

Cun-Yu Wang

List of Publications by Year in descending order

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144
papers

28,646
citations

9264

74
h-index

7745

150
g-index

154
all docs

154
docs citations

154
times ranked

36777
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of multipotent postnatal stem cells from human periodontal ligament. <i>Lancet</i> , The, 2004, 364, 149-155.	13.7	2,920
2	TEAD mediates YAP-dependent gene induction and growth control. <i>Genes and Development</i> , 2008, 22, 1962-1971.	5.9	1,943
3	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.	28.9	1,183
4	A coordinated phosphorylation by Lats and CK1 regulates YAP stability through SCF ^{β2-TRCP} . <i>Genes and Development</i> , 2010, 24, 72-85.	5.9	1,100
5	Mesenchymal Stem Cell-Mediated Functional Tooth Regeneration in Swine. <i>PLoS ONE</i> , 2006, 1, e79.	2.5	1,060
6	The meaning, the sense and the significance: translating the science of mesenchymal stem cells into medicine. <i>Nature Medicine</i> , 2013, 19, 35-42.	30.7	1,032
7	Control of inducible chemoresistance: Enhanced anti-tumor therapy through increased apoptosis by inhibition of NF- κ B. <i>Nature Medicine</i> , 1999, 5, 412-417.	30.7	948
8	NF- κ B-Induced Loss of <i>MyoD</i> Messenger RNA: Possible Role in Muscle Decay and Cachexia. <i>Science</i> , 2000, 289, 2363-2366.	12.6	841
9	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.	2.3	696
10	Cell detachment activates the Hippo pathway via cytoskeleton reorganization to induce anoikis. <i>Genes and Development</i> , 2012, 26, 54-68.	5.9	632
11	Akt Suppresses Apoptosis by Stimulating the Transactivation Potential of the RelA/p65 Subunit of NF- κ B. <i>Molecular and Cellular Biology</i> , 2000, 20, 1626-1638.	2.3	618
12	NF- κ 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.	2.3	549
13	Alternative Wnt Signaling Activates YAP/TAZ. <i>Cell</i> , 2015, 162, 780-794.	28.9	528
14	Requirement of NF- κ B Activation to Suppress p53-Independent Apoptosis Induced by Oncogenic Ras. <i>Science</i> , 1997, 278, 1812-1815.	12.6	527
15	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.	7.1	481
16	Clusterin inhibits apoptosis by interacting with activated Bax. <i>Nature Cell Biology</i> , 2005, 7, 909-915.	10.3	418
17	Inhibition of osteoblastic bone formation by nuclear factor- κ B. <i>Nature Medicine</i> , 2009, 15, 682-689.	30.7	416
18	Mutant Gq/11 Promote Uveal Melanoma Tumorigenesis by Activating YAP. <i>Cancer Cell</i> , 2014, 25, 822-830.	16.8	391

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19	WNT-1 Signaling Inhibits Apoptosis by Activating β -Catenin/T Cell Factor-Mediated Transcription. <i>Journal of Cell Biology</i> , 2001, 152, 87-96.	5.2	387
20	IKK β 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.	0.8	358
21	Bone formation by human postnatal bone marrow stromal stem cells is enhanced by telomerase expression. <i>Nature Biotechnology</i> , 2002, 20, 587-591.	17.5	351
22	Crosstalk between tumor and endothelial cells promotes tumor angiogenesis by MAPK activation of Notch signaling. <i>Cancer Cell</i> , 2005, 8, 13-23.	16.8	338
23	NF- κ B in breast cancer cells promotes osteolytic bone metastasis by inducing osteoclastogenesis via GM-CSF. <i>Nature Medicine</i> , 2007, 13, 62-69.	30.7	296
24	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.	2.1	274
25	RAP2 mediates mechanoresponses of the Hippo pathway. <i>Nature</i> , 2018, 560, 655-660.	27.8	266
26	Histone Demethylases KDM4B and KDM6B Promotes Osteogenic Differentiation of Human MSCs. <i>Cell Stem Cell</i> , 2012, 11, 50-61.	11.1	264
27	NF- κ B inhibits osteogenic differentiation of mesenchymal stem cells by promoting β -catenin degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9469-9474.	7.1	263
28	Simultaneous profiling of transcriptome and DNA methylome from a single cell. <i>Genome Biology</i> , 2016, 17, 88.	8.8	235
29	BCOR regulates mesenchymal stem cell function by epigenetic mechanisms. <i>Nature Cell Biology</i> , 2009, 11, 1002-1009.	10.3	231
30	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.	14.6	230
31	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.	3.4	224
32	WT1 modulates apoptosis by transcriptionally upregulating the bcl-2 proto-oncogene. <i>EMBO Journal</i> , 1999, 18, 3990-4003.	7.8	220
33	Wnt signaling promotes oncogenic transformation by inhibiting c-Myc-induced apoptosis. <i>Journal of Cell Biology</i> , 2002, 157, 429-440.	5.2	203
34	Targeting BMI1 + Cancer Stem Cells Overcomes Chemoresistance and Inhibits Metastases in Squamous Cell Carcinoma. <i>Cell Stem Cell</i> , 2017, 20, 621-634.e6.	11.1	201
35	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.	3.4	198
36	β B kinase μ 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.	7.1	195

