

# Cun-Yu Wang

## List of Publications by Year in descending order

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144  
papers

28,646  
citations

9254

74  
h-index

7736

150  
g-index

154  
all docs

154  
docs citations

154  
times ranked

36777  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ER $\alpha$ /KDM6B regulatory axis modulates osteogenic differentiation in human mesenchymal stem cells. <i>Bone Research</i> , 2022, 10, 3.	5.4	12
2	Osteoporosis and periodontal diseases – An update on their association and mechanistic links. <i>Periodontology 2000</i> , 2022, 89, 99-113.	6.3	79
3	Loss of KDM4B impairs osteogenic differentiation of OMSCs and promotes oral bone aging. <i>International Journal of Oral Science</i> , 2022, 14, 24.	3.6	6
4	Epigenetic Regulation of NGF-Mediated Osteogenic Differentiation in Human Dental Mesenchymal Stem Cells. <i>Stem Cells</i> , 2022, 40, 818-830.	1.4	6
5	Functional regeneration and repair of tendons using biomimetic scaffolds loaded with recombinant periostin. <i>Nature Communications</i> , 2021, 12, 1293.	5.8	66
6	circFAT1 Promotes Cancer Stemness and Immune Evasion by Promoting STAT3 Activation. <i>Advanced Science</i> , 2021, 8, 2003376.	5.6	63
7	Targeting KDM4A epigenetically activates tumor-cell-intrinsic immunity by inducing DNA replication stress. <i>Molecular Cell</i> , 2021, 81, 2148-2165.e9.	4.5	30
8	Transcriptional super-enhancers control cancer stemness and metastasis genes in squamous cell carcinoma. <i>Nature Communications</i> , 2021, 12, 3974.	5.8	49
9	Loss of KDM4B exacerbates bone-fat imbalance and mesenchymal stromal cell exhaustion in skeletal aging. <i>Cell Stem Cell</i> , 2021, 28, 1057-1073.e7.	5.2	77
10	Generation of a squamous cell carcinoma mouse model for lineage tracing of BMI1+ cancer stem cells. <i>STAR Protocols</i> , 2021, 2, 100484.	0.5	4
11	Whitlockite-Enabled Hydrogel for Craniofacial Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 35342-35355.	4.0	13
12	Tumor microenvironment and immune evasion in head and neck squamous cell carcinoma. <i>International Journal of Oral Science</i> , 2021, 13, 24.	3.6	107
13	CD276 expression enables squamous cell carcinoma stem cells to evade immune surveillance. <i>Cell Stem Cell</i> , 2021, 28, 1597-1613.e7.	5.2	127
14	From bulk, single-cell to spatial RNA sequencing. <i>International Journal of Oral Science</i> , 2021, 13, 36.	3.6	134
15	PAK4 inhibition improves PD-1 blockade immunotherapy. <i>Nature Cancer</i> , 2020, 1, 46-58.	5.7	85
16	Induction of AP-1 by YAP/TAZ contributes to cell proliferation and organ growth. <i>Genes and Development</i> , 2020, 34, 72-86.	2.7	68
17	Recent advancements in PARP inhibitors-based targeted cancer therapy. <i>Precision Clinical Medicine</i> , 2020, 3, 187-201.	1.3	26
18	BMI1 Inhibition Eliminates Residual Cancer Stem Cells after PD1 Blockade and Activates Antitumor Immunity to Prevent Metastasis and Relapse. <i>Cell Stem Cell</i> , 2020, 27, 238-253.e6.	5.2	87

