# Kunihiro Matsumoto

List of Publications by Year
in descending order



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|---|---|---|---|
| 150 papers | 22,462 citations | 9756 73 h-index | 8370 147 g-index |
| 159 all docs | 159 docs citations | 159 times ranked | 19846 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Chemical Signaling Regulates Axon Regeneration via the GPCRâ€“GqÎ± Pathway in<i>Caenorhabditis elegans</i>. Journal of Neuroscience, 2022, 42, 720-730. | 1.7 | 4 |
| 2 | Caenorhabditis elegans F-Box Protein Promotes Axon Regeneration by Inducing Degradation of the Mad Transcription Factor. Journal of Neuroscience, 2021, 41, 2373-2381. | 1.7 | 3 |
| 3 | BRCA1â€“BARD1 Regulates Axon Regeneration in Concert with the GqÎ±â€“DAG Signaling Network. Journal of Neuroscience, 2021, 41, 2842-2853. | 1.7 | 6 |
| 4 | The Integrin Signaling Network Promotes Axon Regeneration via the Srcâ€“Ephexinâ€“RhoA GTPase Signaling Axis. Journal of Neuroscience, 2021, 41, 4754-4767. | 1.7 | 15 |
| 5 | CDK14 Promotes Axon Regeneration by Regulating the Noncanonical Wnt Signaling Pathway in a Kinase-Independent Manner. Journal of Neuroscience, 2021, 41, 8309-8320. | 1.7 | 6 |
| 6 | UNC-16 alters DLK-1 localization and negatively regulates actin and microtubule dynamics in <i>Caenorhabditis elegans</i> regenerating neurons. Genetics, 2021, 219, . | 1.2 | 3 |
| 7 | <i>C. elegans</i> Tensin Promotes Axon Regeneration by Linking the Met-like SVH-2 and Integrin Signaling Pathways. Journal of Neuroscience, 2019, 39, 5662-5672. | 1.7 | 11 |
| 8 | LRRK1 phosphorylation of Rab7 at Ser-72 links trafficking of EGFR-containing endosomes to its effector RILP. Journal of Cell Science, 2019, 132, . | 1.2 | 38 |
| 9 | <i>N</i>-Glycosylation of the Discoidin Domain Receptor Is Required for Axon Regeneration in <i>Caenorhabditis elegans</i>. Genetics, 2019, 213, 491-500. | 1.2 | 6 |
| 10 | <scp>TDP</scp> 2 negatively regulates axon regeneration by inducing <scp>SUMO</scp> ylation of an Ets transcription factor. EMBO Reports, 2019, 20, e47517. | 2.0 | 6 |
| 11 | The C.Âelegans BRCA2-ALP/Enigma Complex Regulates Axon Regeneration via a Rho GTPase-ROCK-MLC Phosphorylation Pathway. Cell Reports, 2018, 24, 1880-1889. | 2.9 | 20 |
| 12 | Phosphatidylserine exposure mediated by ABC transporter activates the integrin signaling pathway promoting axon regeneration. Nature Communications, 2018, 9, 3099. | 5.8 | 31 |
| 13 | Signal transduction cascades in axon regeneration: insights from C. elegans. Current Opinion in Genetics and Development, 2017, 44, 54-60. | 1.5 | 20 |
| 14 | UNC-16/JIP3 regulates early events in synaptic vesicle protein trafficking via LRK-1/LRRK2 and AP complexes. PLoS Genetics, 2017, 13, e1007100. | 1.5 | 36 |
| 15 | Chaperone complex <scp>BAG</scp>2â€“<scp>HSC</scp>70 regulates localization of <i>Caenorhabditis elegans</i> leucineâ€rich repeat kinase <scp>LRK</scp>â€1 to the Golgi. Genes To Cells, 2016, 21, 311-324. | 0.5 | 16 |
| 16 | Endocannabinoid signaling regulates regenerative axon navigation in <i>Caenorhabditis elegans</i> via the GPCRs NPRâ€19 and NPRâ€32. Genes To Cells, 2016, 21, 696-705. | 0.5 | 28 |
