

# Hiroaki Sakurai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7495694/publications.pdf>

Version: 2024-02-01

168  
papers

8,753  
citations

44069

48  
h-index

48315

88  
g-index

177  
all docs

177  
docs citations

177  
times ranked

12569  
citing authors

#	ARTICLE	IF	CITATIONS
1	I $\kappa$ B Kinases Phosphorylate NF- $\kappa$ B p65 Subunit on Serine 536 in the Transactivation Domain. <i>Journal of Biological Chemistry</i> , 1999, 274, 30353-30356.	3.4	751
2	Distinct Roles of the I $\kappa$ B Kinase I $\kappa$ B and I $\kappa$ B Subunits in Liberating Nuclear Factor I $\kappa$ B (NF- $\kappa$ B) from I $\kappa$ B and in Phosphorylating the p65 Subunit of NF- $\kappa$ B. <i>Journal of Biological Chemistry</i> , 2002, 277, 3863-3869.	3.4	354
3	Tumor Necrosis Factor- $\alpha$ -induced IKK Phosphorylation of NF- $\kappa$ B p65 on Serine 536 Is Mediated through the TRAF2, TRAF5, and TAK1 Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 36916-36923.	3.4	316
4	Targeting of TAK1 in inflammatory disorders and cancer. <i>Trends in Pharmacological Sciences</i> , 2012, 33, 522-530.	8.7	307
5	Receptor Activator of NF- $\kappa$ B Ligand (RANKL) Activates TAK1 Mitogen-Activated Protein Kinase Kinase Kinase through a Signaling Complex Containing RANK, TAB2, and TRAF6. <i>Molecular and Cellular Biology</i> , 2002, 22, 992-1000.	2.3	261
6	Key function for the Ubc13 E2 ubiquitin-conjugating enzyme in immune receptor signaling. <i>Nature Immunology</i> , 2006, 7, 962-970.	14.5	249
7	Role of the CXCL12/CXCR4 Axis in Peritoneal Carcinomatosis of Gastric Cancer. <i>Cancer Research</i> , 2006, 66, 2181-2187.	0.9	208
8	Functional Interactions of Transforming Growth Factor I $\kappa$ B-activated Kinase 1 with I $\kappa$ B Kinases to Stimulate NF- $\kappa$ B Activation. <i>Journal of Biological Chemistry</i> , 1999, 274, 10641-10648.	3.4	205
9	Critical Roles of Threonine 187 Phosphorylation in Cellular Stress-induced Rapid and Transient Activation of Transforming Growth Factor I $\kappa$ B-activated Kinase 1 (TAK1) in a Signaling Complex Containing TAK1-binding Protein TAB1 and TAB2. <i>Journal of Biological Chemistry</i> , 2005, 280, 7359-7368.	3.4	184
10	High-Level Expression of Chemokine CXCL16 by Tumor Cells Correlates with a Good Prognosis and Increased Tumor-Infiltrating Lymphocytes in Colorectal Cancer. <i>Cancer Research</i> , 2007, 67, 4725-4731.	0.9	164
11	PKC $\delta$ regulates BCR-mediated IKK activation by facilitating the interaction between TAK1 and CARMA1. <i>Journal of Experimental Medicine</i> , 2005, 202, 1423-1431.	8.5	157
12	Identification of NAP1, a Regulatory Subunit of I $\kappa$ B Kinase-Related Kinases That Potentiates NF- $\kappa$ B Signaling. <i>Molecular and Cellular Biology</i> , 2003, 23, 7780-7793.	2.3	154
13	Phosphorylation-independent activation of TAK1 mitogen-activated protein kinase kinase kinase by TAB1. <i>FEBS Letters</i> , 2000, 474, 141-145.	2.8	150
14	Phosphorylation of serine 276 is essential for p65 NF- $\kappa$ B subunit-dependent cellular responses. <i>Biochemical and Biophysical Research Communications</i> , 2003, 300, 807-812.	2.1	145
15	Vanillin suppresses in vitro invasion and in vivo metastasis of mouse breast cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 25, 57-65.	4.0	136
16	Angiotensin II plays a pathogenic role in immune-mediated renal injury in mice. <i>Journal of Clinical Investigation</i> , 1999, 103, 627-635.	8.2	133
17	Role of CX3CL1/Fractalkine in Osteoclast Differentiation and Bone Resorption. <i>Journal of Immunology</i> , 2009, 183, 7825-7831.	0.8	125
18	Blocking on the CXCR4/mTOR signalling pathway induces the anti-metastatic properties and autophagic cell death in peritoneal disseminated gastric cancer cells. <i>European Journal of Cancer</i> , 2008, 44, 1022-1029.	2.8	122

