

Annalisa Astolfi

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

5,169
citations

76196

40
h-index

110170

64
g-index

184
all docs

184
docs citations

184
times ranked

7528
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Allogeneic Tumor Cell Vaccination and Systemic Interleukin 12 Prevents Mammary Carcinogenesis in HER-2/neu Transgenic Mice. <i>Journal of Experimental Medicine</i> , 2001, 194, 1195-1206.	4.2	218
2	Identification and molecular characterization of recurrent genomic deletions on 7p12 in the IKZF1 gene in a large cohort of BCR-ABL1 ⁺ positive acute lymphoblastic leukemia patients: on behalf of Gruppo Italiano Malattie Ematologiche dell'Adulto Acute Leukemia Working Party (GIMEMA AL WP). <i>Blood</i> , 2009, 114, 2159-2167.	0.6	201
3	Gene expression profiling in colorectal cancer using microarray technologies: Results and perspectives. <i>Cancer Treatment Reviews</i> , 2009, 35, 201-209.	3.4	151
4	CD99 inhibits neural differentiation of human Ewing sarcoma cells and thereby contributes to oncogenesis. <i>Journal of Clinical Investigation</i> , 2010, 120, 668-680.	3.9	150
5	SDHA Loss-of-Function Mutations in KIT-PDGFR α Wild-Type Gastrointestinal Stromal Tumors Identified by Massively Parallel Sequencing. <i>Journal of the National Cancer Institute</i> , 2011, 103, 983-987.	3.0	137
6	Gene expression analysis uncovers similarity and differences among Burkitt lymphoma subtypes. <i>Blood</i> , 2011, 117, 3596-3608.	0.6	128
7	Efficacy of and resistance to anti-IGF-1R therapies in Ewing's sarcoma is dependent on insulin receptor signaling. <i>Oncogene</i> , 2011, 30, 2730-2740.	2.6	119
8	CBFA2T3-GLIS2 fusion transcript is a novel common feature in pediatric, cytogenetically normal AML, not restricted to FAB M7 subtype. <i>Blood</i> , 2013, 121, 3469-3472.	0.6	119
9	Dual Inhibition of Class IA Phosphatidylinositol 3-Kinase and Mammalian Target of Rapamycin as a New Therapeutic Option for T-Cell Acute Lymphoblastic Leukemia. <i>Cancer Research</i> , 2009, 69, 3520-3528.	0.4	116
10	BCOR involvement in cancer. <i>Epigenomics</i> , 2019, 11, 835-855.	1.0	113
11	The Expression of <i>ccn3</i> (nov) Gene in Musculoskeletal Tumors. <i>American Journal of Pathology</i> , 2002, 160, 849-859.	1.9	99
12	Shotgun Metagenomics of Gut Microbiota in Humans with up to Extreme Longevity and the Increasing Role of Xenobiotic Degradation. <i>MSystems</i> , 2020, 5, .	1.7	91
13	Analysis of all subunits, SDHA, SDHB, SDHC, SDHD, of the succinate dehydrogenase complex in KIT/PDGFR α wild-type GIST. <i>European Journal of Human Genetics</i> , 2014, 22, 32-39.	1.4	90
14	Immunoprevention of Mammary Carcinoma in HER-2/neu Transgenic Mice Is IFN- γ and B Cell Dependent. <i>Journal of Immunology</i> , 2004, 173, 2288-2296.	0.4	88
15	Immunoprevention of HER-2/neu Transgenic Mammary Carcinoma through an Interleukin 12-Engineered Allogeneic Cell Vaccine. <i>Cancer Research</i> , 2004, 64, 4001-4009.	0.4	87
16	Perfluoroalkyl substances in human milk: A first survey in Italy. <i>Environment International</i> , 2013, 51, 27-30.	4.8	84
17	Inhibition of Connective Tissue Growth Factor (CTGF/CCN2) Expression Decreases the Survival and Myogenic Differentiation of Human Rhabdomyosarcoma Cells. <i>Cancer Research</i> , 2004, 64, 1730-1736.	0.4	83
18	Genetic heterogeneity in cholangiocarcinoma: a major challenge for targeted therapies. <i>Oncotarget</i> , 2015, 6, 14744-14753.	0.8	80