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19	Growth differentiation factor 6, a repressive target of EZH2, promotes the commitment of human embryonic stem cells to mesenchymal stem cells. <i>Bone Research</i> , 2020, 8, 39.	5.4	5
20	Wnt1 inhibits vascular smooth muscle cell calcification by promoting ANKH expression. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 135, 10-21.	0.9	18
21	Periodontitis-induced systemic inflammation exacerbates atherosclerosis partly via endothelialâ€“mesenchymal transition in mice. <i>International Journal of Oral Science</i> , 2019, 11, 21.	3.6	52
22	Targeting cancer stem cells in squamous cell carcinoma. <i>Precision Clinical Medicine</i> , 2019, 2, 152-165.	1.3	67
23	A Biomimetic Hierarchical Nanointerface Orchestrates Macrophage Polarization and Mesenchymal Stem Cell Recruitment To Promote Endogenous Bone Regeneration. <i>ACS Nano</i> , 2019, 13, 6581-6595.	7.3	230
24	Beclin1 Modulates Bone Homeostasis by Regulating Osteoclast and Chondrocyte Differentiation. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1753-1766.	3.1	63
25	KDM4B protects against obesity and metabolic dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5566-E5575.	3.3	47
26	PGC-1 $\beta$ Controls Skeletal Stem Cell Fate and Bone-Fat Balance in Osteoporosis and Skeletal Aging by Inducing TAZ. <i>Cell Stem Cell</i> , 2018, 23, 193-209.e5.	5.2	108
27	Grainyhead-like 2 (GRHL2) knockout abolishes oral cancer development through reciprocal regulation of the MAP kinase and TGF- $\beta$ 2 signaling pathways. <i>Oncogenesis</i> , 2018, 7, 38.	2.1	21
28	RAP2 mediates mechanoresponses of the Hippo pathway. <i>Nature</i> , 2018, 560, 655-660.	13.7	266
29	Targeting BMI1 + Cancer Stem Cells Overcomes Chemoresistance and Inhibits Metastases in Squamous Cell Carcinoma. <i>Cell Stem Cell</i> , 2017, 20, 621-634.e6.	5.2	201
30	KDM3 epigenetically controls tumorigenic potentials of human colorectal cancer stem cells through Wnt/ $\beta$ -catenin signalling. <i>Nature Communications</i> , 2017, 8, 15146.	5.8	93
31	AFF1 and AFF4 differentially regulate the osteogenic differentiation of human MSCs. <i>Bone Research</i> , 2017, 5, 17044.	5.4	29
32	Inhibition of EZH2 Promotes Human Embryonic Stem Cell Differentiation into Mesoderm by Reducing H3K27me3. <i>Stem Cell Reports</i> , 2017, 9, 752-761.	2.3	36
33	Reducing posttreatment relapse in cleft lip palatal expansion using an injectable estrogenâ€“nanodiamond hydrogel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7218-E7225.	3.3	20
34	Epigenetic gene regulation by histone demethylases: emerging role in oncogenesis and inflammation. <i>Oral Diseases</i> , 2017, 23, 709-720.	1.5	40
35	3LPS-binding protein and its interactions with <i>P. gingivalis</i> LPS modulate pro-inflammatory response and Toll-like receptor signaling in human oral keratinocytes. <i>PLoS ONE</i> , 2017, 12, e0173223.	1.1	20
36	A novel read-through transcript JMJD7-PLA2G4B regulates head and neck squamous cell carcinoma cell proliferation and survival. <i>Oncotarget</i> , 2017, 8, 1972-1982.	0.8	28