#	ARTICLE	IF	CITATIONS
19	Insufficient p65 phosphorylation at S536 specifically contributes to the lack of NF- $\kappa$ B activation and transformation in resistant JB6 cells. <i>Carcinogenesis</i> , 2004, 25, 1991-2003.	2.8	117
20	Two Mechanistically and Temporally Distinct NF- $\kappa$ B Activation Pathways in IL-1 Signaling. <i>Science Signaling</i> , 2009, 2, ra66.	3.6	116
21	Protein Phosphatase 2A Interacts with and Directly Dephosphorylates RelA. <i>Journal of Biological Chemistry</i> , 2001, 276, 47828-47833.	3.4	113
22	TAK1 Is Recruited to the Tumor Necrosis Factor- $\alpha$ (TNF- $\alpha$ ) Receptor 1 Complex in a Receptor-interacting Protein (RIP)-dependent Manner and Cooperates with MEKK3 Leading to NF- $\kappa$ B Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 43056-43063.	3.4	113
23	Antitumor anthraquinones from an endophytic actinomycete <i>Micromonospora lupini</i> sp. nov.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3702-3705.	2.2	110
24	Activation of transcription factor NF- $\kappa$ B in experimental glomerulonephritis in rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1996, 1316, 132-138.	3.8	106
25	Crucial roles of RSK in cell motility by catalysing serine phosphorylation of EphA2. <i>Nature Communications</i> , 2015, 6, 7679.	12.8	106
26	TGF- $\beta$ 2-Activated Kinase 1 Stimulates NF- $\kappa$ B Activation by an NF- $\kappa$ B-Inducing Kinase-Independent Mechanism. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 545-549.	2.1	99
27	Phosphorylation and ubiquitination of the $\kappa$ B kinase complex by two distinct signaling pathways. <i>EMBO Journal</i> , 2007, 26, 1794-1805.	7.8	97
28	RANKL-induced CCL22/macrophage-derived chemokine produced from osteoclasts potentially promotes the bone metastasis of lung cancer expressing its receptor CCR4. <i>Clinical and Experimental Metastasis</i> , 2006, 23, 9-18.	3.3	91
29	IKK $\beta$ phosphorylates p65 at S468 in transactivation domain 2. <i>FASEB Journal</i> , 2005, 19, 1758-1760.	0.5	79
30	TAK1 $\alpha$ -TAB1 fusion protein: a novel constitutively active mitogen-activated protein kinase kinase kinase that stimulates AP-1 and NF- $\kappa$ B signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 1277-1281.	2.1	78
31	TAK1-Mediated Serine/Threonine Phosphorylation of Epidermal Growth Factor Receptor via p38/Extracellular Signal-Regulated Kinase: NF- $\kappa$ B-Independent Survival Pathways in Tumor Necrosis Factor Alpha Signaling. <i>Molecular and Cellular Biology</i> , 2009, 29, 5529-5539.	2.3	77
32	Cutting Edge: Pivotal Function of Ubc13 in Thymocyte TCR Signaling. <i>Journal of Immunology</i> , 2006, 177, 7520-7524.	0.8	76
33	Anti-tumor angiogenesis effect of aminopeptidase inhibitor bestatin against B16-BL6 melanoma cells orthotopically implanted into syngeneic mice. <i>Cancer Letters</i> , 2004, 216, 35-42.	7.2	75
34	Prevention of Intrahepatic Metastasis by Curcumin in an Orthotopic Implantation Model. <i>Oncology</i> , 2003, 65, 250-258.	1.9	70
35	Heregulin-induced activation of ErbB3 by EGFR tyrosine kinase activity promotes tumor growth and metastasis in melanoma cells. <i>International Journal of Cancer</i> , 2008, 123, 340-347.	5.1	68
36	Activation of MEK/ERK and PI3K/Akt pathways by fibronectin requires integrin $\alpha$ 5 $\beta$ 1-mediated ADAM activity in hepatocellular carcinoma: A novel functional target for gefitinib. <i>Cancer Science</i> , 2006, 97, 155-162.	3.9	63