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19	An overview on molecular biology of KIT/PDGFR α wild type (WT) gastrointestinal stromal tumours (GIST). <i>Journal of Medical Genetics</i> , 2013, 50, 653-661.	1.5	78
20	Efficacy and Biological Activity of Imatinib in Metastatic Dermatofibrosarcoma Protuberans (DFSP). <i>Clinical Cancer Research</i> , 2016, 22, 837-846.	3.2	78
21	A molecular portrait of gastrointestinal stromal tumors: an integrative analysis of gene expression profiling and high-resolution genomic copy number. <i>Laboratory Investigation</i> , 2010, 90, 1285-1294.	1.7	77
22	p185 ^{neu} protein is required for tumor and anchorage-independent growth, not for cell proliferation of transgenic mammary carcinoma. <i>International Journal of Cancer</i> , 2000, 87, 186-194.	2.3	75
23	PDL1 expression is an independent prognostic factor in localized GIST. <i>Oncolmmunology</i> , 2015, 4, e1002729.	2.1	75
24	Antitumor Activity of Sustained N-Myc Reduction in Rhabdomyosarcomas and Transcriptional Block by Antigen Therapy. <i>Clinical Cancer Research</i> , 2012, 18, 796-807.	3.2	74
25	Activity of sunitinib in extraskeletal myxoid chondrosarcoma. <i>European Journal of Cancer</i> , 2014, 50, 1657-1664.	1.3	74
26	The Metastatic Ability of Ewing's Sarcoma Cells Is Modulated by Stem Cell Factor and by Its Receptor c-kit. <i>American Journal of Pathology</i> , 2000, 157, 2123-2131.	1.9	73
27	Insulin-like growth factor 1 receptor expression in wild-type GISTs: A potential novel therapeutic target. <i>International Journal of Cancer</i> , 2009, 125, 2991-2994.	2.3	70
28	Integrated genomic study of quadruple-WT GIST (KIT/PDGFR α /SDH/RAS pathway wild-type GIST). <i>BMC Cancer</i> , 2014, 14, 685.	1.1	70
29	Whole transcriptome sequencing identifies BCOR internal tandem duplication as a common feature of clear cell sarcoma of the kidney. <i>Oncotarget</i> , 2015, 6, 40934-40939.	0.8	61
30	Identification of Common and Distinctive Mechanisms of Resistance to Different Anti-IGF-IR Agents in Ewing's Sarcoma. <i>Molecular Endocrinology</i> , 2012, 26, 1603-1616.	3.7	53
31	Genome-Wide Analysis Identifies MEN1 and MAX Mutations and a Neuroendocrine-Like Molecular Heterogeneity in Quadruple WT GIST. <i>Molecular Cancer Research</i> , 2017, 15, 553-562.	1.5	53
32	Aneuploid acute myeloid leukemia exhibits a signature of genomic alterations in the cell cycle and protein degradation machinery. <i>Cancer</i> , 2019, 125, 712-725.	2.0	49
33	Whole exome sequencing (WES) on formalin-fixed, paraffin-embedded (FFPE) tumor tissue in gastrointestinal stromal tumors (GIST). <i>BMC Genomics</i> , 2015, 16, 892.	1.2	48
34	Identification of new genes related to the myogenic differentiation arrest of human rhabdomyosarcoma cells. <i>Gene</i> , 2001, 274, 139-149.	1.0	46
35	Gene expression profiling of liver metastases from colorectal cancer as potential basis for treatment choice. <i>British Journal of Cancer</i> , 2008, 99, 1729-1734.	2.9	46
36	Genomic Database Analysis of Uterine Leiomyosarcoma Mutational Profile. <i>Cancers</i> , 2020, 12, 2126.	1.7	44