| 17 | The Core Molecular Machinery Used for Engulfment of Apoptotic Cells Regulates the JNK Pathway Mediating Axon Regeneration in<i>Caenorhabditis elegans</i>. Journal of Neuroscience, 2016, 36, 9710-9721. | 1.7 | 20 |
| 18 | Axotomy-induced HIF-serotonin signalling axis promotes axon regeneration in C. elegans. Nature Communications, 2016, 7, 10388. | 5.8 | 40 |

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| 19 | TAK1 determines susceptibility to endoplasmic reticulum stress and hypothalamic leptin resistance. Journal of Cell Science, 2016, 129, 1855-65. | 1.2 | 11 |
| 20 | The C. elegans Discoidin Domain Receptor DDR-2 Modulates the Met-like RTKâ€“JNK Signaling Pathway in Axon Regeneration. PLoS Genetics, 2016, 12, e1006475. | 1.5 | 25 |
| 21 | Phosphorylation of CLIP-170 by LRRK1 regulates EGFR trafficking by promoting recruitment of p150Glued to MT plus-ends. Journal of Cell Science, 2015, 128, 385-96. | 1.2 | 24 |
| 22 | MAP kinase cascades regulating axon regeneration in <i>C. elegans</i>. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2015, 91, 63-75. | 1.6 | 15 |
| 23 | LRRK1 regulates spindle orientation by phosphorylating CDK5RAP2. Cell Cycle, 2015, 14, 3349-3350. | 1.3 | 4 |
| 24 | PLK1-dependent activation of LRRK1 regulates spindle orientation by phosphorylating CDK5RAP2. Nature Cell Biology, 2015, 17, 1024-1035. | 4.6 | 62 |
| 25 | Axon Regeneration Is Regulated by Etsâ€“C/EBP Transcription Complexes Generated by Activation of the cAMP/Ca2+ Signaling Pathways. PLoS Genetics, 2015, 11, e1005603. | 1.5 | 30 |
| 26 | The C.Âelegans HGF/Plasminogen-like Protein SVH-1 Has Protease-Dependent and -Independent Functions. Cell Reports, 2014, 9, 1628-1634. | 2.9 | 10 |
| 27 | TAK1 kinase switches cell fate from apoptosis to necrosis following TNF stimulation. Journal of Cell Biology, 2014, 204, 607-623. | 2.3 | 78 |
| 28 | TAK1 Binding Protein 2 Is Essential for Liver Protection from Stressors. PLoS ONE, 2014, 9, e88037. | 1.1 | 14 |
| 29 | A Fasting-Responsive Signaling Pathway that Extends Life Span in C.Âelegans. Cell Reports, 2013, 3, 79-91. | 2.9 | 80 |
| 30 | Forgetting in C.Âelegans Is Accelerated by Neuronal Communication via the TIR-1/JNK-1 Pathway. Cell Reports, 2013, 3, 808-819. | 2.9 | 52 |
| 31 | The Caenorhabditis elegans JNK Signaling Pathway Activates Expression of Stress Response Genes by Derepressing the Fos/HDAC Repressor Complex. PLoS Genetics, 2013, 9, e1003315. | 1.5 | 33 |
| 32 | NLK positively regulates Wnt/Î²-catenin signalling by phosphorylating LEF1 in neural progenitor cells. EMBO Journal, 2012, 31, 1904-1915. | 3.5 | 69 |
| 33 | Endocannabinoid-GoÎ± signalling inhibits axon regeneration in Caenorhabditis elegans by antagonizing GqÎ±-PKC-JNK signalling. Nature Communications, 2012, 3, 1136. | 5.8 | 48 |
| 34 | Epithelial transforming growth factor Â-activated kinase 1 (TAK1) is activated through two independent mechanisms and regulates reactive oxygen species. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3365-3370. | 3.3 | 51 |
| 35 | The growth factor SVH-1 regulates axon regeneration in C. elegans via the JNK MAPK cascade. Nature Neuroscience, 2012, 15, 551-557. | 7.1 | 80 |