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37	A Role for NF- κ B Essential Modifier/I κ B Kinase- β (NEMO/IKK β) Ubiquitination in the Activation of the I κ B Kinase Complex by Tumor Necrosis Factor- α . <i>Journal of Biological Chemistry</i> , 2003, 278, 37297-37305.	3.4	191
38	Wnt4 signaling prevents skeletal aging and inflammation by inhibiting nuclear factor- κ B. <i>Nature Medicine</i> , 2014, 20, 1009-1017.	30.7	175
39	TBL1 β and TBLR1 and β -catenin recruit each other to Wnt target-gene promoter for transcription activation and oncogenesis. <i>Nature Cell Biology</i> , 2008, 10, 160-169.	10.3	171
40	IL-10, But Not IL-4, Suppresses Infection-Stimulated Bone Resorption In Vivo. <i>Journal of Immunology</i> , 2000, 165, 3626-3630.	0.8	162
41	Pharmacologic Stem Cell Based Intervention as a New Approach to Osteoporosis Treatment in Rodents. <i>PLoS ONE</i> , 2008, 3, e2615.	2.5	155
42	Signaling between Transforming Growth Factor β 2 (TGF- β 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.	3.4	147
43	Histone Demethylase KDM6B Promotes Epithelial-Mesenchymal Transition. <i>Journal of Biological Chemistry</i> , 2012, 287, 44508-44517.	3.4	145
44	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.	3.4	140
45	A Glycolytic Mechanism Regulating an Angiogenic Switch in Prostate Cancer. <i>Cancer Research</i> , 2007, 67, 149-159.	0.9	140
46	Wnt signaling and skeletal development. <i>Cellular Signalling</i> , 2008, 20, 999-1009.	3.6	139
47	Pathogenesis of induced rat periapical lesions. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1994, 78, 494-502.	0.6	138
48	Tetra- and Penta-Acylated Lipid A Structures of <i>Porphyromonas gingivalis</i> LPS Differentially Activate TLR4-Mediated NF- κ B Signal Transduction Cascade and Immuno-Inflammatory Response in Human Gingival Fibroblasts. <i>PLoS ONE</i> , 2013, 8, e58496.	2.5	137
49	Characterization of Side Populations in HNSCC: Highly Invasive, Chemoresistant and Abnormal Wnt Signaling. <i>PLoS ONE</i> , 2010, 5, e11456.	2.5	135
50	From bulk, single-cell to spatial RNA sequencing. <i>International Journal of Oral Science</i> , 2021, 13, 36.	8.6	134
51	Novel functions for NF- κ B: inhibition of bone formation. <i>Nature Reviews Rheumatology</i> , 2010, 6, 607-611.	8.0	131
52	Nanodiamond β -Gutta Percha Composite Biomaterials for Root Canal Therapy. <i>ACS Nano</i> , 2015, 9, 11490-11501.	14.6	128
53	Activation of nuclear factor-kappa B accelerates vascular calcification by inhibiting ankylosis protein homolog expression. <i>Kidney International</i> , 2012, 82, 34-44.	5.2	127
54	CD276 expression enables squamous cell carcinoma stem cells to evade immune surveillance. <i>Cell Stem Cell</i> , 2021, 28, 1597-1613.e7.	11.1	127