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37	Gene Expression Analysis of Immune-Mediated Arrest of Tumorigenesis in a Transgenic Mouse Model of HER-2/neu-Positive Basal-Like Mammary Carcinoma. <i>American Journal of Pathology</i> , 2005, 166, 1205-1216.	1.9	43
38	The progressive fragmentation of the KIT/PDGFR α wild-type (WT) gastrointestinal stromal tumors (GIST). <i>Journal of Translational Medicine</i> , 2017, 15, 113.	1.8	43
39	Good survival outcome of metastatic SDH-deficient gastrointestinal stromal tumors harboring SDHA mutations. <i>Genetics in Medicine</i> , 2015, 17, 391-395.	1.1	41
40	Immune microenvironment profiling of gastrointestinal stromal tumors (GIST) shows gene expression patterns associated to immune checkpoint inhibitors response. <i>Onc Immunology</i> , 2019, 8, e1617588.	2.1	41
41	A Distinct Pediatric-type Gastrointestinal Stromal Tumor in Adults. <i>American Journal of Surgical Pathology</i> , 2011, 35, 1750-1752.	2.1	40
42	IKK α /CHUK Regulates Extracellular Matrix Remodeling Independent of Its Kinase Activity to Facilitate Articular Chondrocyte Differentiation. <i>PLoS ONE</i> , 2013, 8, e73024.	1.1	39
43	<sc>HSPA</sc>8 as a novel fusion partner of <sc>NR</sc>4<sc>A</sc>3 in extraskeletal myxoid chondrosarcoma. <i>Genes Chromosomes and Cancer</i> , 2017, 56, 582-586.	1.5	38
44	Hh/Gli antagonist in acute myeloid leukemia with CBFA2T3-GLIS2 fusion gene. <i>Journal of Hematology and Oncology</i> , 2017, 10, 26.	6.9	34
45	Personalized Medicine in Gastrointestinal Stromal Tumor (GIST): Clinical Implications of the Somatic and Germline DNA Analysis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 15592-15608.	1.8	32
46	Effect of a low protein diet on chicken ceca microbiome and productive performances. <i>Poultry Science</i> , 2019, 98, 3963-3976.	1.5	31
47	N α ³ PUFAs modulate global gene expression profile in cultured rat cardiomyocytes. Implications in cardiac hypertrophy and heart failure. <i>FEBS Letters</i> , 2007, 581, 923-929.	1.3	30
48	Expression of IGF-1 receptor in KIT/PDGF receptor- α wild-type gastrointestinal stromal tumors with succinate dehydrogenase complex dysfunction. <i>Future Oncology</i> , 2013, 9, 121-126.	1.1	30
49	HER/erbB Receptors as Therapeutic Targets of Immunotoxins in Human Rhabdomyosarcoma Cells. <i>Journal of Immunotherapy</i> , 2002, 25, 314-323.	1.2	29
50	Nuclear Phospholipase C β 1 (PLC β 1) Affects CD24 Expression in Murine Erythroleukemia Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 24221-24226.	1.6	29
51	Adaptive Immunity in Fibrosarcomatous Dermatofibrosarcoma Protuberans and Response to Imatinib Treatment. <i>Journal of Investigative Dermatology</i> , 2017, 137, 484-493.	0.3	29
52	Integrated Molecular Characterization of Gastrointestinal Stromal Tumors (GIST) Harboring the Rare D842V Mutation in PDGFRA Gene. <i>International Journal of Molecular Sciences</i> , 2018, 19, 732.	1.8	29
53	Prevention of HER-2/neu transgenic mammary carcinoma by tamoxifen plus interleukin 12. <i>International Journal of Cancer</i> , 2003, 105, 384-389.	2.3	28
54	Profiling of drug-metabolizing enzymes/transporters in CD33+ acute myeloid leukemia patients treated with Gemtuzumab-Ozogamicin and Fludarabine, Cytarabine and Idarubicin. <i>Pharmacogenomics Journal</i> , 2013, 13, 335-341.	0.9	28

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55	18F-FDG-PET/CT imaging in cardiac tumors: illustrative clinical cases and review of the literature. <i>Therapeutic Advances in Medical Oncology</i> , 2018, 10, 175883591879356.	1.4	28
56	An integrated approach of immunogenomics and bioinformatics to identify new Tumor Associated Antigens (TAA) for mammary cancer immunological prevention. <i>BMC Bioinformatics</i> , 2005, 6, S7.	1.2	27
57	miRNA profiling in gastrointestinal stromal tumors: implication as diagnostic and prognostic markers. <i>Epigenomics</i> , 2015, 7, 1033-1049.	1.0	27
58	Identification of a cytogenetic and molecular subgroup of acute myeloid leukemias showing sensitivity to L-Asparaginase. <i>Oncotarget</i> , 2017, 8, 109915-109923.	0.8	27
59	NR4A3 fusion proteins trigger an axon guidance switch that marks the difference between EWSR1 and TAF15 translocated extraskeletal myxoid chondrosarcomas. <i>Journal of Pathology</i> , 2019, 249, 90-101.	2.1	27
60	TIS21/BTG2/PC3 and cyclin D1 are key determinants of nuclear diacylglycerol kinase- α -dependent cell cycle arrest. <i>Cellular Signalling</i> , 2009, 21, 801-809.	1.7	26
61	Impact of Chemotherapy in the Adjuvant Setting of Early Stage Uterine Leiomyosarcoma: A Systematic Review and Updated Meta-Analysis. <i>Cancers</i> , 2020, 12, 1899.	1.7	26
62	MYCN is a novel oncogenic target in pediatric T-cell Acute Lymphoblastic Leukemia. <i>Oncotarget</i> , 2014, 5, 120-130.	0.8	26
63	Evolution of Dermatofibrosarcoma Protuberans to DFSP-Derived Fibrosarcoma: An Event Marked by Epithelial \rightarrow Mesenchymal Transition \rightarrow -like Process and 22q Loss. <i>Molecular Cancer Research</i> , 2016, 14, 820-829.	1.5	25
64	Effect of <i>Lactobacillus acidophilus</i> D2/CSL (CECT 4529) supplementation in drinking water on chicken crop and caeca microbiome. <i>PLoS ONE</i> , 2020, 15, e0228338.	1.1	25
65	Genomic complexity and dynamics of clonal evolution in childhood acute myeloid leukemia studied with whole-exome sequencing. <i>Oncotarget</i> , 2016, 7, 56746-56757.	0.8	23
66	Integrating miRNA and gene expression profiling analysis revealed regulatory networks in gastrointestinal stromal tumors. <i>Epigenomics</i> , 2016, 8, 1347-1366.	1.0	23
67	Exosomes from CD99-deprived Ewing sarcoma cells reverse tumor malignancy by inhibiting cell migration and promoting neural differentiation. <i>Cell Death and Disease</i> , 2019, 10, 471.	2.7	23
68	DHH-RHEBL1 fusion transcript: a novel recurrent feature in the new landscape of pediatric CBFA2T3-GLIS2-positive acute myeloid leukemia. <i>Oncotarget</i> , 2013, 4, 1712-1720.	0.8	23
69	Differential gene expression in classic giant cell tumours of bone: Tenascin C as biological risk factor for local relapses and metastases. <i>Histopathology</i> , 2010, 57, 59-72.	1.6	22
70	Differential expression of neural markers in KIT and PDGFRA wild-type gastrointestinal stromal tumours. <i>Histopathology</i> , 2011, 59, 1071-1080.	1.6	22
71	SDHC methylation in gastrointestinal stromal tumors (GIST): a case report. <i>BMC Medical Genetics</i> , 2015, 16, 87.	2.1	22
72	Gain of FGF4 is a frequent event in KIT/PDGFR α /SDH/RAS \rightarrow WT GIST. <i>Genes Chromosomes and Cancer</i> , 2019, 58, 636-642.	1.5	22