| 36 | EGFR-dependent phosphorylation of leucine-rich repeat kinase LRRK1 is important for proper endosomal trafficking of EGFR. Molecular Biology of the Cell, 2012, 23, 1294-1306. | 0.9 | 31 |

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| 37 | TAK1 kinase signaling regulates embryonic angiogenesis by modulating endothelial cell survival and migration. Blood, 2012, 120, 3846-3857. | 0.6 | 52 |
| 38 | TAK1 (MAP3K7) Signaling Regulates Hematopoietic Stem Cells through TNF-Dependent and -Independent Mechanisms. PLoS ONE, 2012, 7, e51073. | 1.1 | 11 |
| 39 | Axon regeneration requires coordinate activation of p38 and JNK MAPK pathways. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10738-10743. | 3.3 | 181 |
| 40 | The<i>Caenorhabditis elegans</i>JIP3 Protein UNC-16 Functions As an Adaptor to Link Kinesin-1 with Cytoplasmic Dynein. Journal of Neuroscience, 2011, 31, 2216-2224. | 1.7 | 90 |
| 41 | TGF-Î²-activated kinase 1 mediates mechanical stress-induced IL-6 expression in osteoblasts. Biochemical and Biophysical Research Communications, 2011, 408, 202-207. | 1.0 | 29 |
| 42 | A shift of the TOR adaptor from Rictor towards Raptor by semaphorin in C. elegans. Nature Communications, 2011, 2, 484. | 5.8 | 20 |
| 43 | Leucine-rich repeat kinase LRRK1 regulates endosomal trafficking of the EGF receptor. Nature Communications, 2011, 2, 158. | 5.8 | 75 |
| 44 | Homodimerization of Nemo-like kinase is essential for activation and nuclear localization. Molecular Biology of the Cell, 2011, 22, 266-277. | 0.9 | 28 |
| 45 | Regulation of Anoxic Death in <i>Caenorhabditis elegans</i> by Mammalian Apoptosis Signal-Regulating Kinase (ASK) Family Proteins. Genetics, 2011, 187, 785-792. | 1.2 | 29 |
| 46 | Dysregulated LRRK2 Signaling in Response to Endoplasmic Reticulum Stress Leads to Dopaminergic Neuron Degeneration in C. elegans. PLoS ONE, 2011, 6, e22354. | 1.1 | 69 |
| 47 | Molecular characterization of Legionella pneumophila-induced interleukin-8 expression in T cells. BMC Microbiology, 2010, 10, 1. | 1.3 | 195 |
| 48 | Nemo-like kinase suppresses Notch signalling by interfering with formation of the Notch active transcriptional complex. Nature Cell Biology, 2010, 12, 278-285. | 4.6 | 110 |
| 49 | Mib-Jag1-Notch signalling regulates patterning and structural roles of the notochord by controlling cell-fate decisions. Development (Cambridge), 2010, 137, 2527-2537. | 1.2 | 80 |
| 50 | The <i>Caenorhabditis elegans</i> Ste20-Related Kinase and Rac-Type Small GTPase Regulate the c-Jun N-Terminal Kinase Signaling Pathway Mediating the Stress Response. Molecular and Cellular Biology, 2010, 30, 995-1003. | 1.1 | 14 |
| 51 | Ablation of TAK1 Upregulates Reactive Oxygen Species and Selectively Kills Tumor Cells. Cancer Research, 2010, 70, 8417-8425. | 0.4 | 37 |
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| 53 | The ERK-MAPK Pathway Regulates Longevity through SKN-1 and Insulin-like Signaling in Caenorhabditis elegans. Journal of Biological Chemistry, 2010, 285, 30274-30281. | 1.6 | 81 |