#	ARTICLE	IF	CITATIONS
37	Fibroblast growth factor-2-induced host stroma reaction during initial tumor growth promotes progression of mouse melanoma via vascular endothelial growth factor A-dependent neovascularization. <i>Cancer Science</i> , 2007, 98, 541-548.	3.9	62
38	Emerging and Diverse Functions of the EphA2 Noncanonical Pathway in Cancer Progression. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 1616-1624.	1.4	60
39	Suppression of NF- $\kappa$ B and AP-1 activation by glucocorticoids in experimental glomerulonephritis in rats: molecular mechanisms of anti-nephritic action. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1997, 1362, 252-262.	3.8	58
40	Chrysin overcomes TRAIL resistance of cancer cells through Mcl-1 downregulation by inhibiting STAT3 phosphorylation. <i>International Journal of Oncology</i> , 2013, 43, 329-337.	3.3	58
41	A flavonoid chrysin suppresses hypoxic survival and metastatic growth of mouse breast cancer cells. <i>Oncology Reports</i> , 2013, 30, 2357-2364.	2.6	58
42	Tumour-derived fibroblast growth factor-2 exerts lymphangiogenic effects through Akt/mTOR/p70S6kinase pathway in rat lymphatic endothelial cells. <i>European Journal of Cancer</i> , 2007, 43, 1748-1754.	2.8	57
43	ZD1839, a selective epidermal growth factor receptor tyrosine kinase inhibitor, shows antimetastatic activity using a hepatocellular carcinoma model. <i>Molecular Cancer Therapeutics</i> , 2003, 2, 557-61.	4.1	55
44	Rapid Attenuation of AP-1 Transcriptional Factors Associated with Nitric Oxide (NO)-mediated Neuronal Cell Death. <i>Journal of Biological Chemistry</i> , 1996, 271, 31061-31067.	3.4	54
45	SRT1720, a SIRT1 activator, promotes tumor cell migration, and lung metastasis of breast cancer in mice. <i>Oncology Reports</i> , 2012, 27, 1726-32.	2.6	54
46	The <i>Yersinia enterocolitica</i> effector YopP inhibits host cell signalling by inactivating the protein kinase TAK1 in the IL-1 signalling pathway. <i>EMBO Reports</i> , 2006, 7, 838-844.	4.5	52
47	A Proteomic Approach for the Diagnosis of <i>Oketsu</i> <sup>TM</sup> (blood stasis), a Pathophysiologic Concept of Japanese Traditional (Kampo) Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2008, 5, 463-474.	1.2	52
48	CXCL16 suppresses liver metastasis of colorectal cancer by promoting TNF- $\alpha$ -induced apoptosis by tumor-associated macrophages. <i>BMC Cancer</i> , 2014, 14, 949.	2.6	52
49	Severe pulmonary metastasis in obese and diabetic mice. <i>International Journal of Cancer</i> , 2006, 119, 2760-2767.	5.1	49
50	Abyssomicin I, a Modified Polycyclic Polyketide from <i>Streptomyces</i> sp. CHI39. <i>Journal of Natural Products</i> , 2010, 73, 1943-1946.	3.0	46
51	Absolute Configuration and Antitumor Activity of Myxochelin A Produced by <i>Nonomuraea pusilla</i> TP-A0861. <i>Journal of Antibiotics</i> , 2006, 59, 698-703.	2.0	45
52	Brartemicin, an Inhibitor of Tumor Cell Invasion from the Actinomycete <i>Nonomuraea</i> sp.. <i>Journal of Natural Products</i> , 2009, 72, 980-982.	3.0	45
53	Ligand-activated epidermal growth factor receptor (EGFR) signaling governs endocytic trafficking of unliganded receptor monomers by non-canonical phosphorylation. <i>Journal of Biological Chemistry</i> , 2018, 293, 2288-2301.	3.4	44
54	Stimulation of Cultured Cerebellar Granule Cells via Glutamate Receptors Induces TRP and CREB Binding Activities Mediated by Common DNA Binding Complexes. <i>Journal of Neurochemistry</i> , 1992, 59, 2067-2075.	3.9	42

