Antonio Giordano

List of Publications by Year in descending order

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780 papers 43,244 citations

93 h-index 170 g-index

821 all docs

821 docs citations

times ranked

821

58505 citing authors

#	Article	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Formation and activation of a cyclin E-cdk2 complex during the G1 phase of the human cell cycle. Science, 1992, 257, 1689-1694.	12.6	1,034
3	RB and cell cycle progression. Oncogene, 2006, 25, 5220-5227.	5.9	1,017
4	Cell cycle kinases as therapeutic targets for cancer. Nature Reviews Drug Discovery, 2009, 8, 547-566.	46.4	793
5	Recruitment of p300/CBP in p53-Dependent Signal Pathways. Cell, 1997, 89, 1175-1184.	28.9	661
6	From the laboratory bench to the patient's bedside: An update on clinical trials with mesenchymal stem cells. Journal of Cellular Physiology, 2007, 211, 27-35.	4.1	578
7	From Cell–ECM interactions to tissue engineering. Journal of Cellular Physiology, 2004, 199, 174-180.	4.1	565
8	Curcumin and Cancer. Nutrients, 2019, 11, 2376.	4.1	560
9	Cell Cycle and Apoptosis. Neoplasia, 2000, 2, 291-299.	5.3	523
10	Taxane-Based Combinations As Adjuvant Chemotherapy of Early Breast Cancer: A Meta-Analysis of Randomized Trials. Journal of Clinical Oncology, 2008, 26, 44-53.	1.6	389
11	The Vascular Endothelium of the Adipose Tissue Gives Rise to Both White and Brown Fat Cells. Cell Metabolism, 2012, 15, 222-229.	16.2	334
12	Smart materials as scaffolds for tissue engineering. Journal of Cellular Physiology, 2005, 203, 465-470.	4.1	317
13	Human p300 Protein Is a Coactivator for the Transcription Factor MyoD. Journal of Biological Chemistry, 1996, 271, 9009-9013.	3.4	294
14	A 60 kd cdc2-associated polypeptide complexes with the E1A proteins in adenovirus-infected cells. Cell, 1989, 58, 981-990.	28.9	289
15	A single-cell atlas of human and mouse white adipose tissue. Nature, 2022, 603, 926-933.	27.8	277
16	p300 and CBP: Partners for life and death. Journal of Cellular Physiology, 1999, 181, 218-230.	4.1	272
17	Role of p53 in the Regulation of Cellular Senescence. Biomolecules, 2020, 10, 420.	4.0	267
18	Cyclins, Cyclin-Dependent Kinases and Cdk Inhibitors: Implications in Cell Cycle Control and Cancer. Critical Reviews in Eukaryotic Gene Expression, 1995, 5, 127-156.	0.9	264

#	Article	IF	Citations
19	Advantages and limitations of microarray technology in human cancer. Oncogene, 2003, 22, 6497-6507.	5.9	258
20	p300 is required for MyoD-dependent cell cycle arrest and muscle-specific gene transcription. EMBO Journal, 1997, 16, 369-383.	7.8	257
21	Detection and Characterization of CD133+ Cancer Stem Cells in Human Solid Tumours. PLoS ONE, 2008, 3, e3469.	2.5	246
22	Simian virus-40 large-T antigen binds p53 in human mesotheliomas. Nature Medicine, 1997, 3, 908-912.	30.7	244
23	Mechanisms of endocrine resistance and novel therapeutic strategies in breast cancer. Endocrine-Related Cancer, 2005, 12, 721-747.	3.1	242
24	Activation and function of cyclin T–Cdk9 (positive transcription elongation factor-b) in cardiac muscle-cell hypertrophy. Nature Medicine, 2002, 8, 1310-1317.	30.7	226
25	Virtual Reality as a Distraction Intervention to Relieve Pain and Distress During Medical Procedures. Clinical Journal of Pain, 2018, 34, 858-877.	1.9	225
26	Cell cycle regulation and neural differentiation. Oncogene, 2003, 22, 5208-5219.	5.9	222
27	snRNA-seq reveals a subpopulation of adipocytes that regulates thermogenesis. Nature, 2020, 587, 98-102.	27.8	221
28	PITALRE, a nuclear CDC2-related protein kinase that phosphorylates the retinoblastoma protein in vitro Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 3834-3838.	7.1	220
29	Virtual Reality in Health System: Beyond Entertainment. A Miniâ€Review on the Efficacy of VR During Cancer Treatment. Journal of Cellular Physiology, 2016, 231, 275-287.	4.1	220
30	Obese adipocytes show ultrastructural features of stressed cells and die of pyroptosis. Journal of Lipid Research, 2013, 54, 2423-2436.	4.2	211
31	Decorin-induced Growth Suppression Is Associated with Up-regulation of p21, an Inhibitor of Cyclin-dependent Kinases. Journal of Biological Chemistry, 1996, 271, 18961-18965.	3.4	209
32	Leptin signaling in breast cancer: An overview. Journal of Cellular Biochemistry, 2008, 105, 956-964.	2.6	200
33	MECHANISMS IN ENDOCRINOLOGY: White, brown and pink adipocytes: the extraordinary plasticity of the adipose organ. European Journal of Endocrinology, 2014, 170, R159-R171.	3.7	199
34	Class I Histone Deacetylases Sequentially Interact with MyoD and pRb during Skeletal Myogenesis. Molecular Cell, 2001, 8, 885-897.	9.7	197
35	Targeting miR-21 Inhibits <i>In Vitro</i> and <i>In Vivo</i> Multiple Myeloma Cell Growth. Clinical Cancer Research, 2013, 19, 2096-2106.	7.0	195
36	The retinoblastoma gene family pRb/p105, p107, pRb2/p130 and simian virus-40 large T-antigen in human mesotheliomas. Nature Medicine, 1997, 3, 913-916.	30.7	194

