

Antonio Giordano

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761 papers	34,244 citations	84 h-index	154 g-index
821 ext. papers	38,783 ext. citations	6.6 avg, IF	7.22 L-index

#	Paper	IF	Citations
761	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
760	Formation and activation of a cyclin E-cdk2 complex during the G1 phase of the human cell cycle. <i>Science</i> , 1992 , 257, 1689-94	33.3	962
759	RB and cell cycle progression. <i>Oncogene</i> , 2006 , 25, 5220-7	9.2	799
758	Cell cycle kinases as therapeutic targets for cancer. <i>Nature Reviews Drug Discovery</i> , 2009 , 8, 547-66	64.1	681
757	Recruitment of p300/CBP in p53-dependent signal pathways. <i>Cell</i> , 1997 , 89, 1175-84	56.2	621
756	From the laboratory bench to the patient's bedside: an update on clinical trials with mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2007 , 211, 27-35	7	519
755	From cell-ECM interactions to tissue engineering. <i>Journal of Cellular Physiology</i> , 2004 , 199, 174-80	7	493
754	Cell cycle and apoptosis. <i>Neoplasia</i> , 2000 , 2, 291-9	6.4	382
753	Taxane-based combinations as adjuvant chemotherapy of early breast cancer: a meta-analysis of randomized trials. <i>Journal of Clinical Oncology</i> , 2008 , 26, 44-53	2.2	327
752	The vascular endothelium of the adipose tissue gives rise to both white and brown fat cells. <i>Cell Metabolism</i> , 2012 , 15, 222-9	24.6	284
751	Smart materials as scaffolds for tissue engineering. <i>Journal of Cellular Physiology</i> , 2005 , 203, 465-70	7	283
750	Human p300 protein is a coactivator for the transcription factor MyoD. <i>Journal of Biological Chemistry</i> , 1996 , 271, 9009-13	5.4	277
749	A 60 kd cdc2-associated polypeptide complexes with the E1A proteins in adenovirus-infected cells. <i>Cell</i> , 1989 , 58, 981-90	56.2	262
748	Curcumin and Cancer. <i>Nutrients</i> , 2019 , 11,	6.7	242
747	p300 and CBP: partners for life and death. <i>Journal of Cellular Physiology</i> , 1999 , 181, 218-30	7	239
746	Cyclins, cyclin-dependent kinases and cdk inhibitors: implications in cell cycle control and cancer. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 1995 , 5, 127-56	1.3	227
745	p300 is required for MyoD-dependent cell cycle arrest and muscle-specific gene transcription. <i>EMBO Journal</i> , 1997 , 16, 369-83	13	226

744	Detection and characterization of CD133+ cancer stem cells in human solid tumours. <i>PLoS ONE</i> , 2008 , 3, e3469	3.7	222
743	Simian virus-40 large-T antigen binds p53 in human mesotheliomas. <i>Nature Medicine</i> , 1997 , 3, 908-12	50.5	220
742	Mechanisms of endocrine resistance and novel therapeutic strategies in breast cancer. <i>Endocrine-Related Cancer</i> , 2005 , 12, 721-47	5.7	214
741	Advantages and limitations of microarray technology in human cancer. <i>Oncogene</i> , 2003 , 22, 6497-507	9.2	204
740	Activation and function of cyclin T-Cdk9 (positive transcription elongation factor-b) in cardiac muscle-cell hypertrophy. <i>Nature Medicine</i> , 2002 , 8, 1310-7	50.5	202
739	Cell cycle regulation and neural differentiation. <i>Oncogene</i> , 2003 , 22, 5208-19	9.2	197
738	PITALRE, a nuclear CDC2-related protein kinase that phosphorylates the retinoblastoma protein in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 3834-8	11.5	189
737	Decorin-induced growth suppression is associated with up-regulation of p21, an inhibitor of cyclin-dependent kinases. <i>Journal of Biological Chemistry</i> , 1996 , 271, 18961-5	5.4	188
736	Class I histone deacetylases sequentially interact with MyoD and pRb during skeletal myogenesis. <i>Molecular Cell</i> , 2001 , 8, 885-97	17.6	185
735	The retinoblastoma gene family pRb/p105, p107, pRb2/p130 and simian virus-40 large T-antigen in human mesotheliomas. <i>Nature Medicine</i> , 1997 , 3, 913-6	50.5	178
734	Leptin signaling in breast cancer: an overview. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 956-64	4.7	172
733	Targeting miR-21 inhibits in vitro and in vivo multiple myeloma cell growth. <i>Clinical Cancer Research</i> , 2013 , 19, 2096-106	12.9	165
732	Epithelial-mesenchymal transition and stem cell markers in patients with HER2-positive metastatic breast cancer. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 2526-34	6.1	165
731	Circulating tumor cells as prognostic and predictive markers in metastatic breast cancer patients receiving first-line systemic treatment. <i>Breast Cancer Research</i> , 2011 , 13, R67	8.3	161
730	White, brown and pink adipocytes: the extraordinary plasticity of the adipose organ. <i>European Journal of Endocrinology</i> , 2014 , 170, R159-71	6.5	160
729	A critical overview of ESEM applications in the biological field. <i>Journal of Cellular Physiology</i> , 2005 , 205, 328-34	7	160
728	Obese adipocytes show ultrastructural features of stressed cells and die of pyroptosis. <i>Journal of Lipid Research</i> , 2013 , 54, 2423-36	6.3	158
727	Retinoblastoma protein family in cell cycle and cancer: A review 1996 , 62, 418-430		145