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73	The Emerging Role of the FGF/FGFR Pathway in Gastrointestinal Stromal Tumor. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3313.	1.8	22
74	Comparative Assessment of Antitumor Effects and Autophagy Induction as a Resistance Mechanism by Cytotoxics and EZH2 Inhibition in INI1-Negative Epithelioid Sarcoma Patient-Derived Xenograft. <i>Cancers</i> , 2019, 11, 1015.	1.7	21
75	Opposing control of rhabdomyosarcoma growth and differentiation by myogenin and interleukin 4. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 754-761.	1.9	20
76	Characterization of pancreatic ductal adenocarcinoma using whole transcriptome sequencing and copy number analysis by single-nucleotide polymorphism array. <i>Molecular Medicine Reports</i> , 2015, 12, 7479-7484.	1.1	20
77	Personalization of regorafenib treatment in metastatic gastrointestinal stromal tumours in real-life clinical practice. <i>Therapeutic Advances in Medical Oncology</i> , 2017, 9, 731-739.	1.4	20
78	An exploratory study by DMET array identifies a germline signature associated with imatinib response in gastrointestinal stromal tumor. <i>Pharmacogenomics Journal</i> , 2019, 19, 390-400.	0.9	20
79	Molecular characterization of metastatic exon 11 mutant gastrointestinal stromal tumors (GIST) beyond KIT/PDGFR \pm genotype evaluated by next generation sequencing (NGS). <i>Oncotarget</i> , 2015, 6, 42243-42257.	0.8	20
80	Immunological Prevention of a Multigene Cancer Syndrome. <i>Cancer Research</i> , 2004, 64, 8428-8434.	0.4	19
81	Genomic Grade Index predicts postoperative clinical outcome of GIST. <i>British Journal of Cancer</i> , 2012, 107, 1433-1441.	2.9	19
82	Polymorphisms in DNA repair genes in gastrointestinal stromal tumours: susceptibility and correlation with tumour characteristics and clinical outcome. <i>Tumor Biology</i> , 2016, 37, 13413-13423.	0.8	19
83	Inhibition of Methyltransferase DOT1L Sensitizes to Sorafenib Treatment AML Cells Irrespective of MLL-Rearrangements: A Novel Therapeutic Strategy for Pediatric AML. <i>Cancers</i> , 2020, 12, 1972.	1.7	19
84	Expression of sialyl-Tn sugar antigen in bladder cancer cells affects response to <i>Bacillus Calmette Guérin</i> (BCG) and to oxidative damage. <i>Oncotarget</i> , 2017, 8, 54506-54517.	0.8	19
85	Phytosterol supplementation reduces metabolic activity and slows cell growth in cultured rat cardiomyocytes. <i>British Journal of Nutrition</i> , 2011, 106, 540-548.	1.2	18
86	Novel intra-genic large deletions of <i>CTNNB1</i> gene identified in WT desmoid-type fibromatosis. <i>Genes Chromosomes and Cancer</i> , 2018, 57, 495-503.	1.5	18
87	An anti-apoptotic role for NGF receptors in human rhabdomyosarcoma. <i>European Journal of Cancer</i> , 2001, 37, 1719-1725.	1.3	17
88	Apc10.1: An ApcMin/+ intestinal cell line with retention of heterozygosity. <i>International Journal of Cancer</i> , 2004, 109, 200-206.	2.3	17
89	Liquid biopsy in gastrointestinal stromal tumors: a novel approach. <i>Journal of Translational Medicine</i> , 2014, 12, 210.	1.8	17
90	Identification of SRF-E2F1 fusion transcript in EWSR-negative myoepithelioma of the soft tissue. <i>Oncotarget</i> , 2017, 8, 60036-60045.	0.8	17