| 54 | Transforming Growth Factor Î²-activated Kinase 1 (TAK1) Kinase Adaptor, TAK1-binding Protein 2, Plays Dual Roles in TAK1 Signaling by Recruiting Both an Activator and an Inhibitor of TAK1 Kinase in Tumor Necrosis Factor Signaling Pathway. Journal of Biological Chemistry, 2010, 285, 2333-2339. | 1.6 | 64 |

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| 55 | Phosphorylation of the Conserved Transcription Factor ATF-7 by PMK-1 p38 MAPK Regulates Innate Immunity in Caenorhabditis elegans. PLoS Genetics, 2010, 6, e1000892. | 1.5 | 155 |
| 56 | Delta1 family members are involved in filopodial actin formation and neuronal cell migration independent of Notch signaling. Biochemical and Biophysical Research Communications, 2010, 398, 118-124. | 1.0 | 2 |
| 57 | The Germinal Center Kinase GCK-1 Is a Negative Regulator of MAP Kinase Activation and Apoptosis in the C. elegans Germline. PLoS ONE, 2009, 4, e7450. | 1.1 | 13 |
| 58 | LRRK2 Modulates Vulnerability to Mitochondrial Dysfunction in Caenorhabditis elegans. Journal of Neuroscience, 2009, 29, 9210-9218. | 1.7 | 220 |
| 59 | Caenorhabditis elegans FOS-1 and JUN-1 Regulate<i>plc-1</i>Expression in the Spermatheca to Control Ovulation. Molecular Biology of the Cell, 2009, 20, 3888-3895. | 0.9 | 22 |
| 60 | Regulation of ERK activity duration by Sprouty contributes to dorsoventral patterning. Nature Cell Biology, 2009, 11, 106-109. | 4.6 | 15 |
| 61 | Nemoâ€like kinase is involved in NGFâ€induced neurite outgrowth via phosphorylating MAP1B and paxillin. Journal of Neurochemistry, 2009, 111, 1104-1118. | 2.1 | 56 |
| 62 | A mechanism for the suppression of interleukin-1-induced nuclear factor ÎºB activation by protein phosphatase 2CÎ·-2. Biochemical Journal, 2009, 423, 71-78. | 1.7 | 27 |
| 63 | Expression of Siamois and Twin in the blastula Chordin/Noggin signaling center is required for brain formation in Xenopus laevis embryos. Mechanisms of Development, 2008, 125, 58-66. | 1.7 | 35 |
| 64 | <i>Caenorhabditis elegans</i> WNKâ€“STE20 pathway regulates tube formation by modulating ClC channel activity. EMBO Reports, 2008, 9, 70-75. | 2.0 | 41 |
| 65 | A redox-sensitive peroxiredoxin that is important for longevity has tissue- and stress-specific roles in stress resistance. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19839-19844. | 3.3 | 135 |
| 66 | TAK1-binding Protein 1, TAB1, Mediates Osmotic Stress-induced TAK1 Activation but Is Dispensable for TAK1-mediated Cytokine Signaling. Journal of Biological Chemistry, 2008, 283, 33080-33086. | 1.6 | 61 |
| 67 | TAK1 Regulates Reactive Oxygen Species and Cell Death in Keratinocytes, Which Is Essential for Skin Integrity. Journal of Biological Chemistry, 2008, 283, 26161-26168. | 1.6 | 91 |
| 68 | Enterocyte-Derived TAK1 Signaling Prevents Epithelium Apoptosis and the Development of Ileitis and Colitis. Journal of Immunology, 2008, 181, 1143-1152. | 0.4 | 136 |
| 69 | TAK1 Is a Central Mediator of NOD2 Signaling in Epidermal Cells. Journal of Biological Chemistry, 2008, 283, 137-144. | 1.6 | 79 |
| 70 | Role of the <i>Caenorhabditis elegans</i> Shc Adaptor Protein in the c-Jun N-Terminal Kinase Signaling Pathway. Molecular and Cellular Biology, 2008, 28, 7041-7049. | 1.1 | 34 |
| 71 | Temperature Sensing by an Olfactory Neuron in a Circuit Controlling Behavior of <i>C. elegans</i>. Science, 2008, 320, 803-807. | 6.0 | 180 |