726	miR-29b negatively regulates human osteoclastic cell differentiation and function: implications for the treatment of multiple myeloma-related bone disease. <i>Journal of Cellular Physiology</i> , 2013 , 228, 1506-1515	7.15	138
725	Detection of human neurotropic JC virus DNA sequence and expression of the viral oncogenic protein in pediatric medulloblastomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 11519-24	11.5	138
724	Epigenetic information and estrogen receptor alpha expression in breast cancer. <i>Oncologist</i> , 2006 , 11, 1-8	5.7	137
723	Convertible visceral fat as a therapeutic target to curb obesity. <i>Nature Reviews Drug Discovery</i> , 2016 , 15, 405-24	64.1	134
722	The interaction of the SRA domain of ICBP90 with a novel domain of DNMT1 is involved in the regulation of VEGF gene expression. <i>Oncogene</i> , 2008 , 27, 2187-97	9.2	133
721	DNA-demethylating and anti-tumor activity of synthetic miR-29b mimics in multiple myeloma. <i>Oncotarget</i> , 2012 , 3, 1246-58	3.3	127
720	Expression of epithelial-mesenchymal transition-inducing transcription factors in primary breast cancer: The effect of neoadjuvant therapy. <i>International Journal of Cancer</i> , 2012 , 130, 808-16	7.5	125
719	Medulloblastoma: from molecular pathology to therapy. <i>Clinical Cancer Research</i> , 2008 , 14, 971-6	12.9	123
718	From G0 to S phase: a view of the roles played by the retinoblastoma (Rb) family members in the Rb-E2F pathway. <i>Journal of Cellular Biochemistry</i> , 2007 , 102, 1400-4	4.7	123
717	Reversible transdifferentiation of secretory epithelial cells into adipocytes in the mammary gland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 16801-6	11.5	120
716	Virtual Reality as a Distraction Intervention to Relieve Pain and Distress During Medical Procedures: A Comprehensive Literature Review. <i>Clinical Journal of Pain</i> , 2018 , 34, 858-877	3.5	118
715	A decade of EGFR inhibition in EGFR-mutated non small cell lung cancer (NSCLC): Old successes and future perspectives. <i>Oncotarget</i> , 2015 , 6, 26814-25	3.3	117
714	Rb family proteins as modulators of gene expression and new aspects regarding the interaction with chromatin remodeling enzymes. <i>Oncogene</i> , 2006 , 25, 5263-7	9.2	117
713	pRb2/p130-E2F4/5-HDAC1-SUV39H1-p300 and pRb2/p130-E2F4/5-HDAC1-SUV39H1-DNMT1 multimolecular complexes mediate the transcription of estrogen receptor-alpha in breast cancer. <i>Oncogene</i> , 2003 , 22, 3511-7	9.2	115
712	Overview of CDK9 as a target in cancer research. <i>Cell Cycle</i> , 2016 , 15, 519-27	4.7	113
711	Deregulated expression of miR-26a and Ezh2 in rhabdomyosarcoma. <i>Cell Cycle</i> , 2009 , 8, 172-5	4.7	113
710	Scaffold3 surface geometry significantly affects human stem cell bone tissue engineering. <i>Journal of Cellular Physiology</i> , 2008 , 214, 166-72	7	113
709	Latest developments in gene transfer technology: achievements, perspectives, and controversies over therapeutic applications. <i>Stem Cells</i> , 2000 , 18, 19-39	5.8	113