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91	Skeletal Muscle Gene Expression in Long-Term Endurance and Resistance Trained Elderly. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3988.	1.8	17
92	Pooled Genome-Wide Analysis to Identify Novel Risk Loci for Pediatric Allergic Asthma. <i>PLoS ONE</i> , 2011, 6, e16912.	1.1	16
93	Impressive long-term disease stabilization by nilotinib in two pretreated patients with KIT/PDGFR wild-type metastatic gastrointestinal stromal tumours. <i>Anti-Cancer Drugs</i> , 2012, 23, 567-572.	0.7	16
94	Targeted Deep Sequencing Uncovers Cryptic KIT Mutations in KIT/PDGFR/SDH/RAS-P Wild-Type GIST. <i>Frontiers in Oncology</i> , 2020, 10, 504.	1.3	16
95	Targeted therapy in SDH-deficient GIST. <i>Therapeutic Advances in Medical Oncology</i> , 2021, 13, 175883592110232.	1.4	16
96	Torque teno mini virus as a cause of childhood acute promyelocytic leukemia lacking PML/RARA fusion. <i>Blood</i> , 2021, 138, 1773-1777.	0.6	16
97	Non-Coding RNAs in the Transcriptional Network That Differentiates Skeletal Muscles of Sedentary from Long-Term Endurance- and Resistance-Trained Elderly. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1539.	1.8	15
98	Integrated genomic-metabolic classification of acute myeloid leukemia defines a subgroup with NPM1 and cohesin/DNA damage mutations. <i>Leukemia</i> , 2021, 35, 2813-2826.	3.3	15
99	Immune prevention of mammary carcinogenesis in HER-2/neu transgenic mice: a microarray scenario. <i>Cancer Immunology, Immunotherapy</i> , 2005, 54, 599-610.	2.0	14
100	Identification of the NUP98-PHF23 fusion gene in pediatric cytogenetically normal acute myeloid leukemia by whole-transcriptome sequencing. <i>Journal of Hematology and Oncology</i> , 2015, 8, 69.	6.9	14
101	Filaggrin Loss-of-Function Mutations Are Risk Factors for Severe Food Allergy in Children with Atopic Dermatitis. <i>Journal of Clinical Medicine</i> , 2021, 10, 233.	1.0	14
102	Oxidative damage and response to Bacillus Calmette-Guérin in bladder cancer cells expressing sialyltransferase ST3GAL1. <i>BMC Cancer</i> , 2018, 18, 198.	1.1	13
103	Direct Antiviral Treatments for Hepatitis C Virus Have Off-Target Effects of Oncologic Relevance in Hepatocellular Carcinoma. <i>Cancers</i> , 2020, 12, 2674.	1.7	13
104	Genetic aberrations and molecular biology of cardiac sarcoma. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592091849.	1.4	13
105	The Identity of PDGFRA D842V-Mutant Gastrointestinal Stromal Tumors (GIST). <i>Cancers</i> , 2021, 13, 705.	1.7	13
106	Whole transcriptome sequencing of a paediatric case of de novo acute myeloid leukaemia with del(5q) reveals RUNX1 and USP42 and PRDM16-SKI fusion transcripts. <i>British Journal of Haematology</i> , 2014, 166, 449-452.	1.2	12
107	A Multi-DNA Preventive Vaccine for p53/Neu-Driven Cancer Syndrome. <i>Human Gene Therapy</i> , 2009, 20, 453-464.	1.4	11
108	The emerging role of insulin-like growth factor 1 receptor (IGF1r) in gastrointestinal stromal tumors (GISTs). <i>Journal of Translational Medicine</i> , 2010, 8, 117.	1.8	11