#	ARTICLE	IF	CITATIONS
55	TAK1-mediated stress signaling pathways are essential for TNF- $\alpha$ -promoted pulmonary metastasis of murine colon cancer cells. <i>International Journal of Cancer</i> , 2006, 118, 2758-2764.	5.1	42
56	Artesunate enhances TRAIL-induced apoptosis in human cervical carcinoma cells through inhibition of the NF- $\kappa$ B and PI3K/Akt signaling pathways. <i>International Journal of Oncology</i> , 2011, 39, 279-85.	3.3	42
57	RAC 1 inhibition as a therapeutic target for gefitinib-resistant non-small cell lung cancer. <i>Cancer Science</i> , 2014, 105, 788-794.	3.9	42
58	Blockade of transforming growth factor- $\beta$ -activated kinase 1 activity enhances TRAIL-induced apoptosis through activation of a caspase cascade. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 2970-2976.	4.1	41
59	Rakicidin D, an inhibitor of tumor cell invasion from marine-derived <i>Streptomyces</i> sp.. <i>Journal of Antibiotics</i> , 2010, 63, 563-565.	2.0	41
60	Transient Suppression of Ligand-mediated Activation of Epidermal Growth Factor Receptor by Tumor Necrosis Factor- $\alpha$ through the TAK1-p38 Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2007, 282, 12698-12706.	3.4	40
61	5-Substituted pyrido[2,3-d]pyrimidine, an inhibitor against three receptor tyrosine kinases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 745-750.	2.2	40
62	Modulation of Activation-induced Cytidine Deaminase by Curcumin in <i>Helicobacter pylori</i> -infected Gastric Epithelial Cells. <i>Helicobacter</i> , 2009, 14, 588-595.	3.5	40
63	Chemokine CXCL16 suppresses liver metastasis of colorectal cancer via augmentation of tumor-infiltrating natural killer T cells in a murine model. <i>Oncology Reports</i> , 2013, 29, 975-982.	2.6	40
64	Mesenchymal transitioned cancer cells instigate the invasion of epithelial cancer cells through secretion of WNT3 and WNT5B. <i>Cancer Science</i> , 2014, 105, 281-289.	3.9	38
65	Survivin suppression through STAT3/ $\beta$ -catenin is essential for resveratrol-induced melanoma apoptosis. <i>International Journal of Oncology</i> , 2014, 45, 895-901.	3.3	37
66	Analysis of Chemical Properties of Edible and Medicinal Ginger by Metabolomics Approach. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	37
67	Procyanidin C1 from <i>Cinnamomi Cortex</i> inhibits TGF- $\beta$ -induced epithelial-to-mesenchymal transition in the A549 lung cancer cell line. <i>International Journal of Oncology</i> , 2013, 43, 1901-1906.	3.3	36
68	Juzentaihoto, a Kampo medicine, enhances IL-12 production by modulating Toll-like receptor 4 signaling pathways in murine peritoneal exudate macrophages. <i>International Immunopharmacology</i> , 2005, 5, 871-882.	3.8	35
69	Critical contribution of MCL-1 in EMT-associated chemo-resistance in A549 non-small cell lung cancer. <i>International Journal of Oncology</i> , 2015, 46, 1844-1848.	3.3	35
70	Antiviral activities of <i>Schizonepeta tenuifolia</i> Briq. against enterovirus 71 in vitro and in vivo. <i>Scientific Reports</i> , 2017, 7, 935.	3.3	34
71	Vanillin enhances TRAIL-induced apoptosis in cancer cells through inhibition of NF- $\kappa$ B activation. <i>In Vivo</i> , 2010, 24, 501-6.	1.3	34
72	Curcumin inhibits the formation of capillary-like tubes by rat lymphatic endothelial cells. <i>Cancer Letters</i> , 2007, 251, 288-295.	7.2	31

#	ARTICLE	IF	CITATIONS
73	Novel inhibitor for fibroblast growth factor receptor tyrosine kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 4812-4818.	2.2	31
74	SOX10 Regulates Melanoma Immunogenicity through an IRF4-IRF1 Axis. <i>Cancer Research</i> , 2021, 81, 6131-6141.	0.9	31
75	Stimulation of cultured colon 26 cells with TNF- $\alpha$ promotes lung metastasis through the extracellular signal-regulated kinase pathway. <i>Cancer Letters</i> , 2005, 230, 47-56.	7.2	30
76	A ginseng saponin metabolite suppresses tumor necrosis factor- $\alpha$ -promoted metastasis by suppressing nuclear factor- $\kappa$ B signaling in murine colon cancer cells. <i>Oncology Reports</i> , 0, , .	2.6	30
77	Cochinin B, a Novel Ribosome-Inactivating Protein from the Seeds of <i>Momordica cochinchinensis</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 428-432.	1.4	29
78	Selective inhibition of TNF- $\alpha$ -induced activation of mitogen-activated protein kinases and metastatic activities by gefitinib. <i>British Journal of Cancer</i> , 2005, 92, 1690-1695.	6.4	28
79	Human T Cell Lymphotropic Virus 1 Manipulates Interferon Regulatory Signals by Controlling the TAK1-IRF3 and IRF4 Pathways. <i>Journal of Biological Chemistry</i> , 2010, 285, 4441-4446.	3.4	28
80	Inverse correlation between $\langle \text{sc} \rangle T \langle / \text{sc} \rangle$ and constitutive tyrosine phosphorylation in the asymmetric epidermal growth factor receptor dimer conformation. <i>Cancer Science</i> , 2013, 104, 1315-1322.	3.9	28
81	Anti-invasive and anti-angiogenic activities of naturally occurring dibenzodiazepine BU-4664L and its derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 963-965.	2.2	27
82	Activation of NF- $\kappa$ B Is a Novel Target of KRAS-Induced Endometrial Carcinogenesis. <i>Clinical Cancer Research</i> , 2011, 17, 1341-1350.	7.0	27
83	Anti-enterovirus 71 activities of <i>Melissa officinalis</i> extract and its biologically active constituent rosmarinic acid. <i>Scientific Reports</i> , 2017, 7, 12264.	3.3	27
84	A Derivative of Aminopeptidase Inhibitor (BE15) Has a Dual Inhibitory Effect of Invasion and Motility on Tumor and Endothelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 709-712.	1.4	26
85	Constitutive Activation of TAK1 by HTLV-1 Tax-dependent Overexpression of TAB2 Induces Activation of JNK-ATF2 but Not IKK-NF- $\kappa$ B. <i>Journal of Biological Chemistry</i> , 2007, 282, 25177-25181.	3.4	26
86	RANKL-induced down-regulation of CX3CR1 via PI3K/Akt signaling pathway suppresses Fractalkine/CX3CL1-induced cellular responses in RAW264.7 cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 417-422.	2.1	26
87	Inhibition of p38 mitogen-activated protein kinase potentiates the apoptotic effect of berberine/tumor necrosis factor-related apoptosis-inducing ligand combination therapy. <i>Oncology Letters</i> , 2015, 10, 1907-1911.	1.8	25
88	Alternative splicing and gene structure of the transforming growth factor $\beta$ -activated kinase 1. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1517, 46-52.	2.4	24
89	Cross interference with TNF- $\alpha$ -induced TAK1 activation via EGFR-mediated p38 phosphorylation of TAK1-binding protein 1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1156-1164.	4.1	24
90	Distinct Roles of Transforming Growth Factor- $\beta$ -activated Kinase 1 (TAK1)-c-Rel and Interferon Regulatory Factor 4 (IRF4) Pathways in Human T Cell Lymphotropic Virus 1-transformed T helper 17 Cells Producing Interleukin-9. <i>Journal of Biological Chemistry</i> , 2011, 286, 21092-21099.	3.4	24