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37	Transforming Growth Factor- $\beta$ -Induced KDM4B Promotes Chondrogenic Differentiation of Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2016, 34, 711-719.	1.4	52
38	Molecular Signaling in Oral Cancer Invasion and Metastasis. , 2016, , 71-99.		1
39	Simultaneous profiling of transcriptome and DNA methylome from a single cell. <i>Genome Biology</i> , 2016, 17, 88.	3.8	235
40	Reversible Regulation of Promoter and Enhancer Histone Landscape by DNA Methylation in Mouse Embryonic Stem Cells. <i>Cell Reports</i> , 2016, 17, 289-302.	2.9	92
41	Alcohol-induced suppression of KDM6B dysregulates the mineralization potential in dental pulp stem cells. <i>Stem Cell Research</i> , 2016, 17, 111-121.	0.3	39
42	Inhibition of HDAC6 Protein Enhances Bortezomib-induced Apoptosis in Head and Neck Squamous Cell Carcinoma (HNSCC) by Reducing Autophagy. <i>Journal of Biological Chemistry</i> , 2016, 291, 18199-18209.	1.6	31
43	Heterogeneous <i>Porphyromonas gingivalis</i> LPS modulates immuno-inflammatory response, antioxidant defense and cytoskeletal dynamics in human gingival fibroblasts. <i>Scientific Reports</i> , 2016, 6, 29829.	1.6	28
44	Osteoporosis: The Result of an "Aged" Bone Microenvironment. <i>Trends in Molecular Medicine</i> , 2016, 22, 641-644.	3.5	92
45	Inhibition of IKK/NF- $\kappa$ B Signaling Enhances Differentiation of Mesenchymal Stromal Cells from Human Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2016, 6, 456-465.	2.3	47
46	NF- $\kappa$ B Has a Direct Role in Inhibiting Bmp- and Wnt-Induced Matrix Protein Expression. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 52-64.	3.1	33
47	Enhanced Osteogenesis of Adipose-Derived Stem Cells by Regulating Bone Morphogenetic Protein Signaling Antagonists and Agonists. <i>Stem Cells Translational Medicine</i> , 2016, 5, 539-551.	1.6	39
48	Real-time-guided bone regeneration around standardized critical size calvarial defects using bone marrow-derived mesenchymal stem cells and collagen membrane with and without using tricalcium phosphate: an in vivo micro-computed tomographic and histologic experiment in rats. <i>International Journal of Oral Science</i> , 2016, 8, 7-15.	3.6	24
49	Whole Exome Sequencing Identifies Frequent Somatic Mutations in Cell-Cell Adhesion Genes in Chinese Patients with Lung Squamous Cell Carcinoma. <i>Scientific Reports</i> , 2015, 5, 14237.	1.6	51
50	Osteoblast Lineage Cells Play an Essential Role in Periodontal Bone Loss Through Activation of Nuclear Factor-Kappa B. <i>Scientific Reports</i> , 2015, 5, 16694.	1.6	63
51	Histone methyltransferases and demethylases: regulators in balancing osteogenic and adipogenic differentiation of mesenchymal stem cells. <i>International Journal of Oral Science</i> , 2015, 7, 197-204.	3.6	70
52	Single CD271 marker isolates mesenchymal stem cells from human dental pulp. <i>International Journal of Oral Science</i> , 2015, 7, 205-212.	3.6	49
53	Characterization of the osteogenic potential of mesenchymal stem cells from human periodontal ligament based on cell surface markers. <i>International Journal of Oral Science</i> , 2015, 7, 213-219.	3.6	58
54	Alternative Wnt Signaling Activates YAP/TAZ. <i>Cell</i> , 2015, 162, 780-794.	13.5	528

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55	YAP-mediated induction of monoacylglycerol lipase restrains oncogenic transformation. <i>Cellular Signalling</i> , 2015, 27, 836-840.	1.7	1
56	Nanodiamonds Gutta Percha Composite Biomaterials for Root Canal Therapy. <i>ACS Nano</i> , 2015, 9, 11490-11501.	7.3	128
57	Single Amino Acid Change in STING Leads to Constitutive Active Signaling. <i>PLoS ONE</i> , 2015, 10, e0120090.	1.1	23
58	Selective demethylation and altered gene expression are associated with ICF syndrome in human-induced pluripotent stem cells and mesenchymal stem cells. <i>Human Molecular Genetics</i> , 2014, 23, 6448-6457.	1.4	26
59	The clinical effectiveness of reflectance optical spectroscopy for the in vivo diagnosis of oral lesions. <i>International Journal of Oral Science</i> , 2014, 6, 162-167.	3.6	25
60	Kaposi's Sarcoma-Associated Herpesvirus ORF18 and ORF30 Are Essential for Late Gene Expression during Lytic Replication. <i>Journal of Virology</i> , 2014, 88, 11369-11382.	1.5	40
61	Wnt4 signaling prevents skeletal aging and inflammation by inhibiting nuclear factor- $\kappa$ B. <i>Nature Medicine</i> , 2014, 20, 1009-1017.	15.2	175
62	Mutant Gq/11 Promote Uveal Melanoma Tumorigenesis by Activating YAP. <i>Cancer Cell</i> , 2014, 25, 822-830.	7.7	391
63	LATS2 Suppresses Oncogenic Wnt Signaling by Disrupting $\beta$ -Catenin/BCL9 Interaction. <i>Cell Reports</i> , 2013, 5, 1650-1663.	2.9	69
64	NF- $\kappa$ B inhibits osteogenic differentiation of mesenchymal stem cells by promoting $\beta$ -catenin degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9469-9474.	3.3	263
65	The meaning, the sense and the significance: translating the science of mesenchymal stem cells into medicine. <i>Nature Medicine</i> , 2013, 19, 35-42.	15.2	1,032
66	Epigenetic Activation of AP1 Promotes Squamous Cell Carcinoma Metastasis. <i>Science Signaling</i> , 2013, 6, ra28.1-13, S0-15.	1.6	91
67	<i>Porphyromonas gingivalis</i> LPS stimulates the expression of LPS-binding protein in human oral keratinocytes <i>in vitro</i> . <i>Innate Immunity</i> , 2013, 19, 66-75.	1.1	27
68	Signaling between Transforming Growth Factor $\beta$ 2 (TGF- $\beta$ 2) and Transcription Factor SNAI2 Represses Expression of MicroRNA miR-203 to Promote Epithelial-Mesenchymal Transition and Tumor Metastasis. <i>Journal of Biological Chemistry</i> , 2013, 288, 10241-10253.	1.6	147
69	KDM6B epigenetically regulates odontogenic differentiation of dental mesenchymal stem cells. <i>International Journal of Oral Science</i> , 2013, 5, 200-205.	3.6	67
70	Tetra- and Penta-Acylated Lipid A Structures of <i>Porphyromonas gingivalis</i> LPS Differentially Activate TLR4-Mediated NF- $\kappa$ B Signal Transduction Cascade and Immuno-Inflammatory Response in Human Gingival Fibroblasts. <i>PLoS ONE</i> , 2013, 8, e58496.	1.1	137
71	Activation of nuclear factor-kappa B accelerates vascular calcification by inhibiting ankylosis protein homolog expression. <i>Kidney International</i> , 2012, 82, 34-44.	2.6	127
72	Cell detachment activates the Hippo pathway via cytoskeleton reorganization to induce anoikis. <i>Genes and Development</i> , 2012, 26, 54-68.	2.7	632