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37	Epithelial–Mesenchymal Transition and Stem Cell Markers in Patients with HER2-Positive Metastatic Breast Cancer. Molecular Cancer Therapeutics, 2012, 11, 2526-2534.	4.1	194
38	Circulating tumor cells as prognostic and predictive markers in metastatic breast cancer patients receiving first-line systemic treatment. Breast Cancer Research, 2011, 13, R67.	5.0	188
39	Brown adipose tissue whitening leads to brown adipocyte death and adipose tissue inflammation. Journal of Lipid Research, 2018, 59, 784-794.	4.2	184
40	A critical overview of ESEM applications in the biological field. Journal of Cellular Physiology, 2005, 205, 328-334.	4.1	179
41	Convertible visceral fat as a therapeutic target to curb obesity. Nature Reviews Drug Discovery, 2016, 15, 405-424.	46.4	177
42	Retinoblastoma protein family in cell cycle and cancer: A review. Journal of Cellular Biochemistry, 1996, 62, 418-430.	2.6	168
43	Detection of human neurotropic JC virus DNA sequence and expression of the viral oncogenic protein in pediatric medulloblastomas. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 11519-11524.	7.1	163
44	The carnitine system and cancer metabolic plasticity. Cell Death and Disease, 2018, 9, 228.	6.3	161
45	The interaction of the SRA domain of ICBP90 with a novel domain of DNMT1 is involved in the regulation of VEGF gene expression. Oncogene, 2008, 27, 2187-2197.	5.9	158
46	miRâ€29b negatively regulates human osteoclastic cell differentiation and function: Implications for the treatment of multiple myelomaâ€related bone disease. Journal of Cellular Physiology, 2013, 228, 1506-1515.	4.1	156
47	Overview of CDK9 as a target in cancer research. Cell Cycle, 2016, 15, 519-527.	2.6	156
48	Epigenetic Information and Estrogen Receptor Alpha Expression in Breast Cancer. Oncologist, 2006, 11, 1-8.	3.7	155
49	p53 signaling in cancer progression and therapy. Cancer Cell International, 2021, 21, 703.	4.1	153
50	A decade of EGFR inhibition in EGFR-mutated non small cell lung cancer (NSCLC): Old successes and future perspectives. Oncotarget, 2015, 6, 26814-26825.	1.8	152
51	Medulloblastoma: From Molecular Pathology to Therapy. Clinical Cancer Research, 2008, 14, 971-976.	7.0	149
52	Expression of epithelial–mesenchymal transitionâ€inducing transcription factors in primary breast cancer: The effect of neoadjuvant therapy. International Journal of Cancer, 2012, 130, 808-816.	5.1	148
53	White adipose tissue lacks significant vagal innervation and immunohistochemical evidence of parasympathetic innervation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R1243-R1255.	1.8	140
54	A meta-analytic review of the relationship of cancer coping self-efficacy with distress and quality of life. Oncotarget, 2017, 8, 36800-36811.	1.8	139