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55	Hepatocyte Growth Factor Inhibits Anoikis in Head and Neck Squamous Cell Carcinoma Cells by Activation of ERK and Akt Signaling Independent of NF κ B. <i>Journal of Biological Chemistry</i> , 2002, 277, 25203-25208.	3.4	126
56	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.	2.8	124
57	MAVS Self-Association Mediates Antiviral Innate Immune Signaling. <i>Journal of Virology</i> , 2009, 83, 3420-3428.	3.4	121
58	Notch signaling in the regulation of tumor angiogenesis. <i>Trends in Cell Biology</i> , 2006, 16, 293-300.	7.9	112
59	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.	3.4	111
60	Nuclear Factor- κ 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.	3.4	110
61	PGC-1 β 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.	11.1	108
62	Tumor microenvironment and immune evasion in head and neck squamous cell carcinoma. <i>International Journal of Oral Science</i> , 2021, 13, 24.	8.6	107
63	Regulation of the G2 \rightarrow M cell cycle progression by the ERK5 \rightarrow NF κ B signaling pathway. <i>Journal of Cell Biology</i> , 2007, 177, 253-264.	5.2	106
64	Kinetics of immune cell and bone resorptive responses to endodontic infections. <i>Journal of Endodontics</i> , 1992, 18, 422-426.	3.1	102
65	Bcl-2 Acts in a Proangiogenic Signaling Pathway through Nuclear Factor- κ B and CXC Chemokines. <i>Cancer Research</i> , 2005, 65, 5063-5069.	0.9	101
66	Proteasome inhibitor induces apoptosis through induction of endoplasmic reticulum stress. <i>Cancer Biology and Therapy</i> , 2006, 5, 745-748.	3.4	100
67	Wnt/ β -catenin signaling inhibits death receptor-mediated apoptosis and promotes invasive growth of HNSCC. <i>Cellular Signalling</i> , 2006, 18, 679-687.	3.6	94
68	KDM3 epigenetically controls tumorigenic potentials of human colorectal cancer stem cells through Wnt/ β -catenin signalling. <i>Nature Communications</i> , 2017, 8, 15146.	12.8	93
69	Reversible Regulation of Promoter and Enhancer Histone Landscape by DNA Methylation in Mouse Embryonic Stem Cells. <i>Cell Reports</i> , 2016, 17, 289-302.	6.4	92
70	Osteoporosis: The Result of an \sim Aged \sim Bone Microenvironment. <i>Trends in Molecular Medicine</i> , 2016, 22, 641-644.	6.7	92
71	Epigenetic Activation of AP1 Promotes Squamous Cell Carcinoma Metastasis. <i>Science Signaling</i> , 2013, 6, ra28.1-13, S0-15.	3.6	91
72	BM11 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.	11.1	87

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73	PAK4 inhibition improves PD-1 blockade immunotherapy. <i>Nature Cancer</i> , 2020, 1, 46-58.	13.2	85
74	CXCL12/SDF-1 α Activates NF- κ B and Promotes Oral Cancer Invasion through the Carma3/Bcl10/Malt1 Complex. <i>International Journal of Oral Science</i> , 2009, 1, 105-118.	8.6	83
75	The p65/RelA Subunit of NF- κ B Suppresses the Sustained, Antiapoptotic Activity of Jun Kinase Induced by Tumor Necrosis Factor. <i>Molecular and Cellular Biology</i> , 2002, 22, 8175-8183.	2.3	80
76	Osteoporosis and periodontal diseases – An update on their association and mechanistic links. <i>Periodontology 2000</i> , 2022, 89, 99-113.	13.4	79
77	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.	11.1	77
78	Direct Ubiquitination of β -Catenin by Siah-1 and Regulation by the Exchange Factor TBL1. <i>Journal of Biological Chemistry</i> , 2010, 285, 13507-13516.	3.4	76
79	<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.	4.9	70
80	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.	8.6	70
81	TRAF5 Is a Downstream Target of MAVS in Antiviral Innate Immune Signaling. <i>PLoS ONE</i> , 2010, 5, e9172.	2.5	70
82	Characterization of bone-resorbing activity in human periapical lesions. <i>Journal of Endodontics</i> , 1993, 19, 107-111.	3.1	69
83	LATS2 Suppresses Oncogenic Wnt Signaling by Disrupting β -Catenin/BCL9 Interaction. <i>Cell Reports</i> , 2013, 5, 1650-1663.	6.4	69
84	Induction of AP-1 by YAP/TAZ contributes to cell proliferation and organ growth. <i>Genes and Development</i> , 2020, 34, 72-86.	5.9	68
85	KDM6B epigenetically regulates odontogenic differentiation of dental mesenchymal stem cells. <i>International Journal of Oral Science</i> , 2013, 5, 200-205.	8.6	67
86	Targeting cancer stem cells in squamous cell carcinoma. <i>Precision Clinical Medicine</i> , 2019, 2, 152-165.	3.3	67
87	Functional regeneration and repair of tendons using biomimetic scaffolds loaded with recombinant periostin. <i>Nature Communications</i> , 2021, 12, 1293.	12.8	66
88	Suppression of Tumor Necrosis Factor-mediated Apoptosis by Nuclear Factor κ B-independent Bone Morphogenetic Protein/Smad Signaling. <i>Journal of Biological Chemistry</i> , 2001, 276, 39259-39263.	3.4	65
89	c-Myc Sensitizes Cells to Tumor Necrosis Factor-mediated Apoptosis by Inhibiting Nuclear Factor κ B Transactivation. <i>Journal of Biological Chemistry</i> , 2002, 277, 36671-36677.	3.4	64
90	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.	3.3	63