708	Activated Raf-1 causes growth arrest in human small cell lung cancer cells. <i>Journal of Clinical Investigation</i> , 1998 , 101, 153-9	15.9	113
707	Virtual Reality in Health System: Beyond Entertainment. A Mini-Review on the Efficacy of VR During Cancer Treatment. <i>Journal of Cellular Physiology</i> , 2016 , 231, 275-87	7	113
706	Antisense oligonucleotides as therapeutic agents. <i>Journal of Cellular Physiology</i> , 1999 , 181, 251-7	7	111
705	Triple negative breast cancer: looking for the missing link between biology and treatments. <i>Oncotarget</i> , 2015 , 6, 26560-74	3.3	109
704	White adipose tissue lacks significant vagal innervation and immunohistochemical evidence of parasympathetic innervation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 291, R1243-55	3.2	109
703	In vitro and in vivo anti-tumor activity of miR-221/222 inhibitors in multiple myeloma. <i>Oncotarget</i> , 2013 , 4, 242-55	3.3	109
702	Combination of bevacizumab and docetaxel in docetaxel-pretreated hormone-refractory prostate cancer: a phase 2 study. <i>European Urology</i> , 2008 , 54, 1089-94	10.2	106
701	The gap between the physiological and therapeutic roles of mesenchymal stem cells. <i>Medicinal Research Reviews</i> , 2014 , 34, 1100-26	14.4	101
700	Role of p53 in the Regulation of Cellular Senescence. <i>Biomolecules</i> , 2020 , 10,	5.9	98
699	Pacing-induced heart failure in dogs enhances the expression of p53 and p53-dependent genes in ventricular myocytes. <i>Circulation</i> , 1998 , 97, 194-203	16.7	98
698	Molecular pathways involved in neural in vitro differentiation of marrow stromal stem cells. <i>Journal of Cellular Biochemistry</i> , 2005 , 94, 645-55	4.7	97
697	Cdk10, a Cdc2-related kinase, associates with the Ets2 transcription factor and modulates its transactivation activity. <i>Oncogene</i> , 2001 , 20, 1832-8	9.2	96
696	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. <i>Journal of Neurocytology</i> , 1996 , 25, 125-36		96
695	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 11516-21	11.5	95
694	Role of the cyclin-dependent kinase 9-related pathway in mammalian gene expression and human diseases. <i>Cell Cycle</i> , 2008 , 7, 3664-8	4.7	92
693	snRNA-seq reveals a subpopulation of adipocytes that regulates thermogenesis. <i>Nature</i> , 2020 , 587, 98-102	10.4	92
692	Glioblastoma Stem Cells Microenvironment: The Paracrine Roles of the Niche in Drug and Radioresistance. <i>Stem Cells International</i> , 2016 , 2016, 6809105	5	92
691	RB1 dual role in proliferation and apoptosis: cell fate control and implications for cancer therapy. <i>Oncotarget</i> , 2015 , 6, 17873-90	3.3	91