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109	Proteomic and PROTEOMEX profiling of mammary cancer progression in a HER2/neu oncogene-driven animal model system. <i>Proteomics</i> , 2010, 10, 3835-3853.	1.3	10
110	Pediatric early T-cell precursor leukemia with NF1 deletion and high-sensitivity in vitro to tipifarnib. <i>Leukemia</i> , 2010, 24, 1230-1233.	3.3	10
111	Gene duplication, rather than epigenetic changes, drives FGF4 overexpression in KIT/PDGFR α /SDH/RAS-P WT GIST. <i>Scientific Reports</i> , 2020, 10, 19829.	1.6	10
112	Gene Expression Profiling of PDGFR α Mutant GIST Reveals Immune Signatures as a Specific Fingerprint of D842V Exon 18 Mutation. <i>Frontiers in Immunology</i> , 2020, 11, 851.	2.2	10
113	Dystrophin deregulation is associated with tumor progression in KIT/PDGFR α mutant gastrointestinal stromal tumors. <i>Clinical Sarcoma Research</i> , 2014, 4, 9.	2.3	9
114	Synergistic Cytotoxic Effect of L-Asparaginase Combined with Decitabine as a Demethylating Agent in Pediatric T-ALL, with Specific Epigenetic Signature. <i>BioMed Research International</i> , 2016, 2016, 1-6.	0.9	9
115	Gene Expression Landscape of SDH-Deficient Gastrointestinal Stromal Tumors. <i>Journal of Clinical Medicine</i> , 2021, 10, 1057.	1.0	9
116	Mutational burden of resectable pancreatic cancer, as determined by whole transcriptome and whole exome sequencing, predicts a poor prognosis. <i>International Journal of Oncology</i> , 2018, 52, 1972-1980.	1.4	8
117	The Pediatric Acute Leukemia Fusion Oncogene ETO2-GLIS2 Increases Self-Renewal and Alters Differentiation in a Human Induced Pluripotent Stem Cells-Derived Model. <i>HemaSphere</i> , 2020, 4, e319.	1.2	8
118	A novel specific signature of pediatric MOZ-CBP acute myeloid leukemia. <i>Leukemia Research</i> , 2010, 34, e292-e293.	0.4	7
119	Successful multidisciplinary clinical approach and molecular characterization by whole transcriptome sequencing of a cardiac myxofibrosarcoma: A case report. <i>World Journal of Clinical Cases</i> , 2019, 7, 3018-3026.	0.3	7
120	Copy number gain of chromosome 3q is a recurrent event in patients with intraductal papillary mucinous neoplasm (IPMN) associated with disease progression. <i>Oncotarget</i> , 2016, 7, 74797-74806.	0.8	7
121	<i>INPP4B</i> overexpression and <i>KIT</i> downregulation in human achalasia. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13346.	1.6	6
122	Genetics and treatment of gastrointestinal stromal tumors with immune checkpoint inhibitors: what do we know?. <i>Pharmacogenomics</i> , 2020, 21, 231-234.	0.6	6
123	Adrenomedullin Expression Characterizes Leukemia Stem Cells and Associates With an Inflammatory Signature in Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2021, 11, 684396.	1.3	6
124	iPSC-Derived Gaucher Macrophages Display Growth Impairment and Activation of Inflammation-Related Cell Death. <i>Cells</i> , 2021, 10, 2822.	1.8	6
125	Therapy of lung metastases through combined vaccination with carcinoma cells engineered to release IL-13 and IFN- γ . <i>Gene Therapy</i> , 2001, 8, 1698-1704.	2.3	5
126	Microarray gene expression analysis of porcine skeletal muscle sampled at several post mortem time points. <i>Meat Science</i> , 2011, 88, 604-609.	2.7	5

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127	Impact of Inflammatory Cytokine Gene Polymorphisms on Developing Acute Graft-versus-Host Disease in Children Undergoing Allogeneic Hematopoietic Stem Cell Transplantation. <i>Journal of Immunology Research</i> , 2015, 2015, 1-5.	0.9	5
128	Molecular modelling evaluation of exon 18 His845_Asn848delinsPro PDGFR \pm mutation in a metastatic GIST patient responding to imatinib. <i>Scientific Reports</i> , 2019, 9, 2172.	1.6	5
129	Paratesticular Mesenchymal Malignancies: A Single-Center Case Series, Clinical Management, and Review of Literature. <i>Integrative Cancer Therapies</i> , 2020, 19, 153473541990055.	0.8	5
130	The Molecular Networks of microRNAs and Their Targets in the Drug Resistance of Colon Carcinoma. <i>Cancers</i> , 2021, 13, 4355.	1.7	5
131	Genetic Factors Associated With Pain Severity, Daily Opioid Dose Requirement, and Pain Response Among Advanced Cancer Patients Receiving Supportive Care. <i>Journal of Pain and Symptom Management</i> , 2021, 62, 785-795.	0.6	5
132	Whole Exome Sequencing Uncovers Germline Variants of Cancer-Related Genes in Sporadic Pheochromocytoma. <i>International Journal of Genomics</i> , 2018, 2018, 1-9.	0.8	4
133	Identification of an Actionable Mutation of KIT in a Case of Extraskeletal Myxoid Chondrosarcoma. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1855.	1.8	4
134	Gene Expression Profile (GEP) of Chronic Myeloid Leukemia (CML) Patients at Diagnosis: Two Distinguished Subgroups of CML Patients Identified, Based on a Molecular Signature, Irrespective of Their Sokal Risk Score. <i>Blood</i> , 2008, 112, 3190-3190.	0.6	4
135	SDHA Germline Variants in Adult Patients With SDHA-Mutant Gastrointestinal Stromal Tumor. <i>Frontiers in Oncology</i> , 2021, 11, 778461.	1.3	4
136	Trisomy 11 with <i>MLL</i> \rightarrow PTD in a case of infant AML M0. <i>British Journal of Haematology</i> , 2007, 138, 817-819.	1.2	3
137	p185neu protein is required for tumor and anchorage-independent growth, not for cell proliferation of transgenic mammary carcinoma. , 2000, 87, 186.		3
138	NUP98 Fusion Proteins Are Recurrent Aberrancies in Childhood Acute Myeloid Leukemia: A Report from the AIEOP AML-2001-02 Study Group. <i>Blood</i> , 2014, 124, 1025-1025.	0.6	3
139	CSPG4 Expression in GIST Is Associated with Better Prognosis and Strong Cytotoxic Immune Response. <i>Cancers</i> , 2022, 14, 1306.	1.7	3
140	Endothelin-3 production by human rhabdomyosarcoma: A possible new marker with a paracrine role. <i>European Journal of Cancer</i> , 2006, 42, 680-687.	1.3	2
141	Progress in Genomic Technology: A New Challenge for the Palliative Medicine?. <i>Journal of Pain and Symptom Management</i> , 2010, 40, e7-e9.	0.6	2
142	Transient abnormal myelopoiesis in a phenotypically normal newborn with polyclonal trisomy 21. <i>International Journal of Hematology</i> , 2014, 99, 794-797.	0.7	2
143	<p>Mechanisms of resistance to a PI3K inhibitor in gastrointestinal stromal tumors: an omic approach to identify novel druggable targets</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 6229-6244.	0.9	2
144	Case Report: The Complete Remission of a Mixed Germ Cell Tumor With Somatic Type Malignancy of Sarcoma Type With a GCT-Oriented Therapy: Clinical Findings and Genomic Profiling. <i>Frontiers in Oncology</i> , 2021, 11, 633543.	1.3	2