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73	Histone Demethylase KDM6B Promotes Epithelial-Mesenchymal Transition. <i>Journal of Biological Chemistry</i> , 2012, 287, 44508-44517.	1.6	145
74	Histone Demethylases KDM4B and KDM6B Promotes Osteogenic Differentiation of Human MSCs. <i>Cell Stem Cell</i> , 2012, 11, 50-61.	5.2	264
75	Baicalin Downregulates <i>Porphyromonas gingivalis</i> Lipopolysaccharide-Upregulated IL-6 and IL-8 Expression in Human Oral Keratinocytes by Negative Regulation of TLR Signaling. <i>PLoS ONE</i> , 2012, 7, e51008.	1.1	54
76	<i>Porphyromonas gingivalis</i> lipopolysaccharide lipid A heterogeneity differentially modulates the expression of IL-6 and IL-8 in human gingival fibroblasts. <i>Journal of Clinical Periodontology</i> , 2011, 38, 694-701.	2.3	70
77	Knockdown of CypA inhibits interleukin-8 (IL-8) and IL-8-mediated proliferation and tumor growth of glioblastoma cells through down-regulated NF- $\kappa$ B. <i>Journal of Neuro-Oncology</i> , 2011, 101, 1-14.	1.4	46
78	I $\kappa$ B kinase $\mu$ and TANK-binding kinase 1 activate AKT by direct phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6474-6479.	3.3	195
79	Transducin $\beta$ -Like Protein 1 Recruits Nuclear Factor $\kappa$ B to the Target Gene Promoter for Transcriptional Activation. <i>Molecular and Cellular Biology</i> , 2011, 31, 924-934.	1.1	25
80	Characterization of Side Populations in HNSCC: Highly Invasive, Chemoresistant and Abnormal Wnt Signaling. <i>PLoS ONE</i> , 2010, 5, e11456.	1.1	135
81	Rap1 Stabilizes $\beta$ -Catenin and Enhances $\beta$ -Catenin-Dependent Transcription and Invasion in Squamous Cell Carcinoma of the Head and Neck. <i>Clinical Cancer Research</i> , 2010, 16, 65-76.	3.2	52
82	A coordinated phosphorylation by Lats and CK1 regulates YAP stability through SCF <sup>TRCP</sup> . <i>Genes and Development</i> , 2010, 24, 72-85.	2.7	1,100
83	Mammalian Mst1 and Mst2 kinases play essential roles in organ size control and tumor suppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1431-1436.	3.3	481
84	Direct Ubiquitination of $\beta$ -Catenin by Siah-1 and Regulation by the Exchange Factor TBL1. <i>Journal of Biological Chemistry</i> , 2010, 285, 13507-13516.	1.6	76
85	PS-341 and Histone Deacetylase Inhibitor Synergistically Induce Apoptosis in Head and Neck Squamous Cell Carcinoma Cells. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1977-1984.	1.9	32
86	Novel functions for NF $\kappa$ B: inhibition of bone formation. <i>Nature Reviews Rheumatology</i> , 2010, 6, 607-611.	3.5	131
87	TRAF5 Is a Downstream Target of MAVS in Antiviral Innate Immune Signaling. <i>PLoS ONE</i> , 2010, 5, e9172.	1.1	70
88	MAVS Self-Association Mediates Antiviral Innate Immune Signaling. <i>Journal of Virology</i> , 2009, 83, 3420-3428.	1.5	121
89	BCOR regulates mesenchymal stem cell function by epigenetic mechanisms. <i>Nature Cell Biology</i> , 2009, 11, 1002-1009.	4.6	231
90	Inhibition of osteoblastic bone formation by nuclear factor- $\kappa$ B. <i>Nature Medicine</i> , 2009, 15, 682-689.	15.2	416