690	Activation of MyoD-dependent transcription by cdk9/cyclin T2. <i>Oncogene</i> , 2002 , 21, 4137-48	9.2	91
689	Brown adipose tissue whitening leads to brown adipocyte death and adipose tissue inflammation. <i>Journal of Lipid Research</i> , 2018 , 59, 784-794	6.3	90
688	CXCR4/YY1 inhibition impairs VEGF network and angiogenesis during malignancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 14484-9	11.5	90
687	Deciphering the underlying genetic and epigenetic events leading to gastric carcinogenesis. <i>Journal of Cellular Physiology</i> , 2007 , 211, 287-95	7	89
686	Human polyomaviruses and brain tumors. <i>Brain Research Reviews</i> , 2005 , 50, 69-85		89
685	Electromagnetic fields at mobile phone frequency induce apoptosis and inactivation of the multi-chaperone complex in human epidermoid cancer cells. <i>Journal of Cellular Physiology</i> , 2005 , 204, 539-48	7	89
684	pRb and the cdks in apoptosis and the cell cycle. <i>Cell Death and Differentiation</i> , 1998 , 5, 132-40	12.7	88
683	Activation of human B-MYB by cyclins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 532-6	11.5	88
682	Adipocyte cannabinoid receptor CB1 regulates energy homeostasis and alternatively activated macrophages. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4148-4162	15.9	87
681	Circulating tumor cells in immunohistochemical subtypes of metastatic breast cancer: lack of prediction in HER2-positive disease treated with targeted therapy. <i>Annals of Oncology</i> , 2012 , 23, 1144-1150	10.3	87
680	miR-29b induces SOCS-1 expression by promoter demethylation and negatively regulates migration of multiple myeloma and endothelial cells. <i>Cell Cycle</i> , 2013 , 12, 3650-62	4.7	86
679	Extracellular Matrix and Colorectal Cancer: How Surrounding Microenvironment Affects Cancer Cell Behavior?. <i>Journal of Cellular Physiology</i> , 2017 , 232, 967-975	7	84
678	The transcriptional co-activators CBP and p300 are activated via phenylephrine through the p42/p44 MAPK cascade. <i>Journal of Biological Chemistry</i> , 2002 , 277, 2517-24	5.4	84
677	Evidence for a functional nitric oxide synthase system in brown adipocyte nucleus. <i>FEBS Letters</i> , 2002 , 514, 135-40	3.8	84
676	Circulating miR-22, miR-24 and miR-34a as novel predictive biomarkers to pemetrexed-based chemotherapy in advanced non-small cell lung cancer. <i>Journal of Cellular Physiology</i> , 2014 , 229, 97-9	7	83
675	Lung Cancer: Are we up to the Challenge?. <i>Current Genomics</i> , 2010 , 11, 513-8	2.6	82
674	Cyclin D1 represses p300 transactivation through a cyclin-dependent kinase-independent mechanism. <i>Journal of Biological Chemistry</i> , 2005 , 280, 29728-42	5.4	81
673	The carnitine system and cancer metabolic plasticity. <i>Cell Death and Disease</i> , 2018 , 9, 228	9.8	80