| 72 | TAK1 MAPK Kinase Kinase Mediates Transforming Growth Factor-Î² Signaling by Targeting SnoN Oncoprotein for Degradation. Journal of Biological Chemistry, 2007, 282, 9475-9481. | 1.6 | 36 |

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| 73 | GLH-1, the C. elegans P granule protein, is controlled by the JNK KGB-1 and by the COP9 subunit CSN-5. Development (Cambridge), 2007, 134, 3383-3392. | 1.2 | 38 |
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| 75 | A histone lysine methyltransferase activated by non-canonical Wnt signalling suppresses PPAR-Î³ transactivation. Nature Cell Biology, 2007, 9, 1273-1285. | 4.6 | 400 |
| 76 | LRK-1, a C. elegans PARK8-Related Kinase, Regulates Axonal-Dendritic Polarity of SV Proteins. Current Biology, 2007, 17, 592-598. | 1.8 | 188 |
| 77 | Suppression of PPAR Transactivation Switches Cell Fate of Bone Marrow Stem Cells from Adipocytes into Osteoblasts. Annals of the New York Academy of Sciences, 2007, 1116, 182-195. | 1.8 | 120 |
| 78 | The Yersinia enterocolitica effector YopP inhibits host cell signalling by inactivating the protein kinase TAK1 in the ILâ€1 signalling pathway. EMBO Reports, 2006, 7, 838-844. | 2.0 | 52 |
| 79 | Osmotic Stress Activates the TAK1-JNK Pathway While Blocking TAK1-mediated NF-ÎºB Activation. Journal of Biological Chemistry, 2006, 281, 28802-28810. | 1.6 | 53 |
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| 81 | Identification of Guanylyl Cyclases That Function in Thermosensory Neurons of Caenorhabditis elegans. Genetics, 2006, 172, 2239-2252. | 1.2 | 153 |
| 82 | TAK1 Is a Component of the Epstein-Barr Virus LMP1 Complex and Is Essential for Activation of JNK but Not of NF-ÎºB. Journal of Biological Chemistry, 2006, 281, 7863-7872. | 1.6 | 34 |
| 83 | TAK1 Is a Master Regulator of Epidermal Homeostasis Involving Skin Inflammation and Apoptosis. Journal of Biological Chemistry, 2006, 281, 19610-19617. | 1.6 | 136 |
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| 85 | Nrarp functions to modulate neural-crest-cell differentiation by regulating LEF1 protein stability. Nature Cell Biology, 2005, 7, 1106-1112. | 4.6 | 74 |
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| 87 | Essential function for the kinase TAK1 in innate and adaptive immune responses. Nature Immunology, 2005, 6, 1087-1095. | 7.0 | 839 |
| 88 | The p38 signal transduction pathway participates in the oxidative stress-mediated translocation of DAF-16 to Caenorhabditis elegans nuclei. Mechanisms of Ageing and Development, 2005, 126, 642-647. | 2.2 | 60 |
| 89 | STAT3 regulates Nemo-like kinase by mediating its interaction with IL-6-stimulated TGFÂ-activated kinase 1 for STAT3 Ser-727 phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4524-4529. | 3.3 | 76 |
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| 92 | Regulation of the Caenorhabditis elegans oxidative stress defense protein SKN-1 by glycogen synthase kinase-3. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16275-16280. | 3.3 | 212 |