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91	Differential modulation of human $\beta$ -defensins expression in human gingival epithelia by Porphyromonas gingivalis lipopolysaccharide with tetra- and penta-acylated lipid A structures. <i>Innate Immunity</i> , 2009, 15, 325-335.	1.1	43
92	CXCL12/SDF-1 $\alpha$ Activates NF- $\kappa$ B and Promotes Oral Cancer Invasion through the Carma3/Bcl10/Malt1 Complex. <i>International Journal of Oral Science</i> , 2009, 1, 105-118.	3.6	83
93	Relationship of activated extracellular signal-regulated kinase 1/2 with lung metastasis in salivary adenoid cystic carcinoma. <i>Oncology Reports</i> , 2009, 21, 137-43.	1.2	13
94	TBL1 $\alpha$ =TBLR1 and $\beta$ -catenin recruit each other to Wnt target-gene promoter for transcription activation and oncogenesis. <i>Nature Cell Biology</i> , 2008, 10, 160-169.	4.6	171
95	Wnt signaling and skeletal development. <i>Cellular Signalling</i> , 2008, 20, 999-1009.	1.7	139
96	SDF-1 $\alpha$ Promotes Invasion of Head and Neck Squamous Cell Carcinoma by Activating NF- $\kappa$ B*. <i>Journal of Biological Chemistry</i> , 2008, 283, 19888-19894.	1.6	38
97	TEAD mediates YAP-dependent gene induction and growth control. <i>Genes and Development</i> , 2008, 22, 1962-1971.	2.7	1,943
98	Pharmacologic Stem Cell Based Intervention as a New Approach to Osteoporosis Treatment in Rodents. <i>PLoS ONE</i> , 2008, 3, e2615.	1.1	155
99	Bnip3 Mediates the Hypoxia-induced Inhibition on Mammalian Target of Rapamycin by Interacting with Rheb. <i>Journal of Biological Chemistry</i> , 2007, 282, 35803-35813.	1.6	224
100	Noncanonical Wnt-4 Signaling Enhances Bone Regeneration of Mesenchymal Stem Cells in Craniofacial Defects through Activation of p38 MAPK. <i>Journal of Biological Chemistry</i> , 2007, 282, 30938-30948.	1.6	198
101	Regulation of the G2 $\rightarrow$ M cell cycle progression by the ERK5 $\rightarrow$ NF- $\kappa$ B signaling pathway. <i>Journal of Cell Biology</i> , 2007, 177, 253-264.	2.3	106
102	A Glycolytic Mechanism Regulating an Angiogenic Switch in Prostate Cancer. <i>Cancer Research</i> , 2007, 67, 149-159.	0.4	140
103	Siglecg Limits the Size of B1a B Cell Lineage by Down-Regulating NF- $\kappa$ B Activation. <i>PLoS ONE</i> , 2007, 2, e997.	1.1	50
104	NF- $\kappa$ B in breast cancer cells promotes osteolytic bone metastasis by inducing osteoclastogenesis via GM-CSF. <i>Nature Medicine</i> , 2007, 13, 62-69.	15.2	296
105	TSC2 Integrates Wnt and Energy Signals via a Coordinated Phosphorylation by AMPK and GSK3 to Regulate Cell Growth. <i>Cell</i> , 2006, 126, 955-968.	13.5	1,183
106	Wnt/ $\beta$ -catenin signaling inhibits death receptor-mediated apoptosis and promotes invasive growth of HNSCC. <i>Cellular Signalling</i> , 2006, 18, 679-687.	1.7	94
107	IKK $\alpha$ stabilizes cytosolic $\beta$ -catenin by inhibiting both canonical and non-canonical degradation pathways. <i>Cellular Signalling</i> , 2006, 18, 1941-1946.	1.7	37
108	Notch signaling in the regulation of tumor angiogenesis. <i>Trends in Cell Biology</i> , 2006, 16, 293-300.	3.6	112