#	ARTICLE	IF	CITATIONS
91	Cell to Cell Interaction between Mesangial Cells and Macrophages Induces the Expression of Monocyte Chemoattractant Protein-1 through Nuclear Factor- $\kappa$ B Activation. <i>Biochemical and Biophysical Research Communications</i> , 2000, 269, 309-316.	2.1	23
92	Synthesis and evaluation of myxochelin analogues as antimetastatic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2724-2732.	3.0	23
93	Epoxyquinol B, a Naturally Occurring Pentaketide Dimer, Inhibits NF- $\kappa$ B Signaling by Crosslinking TAK1. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 1894-1900.	1.3	22
94	Identification and Functional Characterization of Novel Phosphorylation Sites in TAK1-Binding Protein (TAB) 1. <i>PLoS ONE</i> , 2011, 6, e29256.	2.5	21
95	Feedback control of ErbB2 via ERK-mediated phosphorylation of a conserved threonine in the juxtamembrane domain. <i>Scientific Reports</i> , 2016, 6, 31502.	3.3	21
96	Pharmaceutical evaluation of liquorice before and after roasting in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 56, 589-595.	2.4	20
97	A Novel Rabbit Immunospot Array Assay on a Chip Allows for the Rapid Generation of Rabbit Monoclonal Antibodies with High Affinity. <i>PLoS ONE</i> , 2012, 7, e52383.	2.5	20
98	Synthesis and Biological Evaluation of Macrosphelide Cores. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3973-3978.	2.4	19
99	Gomisin N enhances TNF- $\alpha$ -induced apoptosis via inhibition of the NF- $\kappa$ B and EGFR survival pathways. <i>Molecular and Cellular Biochemistry</i> , 2011, 350, 169-175.	3.1	19
100	The Long-Term Effects of a Kampo Medicine, Juzentaihoto, on Maintenance of Antibody Titer in Elderly People after Influenza Vaccination. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	1.2	19
101	Mechanism of p38 MAPK-induced EGFR endocytosis and its crosstalk with ligand-induced pathways. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	19
102	Additive Induction of Egr-1 (zif/268) mRNA Expression in Neuroblastoma $\frac{1}{2}$ Glioma Hybrid NG108-15 Cells via Cholinergic Muscarinic, $\beta$ 2-Adrenergic, and Bradykinin Receptors. <i>Journal of Neurochemistry</i> , 1993, 60, 902-907.	3.9	18
103	Gomisin A Enhances Tumor Necrosis Factor- $\alpha$ -Induced G1 Cell Cycle Arrest & via Signal Transducer and Activator of Transcription 1-Mediated Phosphorylation of Retinoblastoma Protein. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1997-2003.	1.4	18
104	Bufotalin sensitizes death receptor-induced apoptosis via Bid- and STAT1-dependent pathways. <i>International Journal of Oncology</i> , 2012, 40, 203-8.	3.3	17
105	Absolute configuration of pterocidin, a potent inhibitor of tumor cell invasion from a marine-derived <i>Streptomyces</i> . <i>Tetrahedron Letters</i> , 2012, 53, 654-656.	1.4	17
106	Antitumor immune activity by chemokine CX3CL1 in an orthotopic implantation of lung cancer model in vivo. <i>Molecular and Clinical Oncology</i> , 2013, 1, 35-40.	1.0	17
107	Involvement of Protein Kinase C in Ca <sup>2+</sup> -Signaling Pathways to Activation of AP-1 DNA-Binding Activity Evoked via NMDA- and Voltage-Gated Ca <sup>2+</sup> Channels. <i>Journal of Neurochemistry</i> , 2002, 65, 605-614.	3.9	16
108	CCL21 promotes the migration and adhesion of highly lymph node metastatic human non-small cell lung cancer Lu-99 in vitro. <i>Oncology Reports</i> , 2007, , .	2.6	16