| 93 | WNK1 Regulates Phosphorylation of Cation-Chloride-coupled Cotransporters via the STE20-related Kinases, SPAK and OSR1*. Journal of Biological Chemistry, 2005, 280, 42685-42693. | 1.6 | 401 |
| 94 | The C. elegans p38 MAPK pathway regulates nuclear localization of the transcription factor SKN-1 in oxidative stress response. Genes and Development, 2005, 19, 2278-2283. | 2.7 | 371 |
| 95 | Integration of Caenorhabditis elegans MAPK pathways mediating immunity and stress resistance by MEK-1 MAPK kinase and VHP-1 MAPK phosphatase. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10990-10994. | 3.3 | 162 |
| 96 | Role of the TAK1-NLK-STAT3 pathway in TGF-Â-mediated mesoderm induction. Genes and Development, 2004, 18, 381-386. | 2.7 | 96 |
| 97 | Posttranscriptional Regulation of HO Expression by the Mkt1-Pbp1 Complex. Molecular and Cellular Biology, 2004, 24, 3670-3681. | 1.1 | 52 |
| 98 | Wnt-1 signal induces phosphorylation and degradation of c-Myb protein via TAK1, HIPK2, and NLK. Genes and Development, 2004, 18, 816-829. | 2.7 | 151 |
| 99 | Elucidation of the c-Jun N-Terminal Kinase Pathway Mediated by Epstein-Barr Virus-Encoded Latent Membrane Protein 1. Molecular and Cellular Biology, 2004, 24, 192-199. | 1.1 | 70 |
| 100 | Roles of MAP Kinase Cascades in Caenorhabditis elegans. Journal of Biochemistry, 2004, 136, 7-11. | 0.9 | 74 |
| 101 | The Caenorhabditis elegans MAPK phosphatase VHP-1 mediates a novel JNK-like signaling pathway in stress response. EMBO Journal, 2004, 23, 2226-2234. | 3.5 | 150 |
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| 103 | An NDPase links ADAM protease glycosylation with organ morphogenesis in C. elegans. Nature Cell Biology, 2004, 6, 31-37. | 4.6 | 58 |
| 104 | Role of the TAB2-related protein TAB3 in IL-1 and TNF signaling. EMBO Journal, 2003, 22, 6277-6288. | 3.5 | 242 |
| 105 | Functional analyses of mammalian protein kinase C isozymes in budding yeast and mammalian fibroblasts. Genes To Cells, 2003, 2, 601-614. | 0.5 | 19 |
| 106 | Cytokines suppress adipogenesis and PPAR-Î³ function through the TAK1/TAB1/NIK cascade. Nature Cell Biology, 2003, 5, 224-230. | 4.6 | 274 |
| 107 | TAK1 is Critical for IÎºB Kinase-mediated Activation of the NF-ÎºB Pathway. Journal of Molecular Biology, 2003, 326, 105-115. | 2.0 | 353 |
| 108 | The TAK1-NLK Mitogen-Activated Protein Kinase Cascade Functions in the Wnt-5a/Ca 2+ Pathway To Antagonize Wnt/Î²-Catenin Signaling. Molecular and Cellular Biology, 2003, 23, 131-139. | 1.1 | 503 |

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| 109 | TAB2 Is Essential for Prevention of Apoptosis in Fetal Liver but Not for Interleukin-1 Signaling. Molecular and Cellular Biology, 2003, 23, 1231-1238. | 1.1 | 114 |
| 110 | Regulation of Lymphoid Enhancer Factor 1/T-Cell Factor by Mitogen-Activated Protein Kinase-Related Nemo-Like Kinase-Dependent Phosphorylation in Wnt/Î²-Catenin Signaling. Molecular and Cellular Biology, 2003, 23, 1379-1389. | 1.1 | 202 |
| 111 | A Resorcylic Acid Lactone, 5Z-7-Oxozeaenol, Prevents Inflammation by Inhibiting the Catalytic Activity of TAK1 MAPK Kinase Kinase. Journal of Biological Chemistry, 2003, 278, 18485-18490. | 1.6 | 374 |
