

Barbara Banelli

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,222
citations

159585

30
h-index

233421

45
g-index

68
all docs

68
docs citations

68
times ranked

3775
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of β -Np73 is a molecular marker for adverse outcome in neuroblastoma patients. <i>Cell Death and Differentiation</i> , 2002, 9, 246-251.	11.2	183
2	MicroRNA in Glioblastoma: An Overview. <i>International Journal of Genomics</i> , 2017, 2017, 1-16.	1.6	114
3	The histone demethylase KDM5A is a key factor for the resistance to temozolomide in glioblastoma. <i>Cell Cycle</i> , 2015, 14, 3418-3429.	2.6	104
4	Dysregulated miR-671-5p / CDR1-AS / CDR1 / VSNL1 axis is involved in glioblastoma multiforme. <i>Oncotarget</i> , 2016, 7, 4746-4759.	1.8	103
5	Distinct CpG methylation profiles characterize different clinical groups of neuroblastic tumors. <i>Oncogene</i> , 2005, 24, 5619-5628.	5.9	83
6	Epigenetic Targeting of Glioblastoma. <i>Frontiers in Oncology</i> , 2018, 8, 448.	2.8	82
7	Expression and methylation of CASP8 in neuroblastoma: Identification of a promoter region. <i>Nature Medicine</i> , 2002, 8, 1333-1335.	30.7	76
8	Immune Checkpoints and Innovative Therapies in Glioblastoma. <i>Frontiers in Oncology</i> , 2018, 8, 464.	2.8	70
9	Complement component C5a induces aberrant epigenetic modifications in renal tubular epithelial cells accelerating senescence by Wnt4/ β catenin signaling after ischemia/reperfusion injury. <i>Aging</i> , 2019, 11, 4382-4406.	3.1	66
10	p16INK4a promoter methylation and protein expression in breast fibroadenoma and carcinoma. <i>International Journal of Cancer</i> , 2005, 114, 414-421.	5.1	64
11	Soluble CTLA-4 as a favorable predictive biomarker in metastatic melanoma patients treated with ipilimumab: an Italian melanoma intergroup study. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 97-107.	4.2	61
12	The IL-12 β gene functions as a tumor suppressor in human B cell malignancies. <i>Journal of Clinical Investigation</i> , 2004, 113, 1651-1659.	8.2	52
13	Environmental Epigenetics: Crossroad between Public Health, Lifestyle, and Cancer Prevention. <i>BioMed Research International</i> , 2015, 2015, 1-13.	1.9	49
14	Small molecules targeting histone demethylase genes (KDMs) inhibit growth of temozolomide-resistant glioblastoma cells. <i>Oncotarget</i> , 2017, 8, 34896-34910.	1.8	48
15	Expression of the caspase-8 gene in neuroblastoma cells is regulated through an essential interferon-sensitive response element (ISRE). <i>Cell Death and Differentiation</i> , 2004, 11, 131-134.	11.2	46
16	Epigenetic dysregulation in neuroblastoma: A tale of miRNAs and DNA methylation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1502-1514.	1.9	44
17	Targeting of Histone Demethylases KDM5A and KDM6B Inhibits the Proliferation of Temozolomide-Resistant Glioblastoma Cells. <i>Cancers</i> , 2019, 11, 878.	3.7	41
18	Analysis of in vitro ADCC and clinical response to trastuzumab: possible relevance of Fc γ RIIIA/Fc γ RIIA gene polymorphisms and HER-2 expression levels on breast cancer cell lines. <i>Journal of Translational Medicine</i> , 2015, 13, 324.	4.4	40