672	Primary breast cancer patients with high risk clinicopathologic features have high percentages of bone marrow epithelial cells with ALDH activity and CD44+CD24 ^{lo} cancer stem cell phenotype. <i>European Journal of Cancer</i> , 2011 , 47, 1527-36	7.5	80
671	Targeting of multiple myeloma-related angiogenesis by miR-199a-5p mimics: in vitro and in vivo anti-tumor activity. <i>Oncotarget</i> , 2014 , 5, 3039-54	3.3	80
670	MicroRNAs: A Puzzling Tool in Cancer Diagnostics and Therapy. <i>Anticancer Research</i> , 2016 , 36, 5571-5575.	5.3	79
669	Inhibition of miR-21 restores RANKL/OPG ratio in multiple myeloma-derived bone marrow stromal cells and impairs the resorbing activity of mature osteoclasts. <i>Oncotarget</i> , 2015 , 6, 27343-58	3.3	78
668	Leptin/HER2 crosstalk in breast cancer: in vitro study and preliminary in vivo analysis. <i>BMC Cancer</i> , 2008 , 8, 305	4.8	78
667	Circulating tumor cells as early predictors of metastatic spread in breast cancer patients with limited metastatic dissemination. <i>Breast Cancer Research</i> , 2014 , 16, 440	8.3	77
666	Evidence for dysregulation of cell cycle by human polyomavirus, JCV, late auxiliary protein. <i>Oncogene</i> , 2002 , 21, 5574-81	9.2	77
665	A p53-dependent tumor suppressor network is induced by selective miR-125a-5p inhibition in multiple myeloma cells. <i>Journal of Cellular Physiology</i> , 2014 , 229, 2106-16	7	76
664	Leptin is induced in the ischemic cerebral cortex and exerts neuroprotection through NF-kappaB/c-Rel-dependent transcription. <i>Stroke</i> , 2009 , 40, 610-7	6.7	74
663	Leptin increases axonal growth cone size in developing mouse cortical neurons by convergent signals inactivating glycogen synthase kinase-3beta. <i>Journal of Biological Chemistry</i> , 2006 , 281, 12950-8	5.4	74
662	Sensory or sympathetic white adipose tissue denervation differentially affects depot growth and cellularity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R1028-37	3.2	74
661	Mechanism of leptin expression in breast cancer cells: role of hypoxia-inducible factor-1alpha. <i>Oncogene</i> , 2008 , 27, 540-7	9.2	72
660	Genetic and epigenetic alterations as hallmarks of the intricate road to cancer. <i>Oncogene</i> , 2003 , 22, 6472-8	9.8	72
659	Gene transfer technology in therapy: current applications and future goals. <i>Stem Cells</i> , 1999 , 17, 191-202.	5.8	72
658	Handgrip strength predicts persistent walking recovery after hip fracture surgery. <i>American Journal of Medicine</i> , 2013 , 126, 1068-75.e1	2.4	71
657	New findings on primary and acquired resistance to anti-EGFR therapy in metastatic colorectal cancer: do all roads lead to RAS?. <i>Oncotarget</i> , 2015 , 6, 24780-96	3.3	70
656	CDK9 inhibitors in acute myeloid leukemia. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018 , 37, 36	12.8	69
655	Role of cell cycle regulators in tumor formation in transgenic mice expressing the human neurotropic virus, JCV, early protein. <i>Journal of Cellular Biochemistry</i> , 1997 , 67, 223-30	4.7	69

654	Obesity modulates the expression of haptoglobin in the white adipose tissue via TNFalpha. <i>Journal of Cellular Physiology</i> , 2002 , 190, 251-8	7	69
653	Cell cycle regulation of histone H1 kinase activity associated with the adenoviral protein E1A. <i>Science</i> , 1991 , 253, 1271-5	33.3	69
652	Inflammation Mediated Metastasis: Immune Induced Epithelial-To-Mesenchymal Transition in Inflammatory Breast Cancer Cells. <i>PLoS ONE</i> , 2015 , 10, e0132710	3.7	69
651	Endocrine treatment versus chemotherapy in postmenopausal women with hormone receptor-positive, HER2-negative, metastatic breast cancer: a systematic review and network meta-analysis. <i>Lancet Oncology, The</i> , 2019 , 20, 1360-1369	21.7	68
650	Relationship between lymphocytopenia and circulating tumor cells as prognostic factors for overall survival in metastatic breast cancer. <i>Clinical Breast Cancer</i> , 2012 , 12, 264-9	3	67
649	Extensive consensus docking evaluation for ligand pose prediction and virtual screening studies. <i>Journal of Chemical Information and Modeling</i> , 2014 , 54, 2980-6	6.1	66
648	Metabolic syndrome affects breast cancer risk in postmenopausal women: National Cancer Institute of Naples experience. <i>Cancer Biology and Therapy</i> , 2010 , 10, 1240-3	4.6	66
647	Immunohistochemical analysis of pRb2/p130, VEGF, EZH2, p53, p16(INK4A), p27(KIP1), p21(WAF1), Ki-67 expression patterns in gastric cancer. <i>Journal of Cellular Physiology</i> , 2007 , 210, 183-91	7	66
646	A meta-analytic review of the relationship of cancer coping self-efficacy with distress and quality of life. <i>Oncotarget</i> , 2017 , 8, 36800-36811	3.3	66
645	Baseline neutrophilia, derived neutrophil-to-lymphocyte ratio (dNLR), platelet-to-lymphocyte ratio (PLR), and outcome in non small cell lung cancer (NSCLC) treated with Nivolumab or Docetaxel. <i>Journal of Cellular Physiology</i> , 2018 , 233, 6337-6343	7	65
644	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. <i>PLoS ONE</i> , 2014 , 9, e83113	3.7	65
643	A unique domain of pRb2/p130 acts as an inhibitor of Cdk2 kinase activity. <i>Journal of Biological Chemistry</i> , 1997 , 272, 20971-4	5.4	65
642	Regional-dependent increase of sympathetic innervation in rat white adipose tissue during prolonged fasting. <i>Journal of Histochemistry and Cytochemistry</i> , 2005 , 53, 679-87	3.4	65
641	The retinoblastoma family: twins or distant cousins?. <i>Genome Biology</i> , 2002 , 3, reviews3012	18.3	65
640	In vitro senescence of rat mesenchymal stem cells is accompanied by downregulation of stemness-related and DNA damage repair genes. <i>Stem Cells and Development</i> , 2009 , 18, 1033-42	4.4	64
639	Inhibition of SNAP25 expression by HIV-1 Tat involves the activity of mir-128a. <i>Journal of Cellular Physiology</i> , 2008 , 216, 764-70	7	64
638	CDK9: From Basal Transcription to Cancer and AIDS. <i>Cancer Biology and Therapy</i> , 2002 , 1, 341-346	4.6	64
637	The RB2/p130 gene product is a nuclear protein whose phosphorylation is cell cycle regulated. <i>Journal of Cellular Biochemistry</i> , 1995 , 59, 402-8	4.7	64