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55	DNA-demethylating and anti-tumor activity of synthetic miR-29b mimics in multiple myeloma. Oncotarget, 2012, 3, 1246-1258.	1.8	138
56	Reversible transdifferentiation of secretory epithelial cells into adipocytes in the mammary gland. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16801-16806.	7.1	135
57	Antisense oligonucleotides as therapeutic agents. , 1999, 181, 251-257.		134
58	Scaffold's surface geometry significantly affects human stem cell bone tissue engineering. Journal of Cellular Physiology, 2008, 214, 166-172.	4.1	134
59	From G0 to S phase: A view of the roles played by the retinoblastoma (Rb) family members in the Rb‣2F pathway. Journal of Cellular Biochemistry, 2007, 102, 1400-1404.	2.6	133
60	Triple negative breast cancer: looking for the missing link between biology and treatments. Oncotarget, 2015, 6, 26560-26574.	1.8	133
61	Glioblastoma Stem Cells Microenvironment: The Paracrine Roles of the Niche in Drug and Radioresistance. Stem Cells International, 2016, 2016, 1-17.	2.5	131
62	Endocrine treatment versus chemotherapy in postmenopausal women with hormone receptor-positive, HER2-negative, metastatic breast cancer: a systematic review and network meta-analysis. Lancet Oncology, The, 2019, 20, 1360-1369.	10.7	131
63	pRb2/p130-E2F4/5-HDAC1-SUV39H1-p300 and pRb2/p130-E2F4/5-HDAC1-SUV39H1-DNMT1 multimolecular complexes mediate the transcription of estrogen receptor-α in breast cancer. Oncogene, 2003, 22, 3511-3517.	5.9	129
64	Deregulated expression of miR-26a and Ezh2 in Rhabdomyosarcoma. Cell Cycle, 2009, 8, 172-175.	2.6	129
65	Activated Raf-1 causes growth arrest in human small cell lung cancer cells Journal of Clinical Investigation, 1998, 101, 153-159.	8.2	129
66	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. Journal of Clinical Investigation, 2017, 127, 4148-4162.	8.2	128
67	RB1 dual role in proliferation and apoptosis: Cell fate control and implications for cancer therapy. Oncotarget, 2015, 6, 17873-17890.	1.8	125
68	In Vitro and in Vivo Anti-tumor Activity of miR-221/222 Inhibitors in Multiple Myeloma. Oncotarget, 2013, 4, 242-255.	1.8	125
69	Latest Developments in Gene Transfer Technology: Achievements, Perspectives, and Controversies over Therapeutic Applications. Stem Cells, 2000, 18, 19-39.	3.2	124
70	Rb family proteins as modulators of gene expression and new aspects regarding the interaction with chromatin remodeling enzymes. Oncogene, 2006, 25, 5263-5267.	5.9	124
71	Combination of Bevacizumab and Docetaxel in Docetaxel-Pretreated Hormone-Refractory Prostate Cancer: A Phase 2 Study. European Urology, 2008, 54, 1089-1096.	1.9	121
72	The Gap Between the Physiological and Therapeutic Roles of Mesenchymal Stem Cells. Medicinal Research Reviews, 2014, 34, 1100-1126.	10.5	121