#	ARTICLE	IF	CITATIONS
145	Gene Expression Analysis Uncovers Similarity and Differences Among Burkitt Lymphoma Subtypes. Blood, 2010, 116, 2494-2494.	0.6	2
146	Basal and IL-1 β enhanced chondrocyte chemotactic activity on monocytes are co-dependent on both IKK α and IKK β NF- κ B activating kinases. Scientific Reports, 2021, 11, 21697.	1.6	2
147	PI-103, a Dual Inhibitor of Class IA Phosphatidylinositol 3-Kinase and Mammalian Target of Rapamycin, Has Cytotoxic Activity in T-Cell Acute Lymphoblastic Leukemia Cells: A New Therapeutic Strategy in T-Cell Acute Lymphoblastic Leukemia.. Blood, 2008, 112, 1921-1921.	0.6	1
148	High-Resolution Molecular Allelokaryotyping of Chronic Myeloid Leukemia Patients in Blast Crisis by 6.0 SNP-Arrays Shows a High-Frequency of Uniparental Disomy and Focal Copy Number Alterations Affecting the Whole Sequence or Specific Exons of Oncogenes and Tumor Suppressor Genes.. Blood, 2009, 114, 2176-2176.	0.6	1
149	Aggressive Aneuploid Acute Myeloid Leukemia Is Dependent on Alterations of P53, Gain of APC and PLK1 and Loss of RAD50. Blood, 2016, 128, 1702-1702.	0.6	1
150	Sunitinib (SM) in advanced extraskeletal myxoid chondrosarcoma (EMC): Updated analysis in 11 patients (pts).. Journal of Clinical Oncology, 2016, 34, 11059-11059.	0.8	1
151	Immune microenvironment profiling of gastrointestinal stromal tumors (GIST).. Journal of Clinical Oncology, 2018, 36, 11534-11534.	0.8	1
152	Abstract 2143: High-Resolution Molecular Karyotyping of Chronic Myeloid Leukemia Patients in Blast Crisis by 6.0 SNP-Arrays Identifies Focal Copy Number Alterations Affecting the Whole Sequence or Specific Exons of Oncogenes and Tumor Suppressor Genes. , 2010, , .		1
153	Dissecting the Molecular Mechanisms of Aneuploidy in Acute Myeloid Leukemia By Next Generation Sequencing. Blood, 2014, 124, 1028-1028.	0.6	1
154	Metastatic dermatofibrosarcoma protuberans (DFSP) and fibrosarcomatous DFSP (FS-DFSP): Sensitivity to imatinib (IM) and gene expression profile.. Journal of Clinical Oncology, 2015, 33, 10553-10553.	0.8	1
155	Abstract 90: A cell cycle-related genomic and transcriptomic signature distinguish aneuploid and euploid acute myeloid leukemia. Cancer Research, 2016, 76, 90-90.	0.4	1
156	C5 and SRGAP3 Polymorphisms Are Linked to Paediatric Allergic Asthma in the Italian Population. Genes, 2022, 13, 214.	1.0	1
157	Insulin-like Growth Factor (IGF) system and gastrointestinal stromal tumours (GIST): present and future. Histology and Histopathology, 2014, 29, 167-75.	0.5	1
158	Current Issues in Tumor Immunology. Current Bioinformatics, 2010, 5, 164-175.	0.7	0
159	Management of Patients with Gastrointestinal Stromal Tumor in Clinical Practice in Italy: A Critical "Event Tree Model" Analysis of Decision-Making Processes and Outcomes. Tumori, 2010, 96, 219-228.	0.6	0
160	Novel Clinically Relevant Genes in GIST"Letter. Clinical Cancer Research, 2014, 20, 2014-2014.	3.2	0
161	Hippo and necroptosis pathways are involved in cell growth defects in Gaucher disease. Molecular Genetics and Metabolism, 2019, 126, S25.	0.5	0
162	Identification and Molecular Characterization of Two Recurrent Genomic Deletions (Type A and Type) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Behalf of the GIMEMA ALL Working Party. Blood, 2008, 112, 428-428.	0.6	0