| 112 | Regulation of the Interleukin-1-induced Signaling Pathways by a Novel Member of the Protein Phosphatase 2C Family (PP2CÎµ). Journal of Biological Chemistry, 2003, 278, 12013-12021. | 1.6 | 77 |
| 113 | Interleukin-1 (IL-1) Receptor-Associated Kinase-Dependent IL-1-Induced Signaling Complexes Phosphorylate TAK1 and TAB2 at the Plasma Membrane and Activate TAK1 in the Cytosol. Molecular and Cellular Biology, 2002, 22, 7158-7167. | 1.1 | 263 |
| 114 | Receptor Activator of NF-ÎºB Ligand (RANKL) Activates TAK1 Mitogen-Activated Protein Kinase Kinase Kinase through a Signaling Complex Containing RANK, TAB2, and TRAF6. Molecular and Cellular Biology, 2002, 22, 992-1000. | 1.1 | 261 |
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| 116 | Targeted disruption of the Tab1 gene causes embryonic lethality and defects in cardiovascular and lung morphogenesis. Mechanisms of Development, 2002, 119, 239-249. | 1.7 | 99 |
| 117 | A Conserved p38 MAP Kinase Pathway in Caenorhabditis elegans Innate Immunity. Science, 2002, 297, 623-626. | 6.0 | 746 |
| 118 | The Khd1 protein, which has three KH RNA-binding motifs, is required for proper localization of ASH1 mRNA in yeast. EMBO Journal, 2002, 21, 1158-1167. | 3.5 | 96 |
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| 124 | Regulation of the TAK1 Signaling Pathway by Protein Phosphatase 2C. Journal of Biological Chemistry, 2001, 276, 5753-5759. | 1.6 | 129 |
| 125 | An Evolutionarily Conserved Motif in the TAB1 C-terminal Region Is Necessary for Interaction with and Activation of TAK1 MAPKKK. Journal of Biological Chemistry, 2001, 276, 24396-24400. | 1.6 | 58 |
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| 127 | Interleukin-1 (IL-1) Receptor-Associated Kinase Leads to Activation of TAK1 by Inducing TAB2 Translocation in the IL-1 Signaling Pathway. Molecular and Cellular Biology, 2001, 21, 2475-2484. | 1.1 | 179 |
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| 130 | TAK1 Participates in c-Jun N-Terminal Kinase Signaling during Drosophila Development. Molecular and Cellular Biology, 2000, 20, 3015-3026. | 1.1 | 116 |
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| 132 | A Metalloprotease Disintegrin That Controls Cell Migration in Caenorhabditis elegans. Science, 2000, 288, 2205-2208. | 6.0 | 111 |
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| 134 | Distinct Domains of Mouse Dishevelled Are Responsible for the c-Jun N-terminal Kinase/Stress-activated Protein Kinase Activation and the Axis Formation in Vertebrates. Journal of Biological Chemistry, 1999, 274, 30957-30962. | 1.6 | 127 |
| 135 | The kinase TAK1 can activate the NIK-IÎºB as well as the MAP kinase cascade in the IL-1 signalling pathway. Nature, 1999, 398, 252-256. | 13.7 | 1,118 |
| 136 | MAP kinase and Wnt pathways converge to downregulate an HMG-domain repressor in Caenorhabditis elegans. Nature, 1999, 399, 793-797. | 13.7 | 263 |
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| 139 | p38 Mitogen-Activated Protein Kinase Can Be Involved in Transforming Growth Factor Î² Superfamily Signal Transduction in <i>Drosophila</i> Wing Morphogenesis. Molecular and Cellular Biology, 1999, 19, 2322-2329. | 1.1 | 157 |
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