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73	Inflammation Mediated Metastasis: Immune Induced Epithelial-To-Mesenchymal Transition in Inflammatory Breast Cancer Cells. PLoS ONE, 2015, 10, e0132710.	2.5	121
74	Tyrosine hydroxylase, neuropeptide Y, substance P, calcitonin gene-related peptide and vasoactive intestinal peptide in nerves of rat periovarian adipose tissue: an immunohistochemical and ultrastructural investigation. Journal of Neurocytology, 1996, 25, 125-136.	1.5	111
75	pRb and the Cdks in apoptosis and the cell cycle. Cell Death and Differentiation, 1998, 5, 132-140.	11.2	111
76	Virtual reality and music therapy as distraction interventions to alleviate anxiety and improve mood states in breast cancer patients during chemotherapy. Journal of Cellular Physiology, 2020, 235, 5353-5362.	4.1	111
77	CDK9 inhibitors in acute myeloid leukemia. Journal of Experimental and Clinical Cancer Research, 2018, 37, 36.	8.6	110
78	Pacing-Induced Heart Failure in Dogs Enhances the Expression of p53 and p53-Dependent Genes in Ventricular Myocytes. Circulation, 1998, 97, 194-203.	1.6	109
79	Cdk10, a Cdc2-related kinase, associates with the Ets2 transcription factor and modulates its transactivation activity. Oncogene, 2001, 20, 1832-1838.	5.9	108
80	Extracellular Matrix and Colorectal Cancer: How Surrounding Microenvironment Affects Cancer Cell Behavior?. Journal of Cellular Physiology, 2017, 232, 967-975.	4.1	108
81	CDP/cut is the DNA-binding subunit of histone gene transcription factor HiNF-D: a mechanism for gene regulation at the G1/S phase cell cycle transition point independent of transcription factor E2F Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 11516-11521.	7.1	108
82	Activation of MyoD-dependent transcription by cdk9/cyclin T2. Oncogene, 2002, 21, 4137-4148.	5.9	106
83	Molecular pathways involved in neural in vitro differentiation of marrow stromal stem cells. Journal of Cellular Biochemistry, 2005, 94, 645-655.	2.6	106
84	Mechanisms of resistance in estrogen receptor positive breast cancer: overcoming resistance to tamoxifen/aromatase inhibitors. Current Opinion in Pharmacology, 2018, 41, 59-65.	3.5	105
85	CXCR4/YY1 inhibition impairs VEGF network and angiogenesis during malignancy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14484-14489.	7.1	104
86	Role of the cyclin-dependent kinase 9-related pathway in mammalian gene expression and human diseases. Cell Cycle, 2008, 7, 3664-3668.	2.6	101
87	Circulating tumor cells in immunohistochemical subtypes of metastatic breast cancer: lack of prediction in HER2-positive disease treated with targeted therapy. Annals of Oncology, 2012, 23, 1144-1150.	1.2	100
88	Effects of the probiotic formulation SLAB51 in <i>in vitro</i> and <i>in vivo</i> Parkinson's disease models. Aging, 2020, 12, 4641-4659.	3.1	100
89	Leptin/HER2 crosstalk in breast cancer: in vitro study and preliminary in vivoanalysis. BMC Cancer, 2008, 8, 305.	2.6	99
90	Activation of human B-MYB by cyclins. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 532-536.	7.1	98

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91	The Transcriptional Co-activators CBP and p300 Are Activated via Phenylephrine through the p42/p44 MAPK Cascade. Journal of Biological Chemistry, 2002, 277, 2517-2524.	3.4	96
92	Human polyomaviruses and brain tumors. Brain Research Reviews, 2005, 50, 69-85.	9.0	96
93	miR-29b induces SOCS-1 expression by promoter demethylation and negatively regulates migration of multiple myeloma and endothelial cells. Cell Cycle, 2013, 12, 3650-3662.	2.6	96
94	Circulating miR-22, miR-24 and miR-34a as novel predictive biomarkers to pemetrexed-based chemotherapy in advanced non small cell lung cancer. Journal of Cellular Physiology, 2013, 229, n/a-n/a.	4.1	96
95	Electromagnetic fields at mobile phone frequency induce apoptosis and inactivation of the multi-chaperone complex in human epidermoid cancer cells. Journal of Cellular Physiology, 2005, 204, 539-548.	4.1	95
96	Sensory or sympathetic white adipose tissue denervation differentially affects depot growth and cellularity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1028-R1037.	1.8	95
97	Deciphering the underlying genetic and epigenetic events leading to gastric carcinogenesis. Journal of Cellular Physiology, 2007, 211, 287-295.	4.1	95
98	CDK9: From Basal Transcription to Cancer and AIDS. Cancer Biology and Therapy, 2002, 1, 341-346.	3.4	94
99	Circulating tumor cells as early predictors of metastatic spread in breast cancer patients with limited metastatic dissemination. Breast Cancer Research, 2014, 16, 440.	5.0	94
100	Evidence for a functional nitric oxide synthase system in brown adipocyte nucleus. FEBS Letters, 2002, 514, 135-140.	2.8	93
101	Lung Cancer: Are we up to the Challenge?. Current Genomics, 2010, 11, 513-518.	1.6	93
102	CDK9: A key player in cancer and other diseases. Journal of Cellular Biochemistry, 2018, 119, 1273-1284.	2.6	93
103	Targeting of multiple myeloma-related angiogenesis by miR-199a-5p mimics: <i>in vitro</i> and <i>in vivo</i> anti-tumor activity. Oncotarget, 2014, 5, 3039-3054.	1.8	92
104	High Serum miR-19a Levels Are Associated with Inflammatory Breast Cancer and Are Predictive of Favorable Clinical Outcome in Patients with Metastatic HER2+ Inflammatory Breast Cancer. PLoS ONE, 2014, 9, e83113.	2.5	91
105	Baseline neutrophilia, derived neutrophilâ€toâ€lymphocyte ratio (dNLR), plateletâ€toâ€lymphocyte ratio (PLR), and outcome in non small cell lung cancer (NSCLC) treated with Nivolumab or Docetaxel. Journal of Cellular Physiology, 2018, 233, 6337-6343.	4.1	91
106	Genetic and epigenetic alterations as hallmarks of the intricate road to cancer. Oncogene, 2003, 22, 6472-6478.	5.9	90
107	Clinical Features and Outcomes of Pasteurella multocida Infection. Medicine (United States), 2015, 94, e1285.	1.0	90
108	Primary breast cancer patients with high risk clinicopathologic features have high percentages of bone marrow epithelial cells with ALDH activity and CD44+CD24lo cancer stem cell phenotype. European Journal of Cancer, 2011, 47, 1527-1536.	2.8	89