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19	Aberrantly methylated DNA regions lead to low activation of CD4+ T-cells in IgA nephropathy. <i>Clinical Science</i> , 2016, 130, 733-746.	4.3	39
20	TAp73 is downregulated in oocytes from women of advanced reproductive age. <i>Cell Cycle</i> , 2011, 10, 3253-3256.	2.6	38
21	MIR152, MIR200B, and MIR338, human positional and functional neuroblastoma candidates, are involved in neuroblast differentiation and apoptosis. <i>Journal of Molecular Medicine</i> , 2010, 88, 1041-1053.	3.9	37
22	Quantitative methylation analysis of HOXA3, 7, 9, and 10 genes in glioma: association with tumor WHO grade and clinical outcome. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 35-47.	2.5	37
23	Role of methylation in the control of p73 expression in neuroblastoma. <i>Cell Death and Differentiation</i> , 2002, 9, 343-345.	11.2	36
24	Methylation-independent silencing of the p73 gene in neuroblastoma. <i>Oncogene</i> , 2000, 19, 4553-4556.	5.9	35
25	Outcome prediction and risk assessment by quantitative pyrosequencing methylation analysis of the p73 gene in advanced stage, high-risk, neuroblastic tumor patients. <i>International Journal of Cancer</i> , 2010, 126, 656-668.	5.1	35
26	Next-Generation Sequencing Workflow for NSCLC Critical Samples Using a Targeted Sequencing Approach by Ion Torrent PGM Platform. <i>International Journal of Molecular Sciences</i> , 2015, 16, 28765-28782.	4.1	35
27	HOXA7, 9, and 10 are methylation targets associated with aggressive behavior in meningiomas. <i>Translational Research</i> , 2012, 160, 355-362.	5.0	34
28	Caspase-8 Gene Expression in Neuroblastoma. <i>Annals of the New York Academy of Sciences</i> , 2004, 1028, 157-167.	3.8	33
29	A pyrosequencing assay for the quantitative methylation analysis of the PCDHB gene cluster, the major factor in neuroblastoma methylator phenotype. <i>Laboratory Investigation</i> , 2012, 92, 458-465.	3.7	32
30	Diagnosis, monitoring and prevention of exposure-related non-communicable diseases in the living and working environment: DiMoPEX-project is designed to determine the impacts of environmental exposure on human health. <i>Journal of Occupational Medicine and Toxicology</i> , 2018, 13, 6.	2.2	32
31	Inflammation, HIF-1, and the Epigenetics That Follows. <i>Mediators of Inflammation</i> , 2010, 2010, 1-5.	3.0	30
32	Pathological and molecular characteristics distinguishing contralateral metastatic from new primary breast cancer. <i>Annals of Oncology</i> , 2010, 21, 1237-1242.	1.2	29
33	IFN- γ upregulates membranous and soluble PD-L1 in mesothelioma cells: potential implications for the clinical response to PD-1/PD-L1 blockade. <i>Cellular and Molecular Immunology</i> , 2020, 17, 410-411.	10.5	28
34	Altered expression of miRNAs and methylation of their promoters are correlated in neuroblastoma. <i>Oncotarget</i> , 2016, 7, 83330-83341.	1.8	28
35	Association of CTLA-4 Gene Variants with Response to Therapy and Long-term Survival in Metastatic Melanoma Patients Treated with Ipilimumab: An Italian Melanoma Intergroup Study. <i>Frontiers in Immunology</i> , 2017, 8, 386.	4.8	27
36	The IL-12 β gene functions as a tumor suppressor in human B cell malignancies. <i>Journal of Clinical Investigation</i> , 2004, 113, 1651-1659.	8.2	27

