Alfonso Bellacosa

List of Publications by Year
in descending order

45	7,311	230014 27	312153 41
papers	citations	h-index	g-index

49	49	49	10477
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Roles of TET and TDG in DNA demethylation in proliferating and non-proliferating immune cells. Genome Biology, 2021, 22, 186.	3.8	31
2	Clinical and Molecular Features of Anti-CENP-B Autoantibodies. Journal of Molecular Pathology, 2021, 2, 281-295.	0.5	7
3	Active DNA demethylationâ€"The epigenetic gatekeeper of development, immunity, and cancer. Genetics & Genomics Next, 2021, 2, e10033.	0.8	3
4	NeuroD1 Dictates Tumor Cell Differentiation in Medulloblastoma. Cell Reports, 2020, 31, 107782.	2.9	35
5	Modification of the base excision repair enzyme MBD4 by the small ubiquitin-like molecule SUMO1. DNA Repair, 2019, 82, 102687.	1.3	4
6	Thymine DNA glycosylase as a novel target for melanoma. Oncogene, 2019, 38, 3710-3728.	2.6	28
7	An Intrinsic Epigenetic Barrier for Functional Axon Regeneration. Neuron, 2017, 94, 337-346.e6.	3.8	130
8	Haploinsufficiency in tumor predisposition syndromes: altered genomic transcription in morphologically normal cells heterozygous for VHL or TSC mutation. Oncotarget, 2017, 8, 17628-17642.	0.8	11
9	Thymine DNA Glycosylase (TDG) is involved in the pathogenesis of intestinal tumors with reduced APC expression. Oncotarget, 2017, 8, 89988-89997.	0.8	18
10	Interaction with the DNA Repair Protein Thymine DNA Glycosylase Regulates Histone Acetylation by p300. Biochemistry, 2016, 55, 6766-6775.	1.2	17
11	Active DNA Demethylation in Development, Human Disease, and Cancer. , 2016, , 517-548.		0
12	Role of base excision repair in maintaining the genetic and epigenetic integrity of CpG sites. DNA Repair, 2015, 32, 33-42.	1.3	79
13	Involvement of MBD4 inactivation in mismatch repair-deficient tumorigenesis. Oncotarget, 2015, 6, 42892-42904.	0.8	43
14	Developmental disease and cancer: Biological and clinical overlaps. American Journal of Medical Genetics, Part A, 2013, 161, 2788-2796.	0.7	33
15	Complex Relationship between Mismatch Repair Proteins and MBD4 during Immunoglobulin Class Switch Recombination. PLoS ONE, 2013, 8, e78370.	1.1	16
16	DNA demethylation by TDG. Epigenomics, 2012, 4, 459-467.	1.0	59
17	Dose Dependent Effects on Cell Cycle Checkpoints and DNA Repair by Bendamustine. PLoS ONE, 2012, 7, e40342.	1.1	27
18	Thymine DNA Glycosylase Is Essential for Active DNA Demethylation by Linked Deamination-Base Excision Repair. Cell, 2011, 146, 67-79.	13.5	700