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109	Handgrip Strength Predicts Persistent Walking Recovery After Hip Fracture Surgery. American Journal of Medicine, 2013, 126, 1068-1075.e1.	1.5	89
110	Extensive Consensus Docking Evaluation for Ligand Pose Prediction and Virtual Screening Studies. Journal of Chemical Information and Modeling, 2014, 54, 2980-2986.	5.4	89
111	Inhibition of miR-21 restores RANKL/OPG ratio in multiple myeloma-derived bone marrow stromal cells and impairs the resorbing activity of mature osteoclasts. Oncotarget, 2015, 6, 27343-27358.	1.8	89
112	Relationship Between Lymphocytopenia and Circulating Tumor Cells as Prognostic Factors for Overall Survival in Metastatic Breast Cancer. Clinical Breast Cancer, 2012, 12, 264-269.	2.4	87
113	Leptin Increases Axonal Growth Cone Size in Developing Mouse Cortical Neurons by Convergent Signals Inactivating Glycogen Synthase Kinase-3β. Journal of Biological Chemistry, 2006, 281, 12950-12958.	3.4	86
114	A p53â€Dependent Tumor Suppressor Network Is Induced by Selective miRâ€125aâ€5p Inhibition in Multiple Myeloma Cells. Journal of Cellular Physiology, 2014, 229, 2106-2116.	4.1	86
115	MicroRNAs: A Puzzling Tool in Cancer Diagnostics and Therapy. Anticancer Research, 2016, 36, 5571-5576.	1.1	86
116	Gene Transfer Technology in Therapy: Current Applications and Future Goals. Stem Cells, 1999, 17, 191-202.	3.2	84
117	Metabolic syndrome affects breast cancer risk in postmenopausal women: National Cancer Institute of Naples experience. Cancer Biology and Therapy, 2010, 10, 1240-1243.	3.4	84
118	Cell cycle regulation of histone H1 kinase activity associated with the adenoviral protein E1A. Science, 1991, 253, 1271-1275.	12.6	83
119	Leptin Is Induced in the Ischemic Cerebral Cortex and Exerts Neuroprotection Through NF-κB/c-Rel–Dependent Transcription. Stroke, 2009, 40, 610-617.	2.0	83
120	Cyclin D1 Represses p300 Transactivation through a Cyclin-dependent Kinase-independent Mechanism. Journal of Biological Chemistry, 2005, 280, 29728-29742.	3.4	82
121	Evidence for dysregulation of cell cycle by human polyomavirus, JCV, late auxiliary protein. Oncogene, 2002, 21, 5574-5581.	5.9	81
122	Burkitt's lymphoma: new insights into molecular pathogenesis. Journal of Clinical Pathology, 2003, 56, 188-192.	2.0	79
123	Mechanism of leptin expression in breast cancer cells: role of hypoxia-inducible factor-1î±. Oncogene, 2008, 27, 540-547.	5.9	79
124	Targeting immune response with therapeutic vaccines in premalignant lesions and cervical cancer: hope or reality from clinical studies. Expert Review of Vaccines, 2016, 15, 1327-1336.	4.4	79
125	Nano-delivery systems for encapsulation of dietary polyphenols: An experimental approach for neurodegenerative diseases and brain tumors. Biochemical Pharmacology, 2018, 154, 303-317.	4.4	78
126	Obesity modulates the expression of haptoglobin in the white adipose tissue via TNF \hat{l}_{\pm} . Journal of Cellular Physiology, 2002, 190, 251-258.	4.1	77