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91	Beclin1 Modulates Bone Homeostasis by Regulating Osteoclast and Chondrocyte Differentiation. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1753-1766.	2.8	63
92	circFAT1 Promotes Cancer Stemness and Immune Evasion by Promoting STAT3 Activation. <i>Advanced Science</i> , 2021, 8, 2003376.	11.2	63
93	Hepatocyte Growth Factor Inhibits Anoikis by Induction of Activator Protein 1-dependent Cyclooxygenase-2. <i>Journal of Biological Chemistry</i> , 2002, 277, 50137-50142.	3.4	59
94	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.	8.6	58
95	A Dominant Function of IKK/NF- κ B Signaling in Global Lipopolysaccharide-induced Gene Expression. <i>Journal of Biological Chemistry</i> , 2006, 281, 31142-31151.	3.4	57
96	Baicalin Downregulates Porphyromonas gingivalis 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.	2.5	54
97	Rap1 Stabilizes β -Catenin and Enhances β -Catenin-Dependent Transcription and Invasion in Squamous Cell Carcinoma of the Head and Neck. <i>Clinical Cancer Research</i> , 2010, 16, 65-76.	7.0	52
98	Transforming Growth Factor- β -Induced KDM4B Promotes Chondrogenic Differentiation of Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2016, 34, 711-719.	3.2	52
99	Periodontitis-induced systemic inflammation exacerbates atherosclerosis partly via endothelial-mesenchymal transition in mice. <i>International Journal of Oral Science</i> , 2019, 11, 21.	8.6	52
100	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.	3.3	51
101	Siglecg Limits the Size of B1a B Cell Lineage by Down-Regulating NF- κ B Activation. <i>PLoS ONE</i> , 2007, 2, e997.	2.5	50
102	Single CD271 marker isolates mesenchymal stem cells from human dental pulp. <i>International Journal of Oral Science</i> , 2015, 7, 205-212.	8.6	49
103	Transcriptional super-enhancers control cancer stemness and metastasis genes in squamous cell carcinoma. <i>Nature Communications</i> , 2021, 12, 3974.	12.8	49
104	Inhibition of IKK/NF- κ B Signaling Enhances Differentiation of Mesenchymal Stromal Cells from Human Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2016, 6, 456-465.	4.8	47
105	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.	7.1	47
106	Knockdown of CypA inhibits interleukin-8 (IL-8) and IL-8-mediated proliferation and tumor growth of glioblastoma cells through down-regulated NF- κ B. <i>Journal of Neuro-Oncology</i> , 2011, 101, 1-14.	2.9	46
107	Differential modulation of human β -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.	2.4	43
108	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.	3.4	40