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37	CTLA-4 gene variant -1661A>G may predict the onset of endocrine adverse events in metastatic melanoma patients treated with ipilimumab. <i>European Journal of Cancer</i> , 2018, 97, 59-61.	2.8	22
38	DNA methylation in neuroblastic tumors. <i>Cancer Letters</i> , 2005, 228, 37-41.	7.2	21
39	An interferon-sensitive response element is involved in constitutive caspase-8 gene expression in neuroblastoma cells. <i>International Journal of Cancer</i> , 2007, 120, 39-47.	5.1	21
40	Prognostic value of chromosomal imbalances, gene mutations, and BAP1 expression in uveal melanoma. <i>Genes Chromosomes and Cancer</i> , 2018, 57, 387-400.	2.8	21
41	Biological and clinical role of p73 in neuroblastoma. <i>Cancer Letters</i> , 2003, 197, 111-117.	7.2	19
42	Circulating Tumor Nucleic Acids: Perspective in Breast Cancer. <i>Breast Care</i> , 2010, 5, 75-80.	1.4	18
43	Epigenetic Silencing of DKK3 in Medulloblastoma. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7492-7505.	4.1	18
44	Response to ipilimumab therapy in metastatic melanoma patients: potential relevance of CTLA-4+ tumor infiltrating lymphocytes and their in situ localization. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 653-662.	4.2	16
45	Phenotypic characterization of tumor CTLA-4 expression in melanoma tissues and its possible role in clinical response to Ipilimumab. <i>Clinical Immunology</i> , 2020, 215, 108428.	3.2	15
46	In uveal melanoma G1±-protein GNA11 mutations convey a shorter disease-specific survival and are more strongly associated with loss of BAP1 and chromosomal alterations than G1±-protein GNAQ mutations. <i>European Journal of Cancer</i> , 2022, 170, 27-41.	2.8	15
47	Inverse correlation between p16INK4A expression and NF-Î±B activation in melanoma progression. <i>Human Pathology</i> , 2004, 35, 1029-1037.	2.0	13
48	Methylation of CIITA promoter IV causes loss of HLA-II inducibility by IFN-Î± in promyelocytic cells. <i>International Immunology</i> , 2008, 20, 1457-1466.	4.0	13
49	Whole exome sequencing of independent lung adenocarcinoma, lung squamous cell carcinoma, and malignant peritoneal mesothelioma. <i>Medicine (United States)</i> , 2016, 95, e5447.	1.0	12
50	Clinical Potentials of Methylator Phenotype in Stage 4 High-Risk Neuroblastoma: An Open Challenge. <i>PLoS ONE</i> , 2013, 8, e63253.	2.5	10
51	A Methanol Extract of <i>Scabiosa atropurpurea</i> Enhances Doxorubicin Cytotoxicity against Resistant Colorectal Cancer Cells In Vitro. <i>Molecules</i> , 2020, 25, 5265.	3.8	10
52	Toward an Epigenetic View of Our Musical Mind. <i>Frontiers in Genetics</i> , 2011, 2, 111.	2.3	9
53	A Multidrug Approach to Modulate the Mitochondrial Metabolism Impairment and Relative Oxidative Stress in Fanconi Anemia Complementation Group A. <i>Metabolites</i> , 2022, 12, 6.	2.9	8
54	A novel multiplex pyrosequencing assay for genotyping functionally relevant CTLA-4 polymorphisms: Potential applications in autoimmunity and cancer. <i>Human Immunology</i> , 2014, 75, 730-739.	2.4	7

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55	Down-regulation of DLX3 expression in MLL-AF4 childhood lymphoblastic leukemias is mediated by promoter region hypermethylation. <i>Oncology Reports</i> , 2007, , .	2.6	6
56	Epigenetic mechanisms regulate β -NP73 promoter function in human tonsil B cells. <i>Molecular Immunology</i> , 2011, 48, 408-414.	2.2	6
57	Involvement of GTA protein NC2 β in Neuroblastoma pathogenesis suggests that it physiologically participates in the regulation of cell proliferation. <i>Molecular Cancer</i> , 2008, 7, 52.	19.2	5
58	Different intracellular compartmentalization of TA and β -NP73 in non-small cell lung cancer. <i>International Journal of Oncology</i> , 1992, 34, 449.	3.3	4
59	Characterization of soluble PD-L1 in pleural effusions of mesothelioma patients: potential implications in the immune response and prognosis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 459-468.	2.5	4
60	Meth-DOP-PCR: an assay for the methylation profiling of trace amounts of DNA extracted from bodily fluids. <i>Laboratory Investigation</i> , 2006, 86, 297-303.	3.7	3
61	Identification of Unique Fragments in Overlapping Large-Insert Clones by Subtraction through Representational Difference Analysis. <i>Analytical Biochemistry</i> , 1999, 271, 204-207.	2.4	2
62	Quantitative Methylation Analysis of the PCDHB Gene Cluster. <i>Methods in Molecular Biology</i> , 2015, 1315, 189-200.	0.9	2
63	586 Comparison of DNA Methylation Markers in Advanced Stage, High Risk Neuroblastoma Patients. <i>European Journal of Cancer</i> , 2012, 48, S139-S140.	2.8	0
64	Epigenetics, Public Health, Lifestyle, and Chemoprevention. , 2019, , 395-418.		0
65	The IL-12 β 2 gene functions as a tumor suppressor in human B cell malignancies. <i>Journal of Clinical Investigation</i> , 2014, 124, 2807-2807.	8.2	0