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127	New findings on primary and acquired resistance to anti-EGFR therapy in metastatic colorectal cancer: do all roads lead to RAS?. Oncotarget, 2015, 6, 24780-24796.	1.8	77
128	Role of cell cycle regulators in tumor formation in transgenic mice expressing the human neurotropic virus, JCV, early protein. Journal of Cellular Biochemistry, 1997, 67, 223-230.	2.6	76
129	Immunohistochemical analysis of pRb2/p130, VEGF, EZH2, p53, p16 ^{INK4A} , p27 ^{KIP1} , p21 ^{WAF1} , Kiâ€67 expression patterns in gastric cancer. Journal of Cellular Physiology, 2007, 210, 183-191.	4.1	7 5
130	Emerging roles of RB family: New defense mechanisms against tumor progression. Journal of Cellular Physiology, 2013, 228, 525-535.	4.1	75
131	Inhibition of SNAP25 expression by HIVâ€1 Tat involves the activity of mirâ€128a. Journal of Cellular Physiology, 2008, 216, 764-770.	4.1	74
132	The retinoblastoma family: twins or distant cousins?. Genome Biology, 2002, 3, reviews3012.1.	9.6	73
133	Regional-dependent Increase of Sympathetic Innervation in Rat White Adipose Tissue during Prolonged Fasting. Journal of Histochemistry and Cytochemistry, 2005, 53, 679-687.	2.5	73
134	Circulating Tumor Cells (CTC) Are Associated with Defects in Adaptive Immunity in Patients with Inflammatory Breast Cancer. Journal of Cancer, 2016, 7, 1095-1104.	2.5	73
135	HLA-B*44 and C*01 Prevalence Correlates with Covid19 Spreading across Italy. International Journal of Molecular Sciences, 2020, 21, 5205.	4.1	73
136	Entangling COVID-19 associated thrombosis into a secondary antiphospholipid antibody syndrome: Diagnostic and therapeutic perspectives (Review). International Journal of Molecular Medicine, 2020, 46, 903-912.	4.0	73
137	A Unique Domain of pRb2/p130 Acts as an Inhibitor of Cdk2 Kinase Activity. Journal of Biological Chemistry, 1997, 272, 20971-20974.	3.4	72
138	CL316,243 and Cold Stress Induce Heterogeneous Expression of UCP1 mRNA and Protein in Rodent Brown Adipocytes. Journal of Histochemistry and Cytochemistry, 2002, 50, 21-31.	2.5	72
139	Ezh2 reduces the ability of HDAC1-dependent pRb2/p130 transcriptional repression of cyclin A. Oncogene, 2004, 23, 4930-4937.	5.9	72
140	In Vitro Senescence of Rat Mesenchymal Stem Cells is Accompanied by Downregulation of Stemness-Related and DNA Damage Repair Genes. Stem Cells and Development, 2009, 18, 1033-1042.	2.1	72
141	Pharmacometabolomics study identifies circulating spermidine and tryptophan as potential biomarkers associated with the complete pathological response to trastuzumab-paclitaxel neoadjuvant therapy in HER-2 positive breast cancer. Oncotarget, 2016, 7, 39809-39822.	1.8	72
142	Emerging roles of DNA tumor viruses in cell proliferation: new insights into genomic instability. Oncogene, 2003, 22, 6508-6516.	5.9	71
143	CDK Inhibitors: From the Bench to Clinical Trials. Current Drug Targets, 2010, 11, 279-290.	2.1	71
144	The Rb2/p130 gene product is a nuclear protein whose phosphorylation is cycle regulated. Journal of Cellular Biochemistry, 1995, 59, 402-408.	2.6	70