#	ARTICLE	IF	CITATIONS
109	An F-box protein, FBXW5, negatively regulates TAK1 MAP3K in the IL-1 $\beta$ signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2009, 381, 412-417.	2.1	16
110	Massive T-Lymphocyte Infiltration into the Host Stroma Is Essential for Fibroblast Growth Factor-2-Promoted Growth and Metastasis of Mammary Tumors via Neovascular Stability. <i>American Journal of Pathology</i> , 2009, 174, 671-683.	3.8	16
111	Role of chemokine CX3CL1 in progression of multiple myeloma via CX3CR1 in bone microenvironments. <i>Oncology Reports</i> , 2015, 33, 2935-2939.	2.6	15
112	P38 pathway as a key downstream signal of connective tissue growth factor to regulate metastatic potential in non-small cell lung cancer. <i>Cancer Science</i> , 2016, 107, 1416-1421.	3.9	15
113	Identification of a predictive biomarker for the beneficial effect of a Kampo (Japanese traditional) medicine keishibukuryogan in rheumatoid arthritis patients. <i>Clinical Biochemistry</i> , 2007, 40, 1113-1121.	1.9	14
114	Tuning of Protein Kinase Circuitry by p38 $\beta$ Is Vital for Epithelial Tissue Homeostasis. <i>Journal of Biological Chemistry</i> , 2013, 288, 23788-23797.	3.4	14
115	p38 $\beta$ -Mediated phosphorylation of Eps15 endocytic adaptor protein. <i>FEBS Letters</i> , 2014, 588, 131-137.	2.8	14
116	Immune adjuvant effect of Juzentaihoto, a Japanese traditional herbal medicine, on tumor vaccine therapy in a mouse model. <i>International Journal of Oncology</i> , 2015, 47, 2115-2122.	3.3	14
117	Role of tyrosine kinase-independent phosphorylation of EGFR with activating mutation in cisplatin-treated lung cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 856-861.	2.1	14
118	Novel epidermal growth factor receptor pathway mediates release of human $\beta$ -defensin 3 from <i>Helicobacter pylori</i> -infected gastric epithelial cells. <i>Pathogens and Disease</i> , 2016, 74, ftt128.	2.0	14
119	Urinary trypsin inhibitor suppresses surgical stress-facilitated lung metastasis of murine colon 26-L5 carcinoma cells. <i>Anticancer Research</i> , 2005, 25, 815-20.	1.1	14
120	Telomerase upregulates expression levels of interleukin (IL)-1 $\alpha$ , IL-1 $\beta$ , IL-6, IL-8, and granulocyte-macrophage colony-stimulating factor in normal human fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 150-154.	2.1	13
121	Expression Patterns of Plasma Proteins in Spontaneously Diabetic Rats after Oral Administration of a Kampo Medicine, Hachimi-jio-gan, Using SELDI ProteinChip Platform. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1031-1037.	1.4	13
122	Proteomic identification of haptoglobin as a stroke plasma biomarker in spontaneously hypertensive stroke-prone rats. <i>Life Sciences</i> , 2008, 83, 625-631.	4.3	13
123	Iodine-Catalyzed Etherification of Morroniside. <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 112-115.	1.3	13
124	Synthesis and antitumor activity of des-AB analogue of steroidal saponin OSW-1. <i>Tetrahedron</i> , 2013, 69, 8019-8024.	1.9	13
125	Inhibitory effect of Moutan Cortex aqueous fraction on mast cell-mediated allergic inflammation. <i>Journal of Natural Medicines</i> , 2015, 69, 209-217.	2.3	13
126	Targeting PSMD14 inhibits melanoma growth through SMAD3 stabilization. <i>Scientific Reports</i> , 2020, 10, 19214.	3.3	13