#	ARTICLE	IF	CITATIONS
163	Complete Response to First-Line Bortezomib-Thalidomide-Dexamethasone Therapy in Multiple Myeloma Patients with t(4;14): Analysis of Gene Expression Profile.. Blood, 2009, 114, 2811-2811.	0.6	0
164	C-Myc Mediated Regulation of Multidrug Resistance Genes in Chronic Myeloid Leukaemia Cd34+ Cell Progenitors.. Blood, 2009, 114, 3252-3252.	0.6	0
165	CD34+ obtained from High Sokal Risk Chronic Myeloid Leukemia (CML) Patients (PTS) Expresses Gene Profiles (GEP) Significantly Different From CD34+ Obtained From Low Sokal Risk Patients.. Blood, 2009, 114, 2174-2174.	0.6	0
166	Whole-Transcriptome Sequencing of a Chronic Myeloid Leukemia (CML) Patient at Diagnosis and at the Time of Progression to Blast Crisis (BC).. Blood, 2009, 114, 4259-4259.	0.6	0
167	High-Resolution Genome Wide Copy Number Alteration (CNA) and Loss of Heterozygosity (LOH) Analysis in Chronic Myeloid Leukemia (CML) Shows That High and Intermediate Sokal Risk Pts (Pts) Have Multiple Losses Targeting Genes Involved in DNA Repair.. Blood, 2009, 114, 3262-3262.	0.6	0
168	Identification of A Pharmacogenomic Profile Associated with High Sensitivity and Low Toxicity to a Combination of Gemtuzumab Ozogamicin Plus Fludarabine, Cytarabine, Idarubicin Regimen In CD33-Positive Acute Myeloid Leukemia (AML) Patients. Blood, 2010, 116, 967-967.	0.6	0
169	Integrate whole genomic study of KIT/PDGFR α wild-type (WT) GIST.. Journal of Clinical Oncology, 2014, 32, 10513-10513.	0.8	0
170	Characterization of pancreatic ductal adenocarcinoma patients using whole-transcriptome sequencing and copy number analysis by SNPs array techniques.. Journal of Clinical Oncology, 2014, 32, e15192-e15192.	0.8	0
171	Abstract 2243: Gene expression signature of aneuploidy in acute myeloid leukemia. , 2014, , .		0
172	Discovery of new potentially actionable mutations in pancreatic ductal adenocarcinoma by next generation sequencing.. Journal of Clinical Oncology, 2015, 33, 4127-4127.	0.8	0
173	Abstract LB-211: NUP98-PHF23 is a novel fusion gene in pediatric cytogenetically normal acute myeloid leukemia. , 2015, , .		0
174	Novel Genomic Patterns of Metabolic Remodeling in Acute Myeloid Leukemia. Blood, 2015, 126, 3837-3837.	0.6	0
175	A Specific Pattern of Somatic Mutations Associates with Poor Prognosis Aneuploid Acute Myeloid Leukemia: Results from the European NGS-PTL Consortium. Blood, 2015, 126, 3840-3840.	0.6	0
176	Copy number analysis by high resolution cytogenetic analysis affymetrix oncoscan FFPE array of intraductal papillary neoplasms of the pancreas.. Journal of Clinical Oncology, 2016, 34, e13009-e13009.	0.8	0
177	Role of Nuclear Inositide Signalling and microRNA Signature in Myelodysplastic Syndromes during Azacitidine and Lenalidomide Therapy. Blood, 2016, 128, 5091-5091.	0.6	0
178	Characterization of tumor microenvironment in extraskeletal myxoid chondrosarcoma (EMC).. Journal of Clinical Oncology, 2018, 36, 11561-11561.	0.8	0
179	Identification of an actionable mutation of <i>KIT</i> in extraskeletal myxoid chondrosarcoma (EMC).. Journal of Clinical Oncology, 2018, 36, e23547-e23547.	0.8	0
180	Identification of novel intra-genic deletions of <i>CTNNB1</i> gene in WT desmoid-type fibromatosis.. Journal of Clinical Oncology, 2018, 36, 11577-11577.	0.8	0

#	ARTICLE	IF	CITATIONS
181	Negative Prognostic Relevance of a Specific 3-Gene Cluster in Myelodysplastic Syndromes during Azacitidine and Lenalidomide Therapy. <i>Blood</i> , 2018, 132, 4347-4347.	0.6	0
182	Undetected KIT and PDGFRA mutations: an under-recognised cause of gastrointestinal stromal tumours incorrectly classified as wild-type. <i>Pathology</i> , 2022, , .	0.3	0