636	Emerging roles of RB family: new defense mechanisms against tumor progression. <i>Journal of Cellular Physiology</i> , 2013 , 228, 525-35	7	63
635	Burkitt's lymphoma: new insights into molecular pathogenesis. <i>Journal of Clinical Pathology</i> , 2003 , 56, 188-92	3.9	63
634	Ezh2 reduces the ability of HDAC1-dependent pRb2/p130 transcriptional repression of cyclin A. <i>Oncogene</i> , 2004 , 23, 4930-7	9.2	63
633	Genetic alterations of the retinoblastoma-related gene RB2/p130 identify different pathogenetic mechanisms in and among Burkitt's lymphoma subtypes. <i>American Journal of Pathology</i> , 2000 , 156, 751-60	5.8	63
632	Transcriptional regulation by targeted recruitment of cyclin-dependent CDK9 kinase in vivo. <i>Oncogene</i> , 1999 , 18, 4598-605	9.2	63
631	CDK9: A key player in cancer and other diseases. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 1273-1284	4.7	62
630	CDK inhibitors: from the bench to clinical trials. <i>Current Drug Targets</i> , 2010 , 11, 279-90	3	62
629	Modulation of cell cycle components by epigenetic and genetic events. <i>Seminars in Oncology</i> , 2005 , 32, 452-7	5.5	61
628	Mechanisms of resistance in estrogen receptor positive breast cancer: overcoming resistance to tamoxifen/aromatase inhibitors. <i>Current Opinion in Pharmacology</i> , 2018 , 41, 59-65	5.1	60
627	Physical interaction between pRb and cdk9/cyclinT2 complex. <i>Oncogene</i> , 2002 , 21, 4158-65	9.2	60
626	The retinoblastoma gene is involved in multiple aspects of stem cell biology. <i>Oncogene</i> , 2006 , 25, 5250-6	9.2	59
625	Emerging roles of DNA tumor viruses in cell proliferation: new insights into genomic instability. <i>Oncogene</i> , 2003 , 22, 6508-16	9.2	59
624	Adenoviral RB2/p130 gene transfer inhibits smooth muscle cell proliferation and prevents restenosis after angioplasty. <i>Circulation Research</i> , 1999 , 85, 1032-9	15.7	59
623	Transcription of histone H4, H3, and H1 cell cycle genes: promoter factor HiNF-D contains CDC2, cyclin A, and an RB-related protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 12882-6	11.5	59
622	Prognostic Value of EMT-Circulating Tumor Cells in Metastatic Breast Cancer Patients Undergoing High-Dose Chemotherapy with Autologous Hematopoietic Stem Cell Transplantation. <i>Journal of Cancer</i> , 2012 , 3, 369-80	4.5	58
621	Targeting immune response with therapeutic vaccines in premalignant lesions and cervical cancer: hope or reality from clinical studies. <i>Expert Review of Vaccines</i> , 2016 , 15, 1327-36	5.2	58
620	Mass spectrometry-based proteomics: the road to lung cancer biomarker discovery. <i>Mass Spectrometry Reviews</i> , 2013 , 32, 129-42	11	57
619	Retinoblastoma-related protein pRb2/p130 and suppression of tumor growth in vivo. <i>Journal of the National Cancer Institute</i> , 1998 , 90, 1451-60	9.7	57