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19	APC+/â^' alters colonic fibroblast proteome in FAP. Oncotarget, 2011, 2, 197-208.	0.8	18
20	Altered Gene Expression in Morphologically Normal Epithelial Cells from Heterozygous Carriers of BRCA1 or BRCA2 Mutations. Cancer Prevention Research, 2010, 3, 48-61.	0.7	56
21	Epigenetic downregulation of the DNA repair gene MED1/MBD4 in colorectal and ovarian cancer. Cancer Biology and Therapy, 2009, 8, 94-100.	1.5	39
22	Defective ciliogenesis, embryonic lethality and severe impairment of the Sonic Hedgehog pathway caused by inactivation of the mouse complex A intraflagellar transport gene Ift122/Wdr10, partially overlapping with the DNA repair gene Med1/Mbd4. Developmental Biology, 2009, 325, 225-237.	0.9	114
23	Comparison of RNA amplification methods and chip platforms for microarray analysis of samples processed by laser capture microdissection. Journal of Cellular Biochemistry, 2008, 103, 556-563.	1.2	33
24	One-Hit Effects in Cancer: Altered Proteome of Morphologically Normal Colon Crypts in Familial Adenomatous Polyposis. Cancer Research, 2008, 68, 7579-7586.	0.4	46
25	The DNA N-Glycosylase MED1 Exhibits Preference for Halogenated Pyrimidines and Is Involved in the Cytotoxicity of 5-Iododeoxyuridine. Cancer Research, 2006, 66, 7686-7693.	0.4	54
26	Mutations of thePIK3CAgene in ovarian and breast cancer. Women's Oncology Review, 2005, 5, 223-225.	0.0	1
27	Epithelialâ€“mesenchymal transition in development and cancer: role of phosphatidylinositol 3â€² kinase/AKT pathways. Oncogene, 2005, 24, 7443-7454.	2.6	1,078
28	Activation of AKT Kinases in Cancer: Implications for Therapeutic Targeting. Advances in Cancer Research, 2005, 94, 29-86.	1.9	687
29	Altered gene expression in phenotypically normal renal cells from carriers of tumor suppressor gene mutations. Cancer Biology and Therapy, 2004, 3, 1313-1321.	1.5	24
30	Optimized procedures for microarray analysis of histological specimens processed by laser capture microdissection. Journal of Cellular Physiology, 2004, 201, 366-373.	2.0	25
31	A Portrait of AKT Kinases: Human Cancer and Animal Models Depict a Family with Strong Individualities. Cancer Biology and Therapy, 2004, 3, 268-275.	1.5	123
32	Genetic hits and mutation rate in colorectal tumorigenesis: Versatility of Knudson's theory and implications for cancer prevention. Genes Chromosomes and Cancer, 2003, 38, 382-388.	1.5	27
33	The base excision repair enzyme MED1 mediates DNA damage response to antitumor drugs and is associated with mismatch repair system integrity. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15071-15076.	3.3	120
34	Akt induces enhanced myocardial contractility and cell size in vivo in transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12333-12338.	3.3	455
35	Role ofMED1 (MBD4) Gene in DNA repair and human cancer. Journal of Cellular Physiology, 2001, 187, 137-144.	2.0	91
36	Investigation of the substrate spectrum of the human mismatch-specific DNAN-glycosylase MED1 (MBD4): Fundamental role of the catalytic domain. Journal of Cellular Physiology, 2000, 185, 473-480.	2.0	101

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37	Biphasic Kinetics of the Human DNA Repair Protein MED1 (MBD4), a Mismatch-specific DNA N-Glycosylase. Journal of Biological Chemistry, 2000, 275, 32422-32429.	1.6	157
38	The DNA repair gene MBD4 (MED1) is mutated in human carcinomas with microsatellite instability. Nature Genetics, 1999, 23, 266-268.	9.4	211
39	Akt activation by growth factors is a multiple-step process: the role of the PH domain. Oncogene, 1998, 17, 313-325.	2.6	483
40	Analysis of cyclin E and CDK2 in ovarian cancer: Gene amplification and RNA overexpression. , 1998, 75, 34-39.		117
41	Analysis of cyclin E and CDK2 in ovarian cancer: Gene amplification and RNA overexpression. , 1998, 75, 34.		1
42	Analysis of cyclin E and CDK2 in ovarian cancer: Gene amplification and RNA overexpression. , 1998, 75, 34.		2
43	Transformation of Chicken Cells by the Gene Encoding the Catalytic Subunit of PI 3-Kinase. Science, 1997, 276, 1848-1850.	6.0	398
44	Molecular alterations of theAKT2 oncogene in ovarian and breast carcinomas. International Journal of Cancer, 1995, 64, 280-285.	2.3	781
45	A retroviral oncogene, akt, encoding a serine-threonine kinase containing an SH2-like region. Science, 1991, 254, 274-277.	6.0	825