#	ARTICLE	IF	CITATIONS
127	E2 Polyubiquitin-conjugating Enzyme Ubc13 in Keratinocytes Is Essential for Epidermal Integrity. <i>Journal of Biological Chemistry</i> , 2010, 285, 30042-30049.	3.4	12
128	Bardoxolone-methyl inhibits migration and metabolism in MCF7 cells. <i>Free Radical Research</i> , 2017, 51, 211-221.	3.3	12
129	COP9 signalosome subunit 5 regulates cancer metastasis by deubiquitinating SNAIL. <i>Oncotarget</i> , 2018, 9, 20670-20680.	1.8	11
130	New trend in ligand-induced EGFR trafficking: A dual-mode clathrin-mediated endocytosis model. <i>Journal of Proteomics</i> , 2022, 255, 104503.	2.4	11
131	Effect of Hachimijiogan against Renal Dysfunction and Involvement of Hypoxia-Inducible Factor-1 $\alpha$ in the Remnant Kidney Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-9.	1.2	10
132	Catechoserine, a new catecholate-type inhibitor of tumor cell invasion from <i>Streptomyces</i> sp.. <i>Journal of Antibiotics</i> , 2012, 65, 207-209.	2.0	10
133	<i>Helicobacter pylori</i> Induces Serine Phosphorylation of EGFR via Novel TAK1 $\alpha$ -p38 Activation Pathway in an HB $\alpha$ -EGF $\alpha$ -Independent Manner. <i>Helicobacter</i> , 2015, 20, 381-389.	3.5	10
134	Cisplatin $\alpha$ -induced non $\alpha$ -canonical endocytosis of EGFR via p38 phosphorylation of the C $\alpha$ -terminal region containing Ser $\alpha$ -1015 in non $\alpha$ -small cell lung cancer cells. <i>Oncology Letters</i> , 2018, 15, 9251-9256.	1.8	10
135	Rational Combination Therapy for Melanoma with Dinaciclib by Targeting BAK-Dependent Cell Death. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 627-636.	4.1	10
136	Enzymatic and biochemical properties of a novel human serine dehydratase isoform. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 961-971.	2.3	9
137	Calpain 1 and -2 play opposite roles in cord formation of lymphatic endothelial cells via eNOS regulation. <i>Human Cell</i> , 2012, 25, 36-44.	2.7	9
138	Enhancement of hyperthermia-induced apoptosis by 5Z-7-oxozeaenol, a TAK1 inhibitor, in Molt-4 cells. <i>International Journal of Hyperthermia</i> , 2017, 33, 411-418.	2.5	9
139	Identification of TNF- $\alpha$ -responsive NF- $\kappa$ B p65-binding element in the distal promoter of the mouse serine protease inhibitor SerpinE2. <i>FEBS Letters</i> , 2006, 580, 3257-3262.	2.8	8
140	Inducible Capillary Formation in Lymphatic Endothelial Cells by Blocking Lipid Phosphate Phosphatase-3 Activity. <i>Lymphatic Research and Biology</i> , 2009, 7, 69-74.	1.1	8
141	eNOS and Hsp90 Interaction Directly Correlates with Cord Formation in Human Lymphatic Endothelial Cells. <i>Lymphatic Research and Biology</i> , 2011, 9, 53-59.	1.1	8
142	TGF- $\beta$ -2-Activated Kinase 1 Promotes Cell Cycle Arrest and Cell Survival of X-Ray Irradiated HeLa Cells Dependent on p21 Induction but Independent of NF- $\kappa$ B, p38 MAPK and ERK Phosphorylations. <i>Radiation Research</i> , 2012, 177, 766.	1.5	8
143	Therapeutics target of CXCR4 and its downstream in peritoneal carcinomatosis of gastric cancer. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 269.	2.1	8
144	A Phagocytotic Inducer from Herbal Constituent, Pentagalloylglucose Enhances Lipoplex-Mediated Gene Transfection in Dendritic Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1878-1885.	1.4	7