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145	Genetic Alterations of the Retinoblastoma-Related Gene RB2/p130 Identify Different Pathogenetic Mechanisms in and among Burkitt's Lymphoma Subtypes. American Journal of Pathology, 2000, 156, 751-760.	3.8	70
146	Modulation of Cell Cycle Components by Epigenetic and Genetic Events. Seminars in Oncology, 2005, 32, 452-457.	2.2	70
147	The retinoblastoma gene is involved in multiple aspects of stem cell biology. Oncogene, 2006, 25, 5250-5256.	5.9	70
148	From Inflammation to Cancer in Inflammatory Bowel Disease: Molecular Perspectives. Anticancer Research, 2016, 36, 1447-60.	1.1	70
149	Mass spectrometryâ€based proteomics: The road to lung cancer biomarker discovery. Mass Spectrometry Reviews, 2013, 32, 129-142.	5.4	69
150	Cell Cycle Genes in Ovarian Cancer. Clinical Cancer Research, 2004, 10, 8132-8141.	7.0	68
151	Pharmacoâ€metabolomics: An emerging "omics―tool for the personalization of anticancer treatments and identification of new valuable therapeutic targets. Journal of Cellular Physiology, 2012, 227, 2827-2831.	4.1	68
152	PPARÎ ³ Activation Attenuates Opioid Consumption and Modulates Mesolimbic Dopamine Transmission. Neuropsychopharmacology, 2015, 40, 927-937.	5.4	67
153	Physical interaction between pRb and cdk9/cyclinT2 complex. Oncogene, 2002, 21, 4158-4165.	5.9	66
154	Prognostic Value of EMT-Circulating Tumor Cells in Metastatic Breast Cancer Patients Undergoing High-Dose Chemotherapy with Autologous Hematopoietic Stem Cell Transplantation. Journal of Cancer, 2012, 3, 369-380.	2.5	65
155	Thermodynamics of the interaction of cyclodextrins with aromatic and $\hat{l}\pm$, \hat{l} %-amino acids in aqueous solutions: a calorimetric study at 25ŰC. Carbohydrate Research, 1995, 272, 31-39.	2.3	64
156	Transcriptional regulation by targeted recruitment of cyclin-dependent CDK9 kinase in vivo. Oncogene, 1999, 18, 4598-4605.	5.9	64
157	Retinoblastoma tumor-suppressor protein phosphorylation and inactivation depend on direct interaction with Pin1. Cell Death and Differentiation, 2012, 19, 1152-1161.	11.2	64
158	Transcription of histone H4, H3, and H1 cell cycle genes: promoter factor HiNF-D contains CDC2, cyclin A, and an RB-related protein Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 12882-12886.	7.1	63
159	Adenoviral RB2/p130 Gene Transfer Inhibits Smooth Muscle Cell Proliferation and Prevents Restenosis After Angioplasty. Circulation Research, 1999, 85, 1032-1039.	4.5	63
160	Stem cells and brain cancer. Cell Death and Differentiation, 2006, 13, 5-11.	11.2	63
161	The RB family of cell cycle regulatory factors. Journal of Cellular Biochemistry, 1998, 72, 30-36.	2.6	63
162	Retinoblastoma-Related Protein pRb2/p130 and Suppression of Tumor Growth In Vivo. Journal of the National Cancer Institute, 1998, 90, 1451-1460.	6.3	62

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163	Cocoa powder triggers neuroprotective and preventive effects in a human Alzheimer's disease model by modulating BDNF signaling pathway. Journal of Cellular Biochemistry, 2013, 114, 2209-2220.	2.6	61
164	Decellularized colorectal cancer matrix as bioactive microenvironment for in vitro 3D cancer research. Journal of Cellular Physiology, 2018, 233, 5937-5948.	4.1	61
165	The effects of HIV-1 Tat protein on cell cycle during cervical carcinogenesis. Cancer Biology and Therapy, 2006, 5, 684-690.	3.4	60
166	Low concentrations of isothiocyanates protect mesenchymal stem cells from oxidative injuries, while high concentrations exacerbate DNA damage. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 964-974.	4.9	60
167	CDK9 (PITALRE): A multifunctional cdc2-related kinase. Journal of Cellular Physiology, 1998, 177, 501-506.	4.1	58
168	Protein Kinases: Docking and Homology Modeling Reliability. Journal of Chemical Information and Modeling, 2010, 50, 1432-1441.	5.4	58
169	Targeting CXCR1 on breast cancer stem cells: signaling pathways and clinical application modelling. Oncotarget, 2015, 6, 43375-43394.	1.8	58
170	MicroRNAs Dysregulation and Mitochondrial Dysfunction in Neurodegenerative Diseases. International Journal of Molecular Sciences, 2020, 21, 5986.	4.1	58
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