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109	Proteasome inhibitor induces apoptosis through induction of endoplasmic reticulum stress. <i>Cancer Biology and Therapy</i> , 2006, 5, 745-748.	1.5	100
110	Proteasome Inhibitor PS-341 Induces Apoptosis in Cisplatin-resistant Squamous Cell Carcinoma Cells by Induction of Noxa. <i>Journal of Biological Chemistry</i> , 2006, 281, 31440-31447.	1.6	111
111	A Dominant Function of IKK/NF- $\kappa$ B Signaling in Global Lipopolysaccharide-induced Gene Expression. <i>Journal of Biological Chemistry</i> , 2006, 281, 31142-31151.	1.6	57
112	Mesenchymal Stem Cell-Mediated Functional Tooth Regeneration in Swine. <i>PLoS ONE</i> , 2006, 1, e79.	1.1	1,060
113	Proteasome Inhibitor PS-341 Induces Apoptosis in Cisplatin-resistant Squamous Cell Carcinoma Cells by Induction of Noxa. <i>Journal of Biological Chemistry</i> , 2006, 281, 31440-31447.	1.6	31
114	Clusterin inhibits apoptosis by interacting with activated Bax. <i>Nature Cell Biology</i> , 2005, 7, 909-915.	4.6	418
115	Crosstalk between tumor and endothelial cells promotes tumor angiogenesis by MAPK activation of Notch signaling. <i>Cancer Cell</i> , 2005, 8, 13-23.	7.7	338
116	Bcl-2 Acts in a Proangiogenic Signaling Pathway through Nuclear Factor- $\kappa$ B and CXC Chemokines. <i>Cancer Research</i> , 2005, 65, 5063-5069.	0.4	101
117	Proteasome Inhibitor PS-341 Induces Apoptosis through Induction of Endoplasmic Reticulum Stress-Reactive Oxygen Species in Head and Neck Squamous Cell Carcinoma Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 9695-9704.	1.1	696
118	The Zinc Finger Mutation C417R of I- $\kappa$ B Kinase $\hat{3}$ Impairs Lipopolysaccharide- and TNF-Mediated NF- $\kappa$ B Activation through Inhibiting Phosphorylation of the I- $\kappa$ B Kinase $\hat{2}$ Activation Loop. <i>Journal of Immunology</i> , 2004, 172, 2446-2452.	0.4	34
119	Investigation of multipotent postnatal stem cells from human periodontal ligament. <i>Lancet</i> , The, 2004, 364, 149-155.	6.3	2,920
120	Telomerase Accelerates Osteogenesis of Bone Marrow Stromal Stem Cells by Upregulation of CBFA1, Osterix, and Osteocalcin. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 716-722.	3.1	124
121	Cyclic strain enhances matrix mineralization by adult human mesenchymal stem cells via the extracellular signal-regulated kinase (ERK1/2) signaling pathway. <i>Journal of Biomechanics</i> , 2003, 36, 1087-1096.	0.9	274
122	Roles for Homotypic Interactions and Transautophosphorylation in I- $\kappa$ B Kinase (IKK $\hat{2}$ ) Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 38566-38570.	1.6	38
123	A Role for NF- $\kappa$ B Essential Modifier/I- $\kappa$ B Kinase- $\hat{3}$ (NEMO/IKK $\hat{3}$ ) Ubiquitination in the Activation of the I- $\kappa$ B Kinase Complex by Tumor Necrosis Factor- $\hat{1}$ . <i>Journal of Biological Chemistry</i> , 2003, 278, 37297-37305.	1.6	191
124	IKK $\hat{2}$ Plays an Essential Role in the Phosphorylation of RelA/p65 on Serine 536 Induced by Lipopolysaccharide. <i>Journal of Immunology</i> , 2003, 170, 5630-5635.	0.4	358
125	Parathyroid Hormone and Parathyroid Hormone-related Protein Exert Both Pro- and Anti-apoptotic Effects in Mesenchymal Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 19374-19381.	1.6	140
126	Hepatocyte Growth Factor Inhibits Anoikis in Head and Neck Squamous Cell Carcinoma Cells by Activation of ERK and Akt Signaling Independent of NF- $\kappa$ B. <i>Journal of Biological Chemistry</i> , 2002, 277, 25203-25208.	1.6	126