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109	Epigenetic gene regulation by histone demethylases: emerging role in oncogenesis and inflammation. <i>Oral Diseases</i> , 2017, 23, 709-720.	3.0	40
110	Alcohol-induced suppression of KDM6B dysregulates the mineralization potential in dental pulp stem cells. <i>Stem Cell Research</i> , 2016, 17, 111-121.	0.7	39
111	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.	3.3	39
112	Roles for Homotypic Interactions and Transautophosphorylation in I κ B Kinase (IKK $\hat{\imath}$ ²) Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 38566-38570.	3.4	38
113	SDF-1 $\hat{\imath}$ Promotes Invasion of Head and Neck Squamous Cell Carcinoma by Activating NF- $\hat{\imath}$ B*. <i>Journal of Biological Chemistry</i> , 2008, 283, 19888-19894.	3.4	38
114	IKK $\hat{\imath}$ stabilizes cytosolic $\hat{\imath}$ -catenin by inhibiting both canonical and non-canonical degradation pathways. <i>Cellular Signalling</i> , 2006, 18, 1941-1946.	3.6	37
115	Inhibition of EZH2 Promotes Human Embryonic Stem Cell Differentiation into Mesoderm by Reducing H3K27me3. <i>Stem Cell Reports</i> , 2017, 9, 752-761.	4.8	36
116	The Zinc Finger Mutation C417R of I- $\hat{\imath}$ B Kinase $\hat{\imath}$ ³ Impairs Lipopolysaccharide- and TNF-Mediated NF- $\hat{\imath}$ B Activation through Inhibiting Phosphorylation of the I- $\hat{\imath}$ B Kinase $\hat{\imath}$ ² Activation Loop. <i>Journal of Immunology</i> , 2004, 172, 2446-2452.	0.8	34
117	NF- $\hat{\imath}$ 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.	2.8	33
118	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.	4.1	32
119	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.	3.4	31
120	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.	3.4	31
121	Targeting KDM4A epigenetically activates tumor-cell-intrinsic immunity by inducing DNA replication stress. <i>Molecular Cell</i> , 2021, 81, 2148-2165.e9.	9.7	30
122	AFF1 and AFF4 differentially regulate the osteogenic differentiation of human MSCs. <i>Bone Research</i> , 2017, 5, 17044.	11.4	29
123	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.	3.3	28
124	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.	1.8	28
125	<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.	2.4	27
126	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.	2.9	26

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127	Recent advancements in PARP inhibitors-based targeted cancer therapy. <i>Precision Clinical Medicine</i> , 2020, 3, 187-201.	3.3	26
128	Transducin β -Like Protein 1 Recruits Nuclear Factor κ B to the Target Gene Promoter for Transcriptional Activation. <i>Molecular and Cellular Biology</i> , 2011, 31, 924-934.	2.3	25
129	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.	8.6	25
130	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.	8.6	24
131	Single Amino Acid Change in STING Leads to Constitutive Active Signaling. <i>PLoS ONE</i> , 2015, 10, e0120090.	2.5	23
132	Grainyhead-like 2 (GRHL2) knockout abolishes oral cancer development through reciprocal regulation of the MAP kinase and TGF- β signaling pathways. <i>Oncogenesis</i> , 2018, 7, 38.	4.9	21
133	Reducing posttreatment relapse in cleft lip palatal expansion using an injectable estrogen- α nanodiamond hydrogel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7218-E7225.	7.1	20
134	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.	2.5	20
135	Wnt1 inhibits vascular smooth muscle cell calcification by promoting ANKH expression. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 135, 10-21.	1.9	18
136	Whitlockite-Enabled Hydrogel for Craniofacial Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35342-35355.	8.0	13
137	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.	2.6	13
138	The ER α /KDM6B regulatory axis modulates osteogenic differentiation in human mesenchymal stem cells. <i>Bone Research</i> , 2022, 10, 3.	11.4	12
139	Loss of KDM4B impairs osteogenic differentiation of OMSCs and promotes oral bone aging. <i>International Journal of Oral Science</i> , 2022, 14, 24.	8.6	6
140	Epigenetic Regulation of NGF-Mediated Osteogenic Differentiation in Human Dental Mesenchymal Stem Cells. <i>Stem Cells</i> , 2022, 40, 818-830.	3.2	6
141	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.	11.4	5
142	Generation of a squamous cell carcinoma mouse model for lineage tracing of BMI1+ cancer stem cells. <i>STAR Protocols</i> , 2021, 2, 100484.	1.2	4
143	YAP-mediated induction of monoacylglycerol lipase restrains oncogenic transformation. <i>Cellular Signalling</i> , 2015, 27, 836-840.	3.6	1
144	Molecular Signaling in Oral Cancer Invasion and Metastasis. , 2016, , 71-99.		1