#	ARTICLE	IF	CITATIONS
145	Gomisin N enhances TRAIL-induced apoptosis via reactive oxygen species-mediated up-regulation of death receptors 4 and 5. <i>International Journal of Oncology</i> , 2011, 40, 1058-65.	3.3	7
146	Enhancement of hyperthermia-induced apoptosis by 5Z-7-oxozeaenol, a TAK1 inhibitor, in A549 cells. <i>Cell Stress and Chaperones</i> , 2016, 21, 873-881.	2.9	7
147	Discovery of a sugar-based nanoparticle universally existing in boiling herbal water extracts and their immunostimulant effect. <i>Biochemistry and Biophysics Reports</i> , 2018, 16, 62-68.	1.3	7
148	Developmentally and regionally regulated alterations of octamer- and GC-box-binding activities during the postnatal development of mouse cerebellum. <i>Developmental Brain Research</i> , 1991, 61, 161-168.	1.7	6
149	TAC-101 inhibits intrahepatic metastasis of orthotopically implanted murine hepatocellular carcinoma. <i>Cancer Letters</i> , 2003, 198, 169-177.	7.2	6
150	MAPK regulation and caspase activation are required in DMNQ S-52 induced apoptosis in Lewis lung carcinoma cells. <i>Cancer Letters</i> , 2006, 233, 57-67.	7.2	6
151	Synthetic E-guggulsterone derivative GSD-1 inhibits NF- $\kappa$ B signaling and suppresses the metastatic potential of breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111737.	5.6	6
152	Negative feedback regulation of ErbB4 tyrosine kinase activity by ERK-mediated non-canonical phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 456-461.	2.1	5
153	Anti-tumor effect of combining CC chemokine 22 and an anti-CD25 antibody on myeloma cells implanted subcutaneously into mice. <i>Molecular Medicine Reports</i> , 2009, 2, 773-7.	2.4	4
154	Cytotoxic Cardiac Glycosides from the Roots of <i>Streptocaulon juvenas</i> . <i>Planta Medica</i> , 2013, 79, 157-162.	1.3	4
155	TAK1 promotes cell survival by TNFAIP3 and IL-8 dependent and NF- $\kappa$ B independent pathway in HeLa cells exposed to heat stress. <i>International Journal of Hyperthermia</i> , 2013, 29, 688-695.	2.5	4
156	Frequent downregulation of <sc>BTB</sc> and <sc>CNC</sc> homology 2 expression in Epstein-Barr virus-positive diffuse large B-cell lymphoma. <i>Cancer Science</i> , 2017, 108, 1071-1079.	3.9	4
157	Retrospective screening of microarray data to identify candidate IFN-inducible genes in a HTLV-1 transformed model. <i>Oncology Letters</i> , 2018, 15, 4753-4758.	1.8	4
158	ERK-mediated negative feedback regulation of oncogenic EGFRvIII in glioblastoma cells. <i>Oncology Letters</i> , 2020, 20, 2477-2482.	1.8	4
159	Temozolomide Induces Endocytosis of EGFRvIII & via p38-Mediated Non-canonical Phosphorylation in Glioblastoma Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1681-1687.	1.4	4
160	TAK1-mediated transcriptional activation of CD28-responsive element and AP-1-binding site within the IL-2 promoter in Jurkat T cells. <i>FEBS Letters</i> , 2005, 579, 6641-6646.	2.8	3
161	Ethanol extract of <i>Thevetia peruviana</i> flowers enhances TNF- $\alpha$ and TRAIL-induced apoptosis of human cervical cancer cells via intrinsic and extrinsic pathways. <i>Oncology Letters</i> , 2017, 13, 2791-2798.	1.8	3
162	Mechanisms for DNA-damaging agent-induced inactivation of ErbB2 and ErbB3 via the ERK and p38 signaling pathways. <i>Oncology Letters</i> , 2018, 15, 1758-1762.	1.8	2

#	ARTICLE	IF	CITATIONS
163	RSK-Mediated Non-canonical Activation of EphA2 by Tamoxifen. Biological and Pharmaceutical Bulletin, 2022, 45, 162-168.	1.4	2
164	Synchronous intracellular delivery of EGFR-targeted antibody-drug conjugates by p38-mediated non-canonical endocytosis. Scientific Reports, 2022, 12, .	3.3	2
165	Herbal plant-derived compound, 1,2,3,4,6-penta-O-galloyl- $\beta$ -D-glucose, increases cross-presentation by dendritic cells. Traditional & Kampo Medicine, 2015, 2, 43-49.	0.6	1
166	The serum amyloid A3 promoter-driven luciferase reporter mice is a valuable tool to image early renal fibrosis development and shows the therapeutic effect of glucosyl-hesperidin treatment. Scientific Reports, 2019, 9, 14101.	3.3	1
167	A Newly Devised Formulation for Self-Medication Enhances Interferon- $\gamma$ Production and Proliferation of Splenic Lymphocytes. Biological and Pharmaceutical Bulletin, 2005, 28, 1869-1872.	1.4	0
168	A new mechanism of EGFR activation identified by Phos-tag band shift analysis. Denki Eido, 2020, 64, 45-48.	0.0	0