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127	c-Myc Sensitizes Cells to Tumor Necrosis Factor-mediated Apoptosis by Inhibiting Nuclear Factor $\kappa$ B Transactivation. <i>Journal of Biological Chemistry</i> , 2002, 277, 36671-36677.	1.6	64
128	Hepatocyte Growth Factor Inhibits Anoikis by Induction of Activator Protein 1-dependent Cyclooxygenase-2. <i>Journal of Biological Chemistry</i> , 2002, 277, 50137-50142.	1.6	59
129	The p65/RelA Subunit of NF- $\kappa$ B Suppresses the Sustained, Antiapoptotic Activity of Jun Kinase Induced by Tumor Necrosis Factor. <i>Molecular and Cellular Biology</i> , 2002, 22, 8175-8183.	1.1	80
130	Wnt signaling promotes oncogenic transformation by inhibiting c-Myc-induced apoptosis. <i>Journal of Cell Biology</i> , 2002, 157, 429-440.	2.3	203
131	Bone formation by human postnatal bone marrow stromal stem cells is enhanced by telomerase expression. <i>Nature Biotechnology</i> , 2002, 20, 587-591.	9.4	351
132	Suppression of Tumor Necrosis Factor-mediated Apoptosis by Nuclear Factor $\kappa$ B-independent Bone Morphogenetic Protein/Smad Signaling. <i>Journal of Biological Chemistry</i> , 2001, 276, 39259-39263.	1.6	65
133	Nuclear Factor- $\kappa$ B-inducible Death Effector Domain-containing Protein Suppresses Tumor Necrosis Factor-mediated Apoptosis by Inhibiting Caspase-8 Activity. <i>Journal of Biological Chemistry</i> , 2001, 276, 26398-26404.	1.6	110
134	WNT-1 Signaling Inhibits Apoptosis by Activating $\beta$ -Catenin/T Cell Factor-mediated Transcription. <i>Journal of Cell Biology</i> , 2001, 152, 87-96.	2.3	387
135	IL-10, But Not IL-4, Suppresses Infection-Stimulated Bone Resorption In Vivo. <i>Journal of Immunology</i> , 2000, 165, 3626-3630.	0.4	162
136	Akt Suppresses Apoptosis by Stimulating the Transactivation Potential of the RelA/p65 Subunit of NF- $\kappa$ B. <i>Molecular and Cellular Biology</i> , 2000, 20, 1626-1638.	1.1	618
137	NF- $\kappa$ B-Induced Loss of MyoD Messenger RNA: Possible Role in Muscle Decay and Cachexia. <i>Science</i> , 2000, 289, 2363-2366.	6.0	841
138	Control of inducible chemoresistance: Enhanced anti-tumor therapy through increased apoptosis by inhibition of NF- $\kappa$ B. <i>Nature Medicine</i> , 1999, 5, 412-417.	15.2	948
139	WT1 modulates apoptosis by transcriptionally upregulating the bcl-2 proto-oncogene. <i>EMBO Journal</i> , 1999, 18, 3990-4003.	3.5	220
140	NF- $\kappa$ B Induces Expression of the Bcl-2 Homologue A1/Bfl-1 To Preferentially Suppress Chemotherapy-Induced Apoptosis. <i>Molecular and Cellular Biology</i> , 1999, 19, 5923-5929.	1.1	549
141	Requirement of NF- $\kappa$ B Activation to Suppress p53-Independent Apoptosis Induced by Oncogenic Ras. <i>Science</i> , 1997, 278, 1812-1815.	6.0	527
142	Pathogenesis of induced rat periapical lesions. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1994, 78, 494-502.	0.6	138
143	Characterization of bone-resorbing activity in human periapical lesions. <i>Journal of Endodontics</i> , 1993, 19, 107-111.	1.4	69
144	Kinetics of immune cell and bone resorptive responses to endodontic infections. <i>Journal of Endodontics</i> , 1992, 18, 422-426.	1.4	102