618	From Inflammation to Cancer in Inflammatory Bowel Disease: Molecular Perspectives. <i>Anticancer Research</i> , 2016 , 36, 1447-60	2.3	57
617	Pharmaco-metabolomics: an emerging "omics" tool for the personalization of anticancer treatments and identification of new valuable therapeutic targets. <i>Journal of Cellular Physiology</i> , 2012 , 227, 2827-31	7	56
616	CL316,243 and cold stress induce heterogeneous expression of UCP1 mRNA and protein in rodent brown adipocytes. <i>Journal of Histochemistry and Cytochemistry</i> , 2002 , 50, 21-31	3.4	56
615	Thermodynamics of the interaction of cyclodextrins with aromatic and α -amino acids in aqueous solutions: a calorimetric study at 25°C. <i>Carbohydrate Research</i> , 1995 , 272, 31-39	2.9	56
614	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. <i>Oncotarget</i> , 2016 , 7, 39809-39822	3.3	54
613	Circulating Tumor Cells (CTC) Are Associated with Defects in Adaptive Immunity in Patients with Inflammatory Breast Cancer. <i>Journal of Cancer</i> , 2016 , 7, 1095-104	4.5	54
612	Targeting CXCR1 on breast cancer stem cells: signaling pathways and clinical application modelling. <i>Oncotarget</i> , 2015 , 6, 43375-94	3.3	53
611	Protein kinases: docking and homology modeling reliability. <i>Journal of Chemical Information and Modeling</i> , 2010 , 50, 1432-41	6.1	53
610	Stem cells and brain cancer. <i>Cell Death and Differentiation</i> , 2006 , 13, 5-11	12.7	53
609	The RB family of cell cycle regulatory factors. <i>Journal of Cellular Biochemistry</i> , 1998 , 72, 30-36	4.7	53
608	Cell cycle genes in ovarian cancer: steps toward earlier diagnosis and novel therapies. <i>Clinical Cancer Research</i> , 2004 , 10, 8132-41	12.9	52
607	Prognostic role of cyclin D1 in lung cancer. Relationship to proliferating cell nuclear antigen. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999 , 20, 746-50	5.7	52
606	Effects of the probiotic formulation SLAB51 in and Parkinson's disease models. <i>Aging</i> , 2020 , 12, 4641-4658	5.8	52
605	Nano-delivery systems for encapsulation of dietary polyphenols: An experimental approach for neurodegenerative diseases and brain tumors. <i>Biochemical Pharmacology</i> , 2018 , 154, 303-317	6	52
604	MicroRNA-29b-1 impairs in vitro cell proliferation, self-renewal and chemoresistance of human osteosarcoma 3AB-OS cancer stem cells. <i>International Journal of Oncology</i> , 2014 , 45, 2013-23	4.4	51
603	Clinical Features and Outcomes of <i>Pasteurella multocida</i> Infection. <i>Medicine (United States)</i> , 2015 , 94, e1285	1.8	51
602	Characterization of a novel peripheral pro-lipolytic mechanism in mice: role of VGF-derived peptide TLQP-21. <i>Biochemical Journal</i> , 2012 , 441, 511-22	3.8	50
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13 Potential of Heat Shock Protein Targeting for Human Therapy 315-335

12 The Role of Epigenetic Modifications in Cancer 113-144

11 Epigenetic Targets and Drug Development 351-367

10 Recent Advances in the Field of Stem Cell Research: Toward the Definition of the Epigenetic and Genetic Codes of Pluripotency 299-313

9 Epigenetic Modulation in Cell Development and Differentiation 45-55

8 Epigenetics in Skeletal Muscle Development 15-24

7 Epigenetic Modulation of Cell Cycle: An Overview 1-14

6 Epigenetics, MicroRNAs, and Cancer: An Update 101-112

5 Epigenetic Control in Cellular Senescence 25-44

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