a novel antiapoptotic protein that antagonizes ASK1 and CAD activities. Journal of Cell Biology, 2003, 163, 71-81.	5.2	39
71	Glycogen Synthase Kinase 3Î² Is a Natural Activator of Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase Kinase Kinase 1 (MEKK1). Journal of Biological Chemistry, 2003, 278, 13995-14001.	3.4	80
72	p57KIP2 Modulates Stress-activated Signaling by Inhibiting c-Jun NH2-terminal Kinase/Stress-activated Protein Kinase. Journal of Biological Chemistry, 2003, 278, 48092-48098.	3.4	59

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73	Heat Shock Protein Hsp72 Is a Negative Regulator of Apoptosis Signal-Regulating Kinase 1. Molecular and Cellular Biology, 2002, 22, 7721-7730.	2.3	154
74	Akt (Protein Kinase B) Negatively Regulates SEK1 by Means of Protein Phosphorylation. Journal of Biological Chemistry, 2002, 277, 2573-2578.	3.4	129
75	SWI/SNF Complex Interacts with Tumor Suppressor p53 and Is Necessary for the Activation of p53-mediated Transcription. Journal of Biological Chemistry, 2002, 277, 22330-22337.	3.4	190
76	H2O2-induced AP-1 activation and its effect on p21WAF1/CIP1-mediated G2/M arrest in a p53-deficient human lung cancer cell. Biochemical and Biophysical Research Communications, 2002, 293, 1248-1253.	2.1	59
77	The Na+/H+ exchanger regulatory factor 2 mediates phosphorylation of serum- and glucocorticoid-induced protein kinase 1 by 3-phosphoinositide-dependent protein kinase 1. Biochemical and Biophysical Research Communications, 2002, 298, 207-215.	2.1	21
78	Correlation Between Structure of Bcl-2 and Its Inhibitory Function of JNK and Caspase Activity in Dopaminergic Neuronal Apoptosis. Journal of Neurochemistry, 2002, 74, 1621-1626.	3.9	25
79	Apoptotic Signaling Pathways: Caspases and Stress-Activated Protein Kinases. BMB Reports, 2002, 35, 24-27.	2.4	149
80	Hepatitis C virus core inhibits the Fas-mediated p38 mitogen activated kinase signaling pathway in hepatocytes. Molecules and Cells, 2002, 13, 452-62.	2.6	14
81	Role of Phospholipase C-Î³1 in Insulin-like Growth Factor I-Induced Muscle Differentiation of H9c2 Cardiac Myoblasts. Biochemical and Biophysical Research Communications, 2001, 282, 816-822.	2.1	18
82	Glutathione S-Transferase Mu Modulates the Stress-activated Signals by Suppressing Apoptosis Signal-regulating Kinase 1. Journal of Biological Chemistry, 2001, 276, 12749-12755.	3.4	357
83	Zn2+ Induces Stimulation of the c-Jun N-Terminal Kinase Signaling Pathway through Phosphoinositide 3-Kinase. Molecular Pharmacology, 2001, 59, 981-986.	2.3	55
84	Molecular Cloning of Multiple Splicing Variants of JIP-1 Preferentially Expressed in Brain. Journal of Neurochemistry, 2001, 72, 1335-1343.	3.9	43
85	Glutamine-dependent Antiapoptotic Interaction of Human Glutaminyl-tRNA Synthetase with Apoptosis Signal-regulating Kinase 1. Journal of Biological Chemistry, 2001, 276, 6030-6036.	3.4	174
86	Apoptosis Signal-regulating Kinase 1 Controls the Proapoptotic Function of Death-associated Protein (Daxx) in the Cytoplasm. Journal of Biological Chemistry, 2001, 276, 39103-39106.	3.4	101
87	Role of Receptor-interacting Protein in Tumor Necrosis Factor-Î±-dependent MEKK1 Activation. Journal of Biological Chemistry, 2001, 276, 27064-27070.	3.4	30
88	Negative Regulation of the Sapk/Jnk Signaling Pathway by Presenilin 1. Journal of Cell Biology, 2001, 153, 457-464.	5.2	28
89	Kaposi's Sarcoma-Associated Herpesvirus Open Reading Frame 50 Represses p53-Induced Transcriptional Activity and Apoptosis. Journal of Virology, 2001, 75, 6245-6248.	3.4	45
90	Activation of death-inducing signaling complex (DISC) by pro-apoptotic C-terminal fragment of RIP. Oncogene, 2000, 19, 4491-4499.	5.9	89

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91	Structural and Functional Dissection of Human Cytomegalovirus US3 in Binding Major Histocompatibility Complex Class I Molecules. Journal of Virology, 2000, 74, 11262-11269.	3.4	45
92	Selenite Negatively Regulates Caspase-3 through a Redox Mechanism. Journal of Biological Chemistry, 2000, 275, 8487-8491.	3.4	63
93	Selenite Inhibits the c-Jun N-terminal Kinase/Stress-activated Protein Kinase (JNK/SAPK) through a Thiol Redox Mechanism. Journal of Biological Chemistry, 2000, 275, 2527-2531.	3.4	105
94	Rb Protein Down-regulates the Stress-activated Signals through Inhibiting c-Jun N-terminal Kinase/Stress-activated Protein Kinase. Journal of Biological Chemistry, 2000, 275, 14107-14111.	3.4	32
95	Role of Cytosolic Phospholipase A2 as a Downstream Mediator of Rac in the Signaling Pathway to JNK Stimulation. Biochemical and Biophysical Research Communications, 2000, 268, 231-236.	2.1	16
96	Two distinct mechanisms are involved in 6-hydroxydopamine- and MPP+-induced dopaminergic neuronal cell death: Role of caspases, ROS, and JNK. Journal of Neuroscience Research, 1999, 57, 86-94.	2.9	225
97	Two distinct mechanisms are involved in 6-hydroxydopamine- and MPP+-induced dopaminergic neuronal cell death: Role of caspases, ROS, and JNK. , 1999, 57, 86.		1
98	Two distinct mechanisms are involved in 6â€hydroxydopamineâ€•and MPPâ€induced dopaminergic neuronal cell death: Role of caspases, ROS, and JNK. Journal of Neuroscience Research, 1999, 57, 86-94.	2.9	13
99	Ca²⁺â€Mediated Activation of câ€Jun Nâ€Terminal Kinase and Nuclear Factor ÎºB by NMDA in Cortical Cell Cultures. Journal of Neurochemistry, 1998, 71, 1390-1395.	3.9	96
100	Activation of c-Jun N-terminal Kinase Antagonizes an Anti-apoptotic Action of Bcl-2. Journal of Biological Chemistry, 1997, 272, 16725-16728.	3.4	109
101	A non-enzymatic p21 protein inhibitor of stress-activated protein kinases. Nature, 1996, 381, 804-807.	27.8	245
102	Do the calmodulin-stimulated adenylyl cyclases play a role in neuroplasticity?. Behavioral and Brain Sciences, 1995, 18, 429-440.	0.7	17
103	Type I Calmodulin-Sensitive Adenylyl Cyclase Is Neural Specific. Journal of Neurochemistry, 1993, 60, 305-311.	3.9	232
104	The regulatory diversity of the mammalian adenylyl cyclases. Current Opinion in Cell Biology, 1993, 5, 269-273.	5.4	118
105	The type III calcium/calmodulin-sensitive adenylyl cyclase is not specific to olfactory sensory neurons. Neuroscience Letters, 1992, 144, 169-173.	2.1	173