

Roberto Piva

List of Publications by Year in descending order

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74
papers

5,779
citations

61984

43
h-index

79698

73
g-index

75
all docs

75
docs citations

75
times ranked

7977
citing authors

#	ARTICLE	IF	CITATIONS
1	The anaplastic lymphoma kinase in the pathogenesis of cancer. <i>Nature Reviews Cancer</i> , 2008, 8, 11-23.	28.4	792
2	Convergent Mutations and Kinase Fusions Lead to Oncogenic STAT3 Activation in Anaplastic Large Cell Lymphoma. <i>Cancer Cell</i> , 2015, 27, 516-532.	16.8	378
3	Anaplastic lymphoma kinase (ALK) activates Stat3 and protects hematopoietic cells from cell death. <i>Oncogene</i> , 2002, 21, 1038-1047.	5.9	354
4	CEP-18770: A novel, orally active proteasome inhibitor with a tumor-selective pharmacologic profile competitive with bortezomib. <i>Blood</i> , 2008, 111, 2765-2775.	1.4	239
5	NPM-ALK transgenic mice spontaneously develop T-cell lymphomas and plasma cell tumors. <i>Blood</i> , 2003, 101, 1919-1927.	1.4	234
6	Activation of the JNK/p38 Pathway Occurs in Diseases Characterized by Tau Protein Pathology and Is Related to Tau Phosphorylation But Not to Apoptosis. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2001, 60, 1190-1197.	1.7	159
7	Gene Expression Profiling Uncovers Molecular Classifiers for the Recognition of Anaplastic Large-Cell Lymphoma Within Peripheral T-Cell Neoplasms. <i>Journal of Clinical Oncology</i> , 2010, 28, 1583-1590.	1.6	152
8	c-Jun, JNK/SAPK Kinase and Transcription Factor NF- κ B Are Selectively Activated in Astrocytes, but not Motor Neurons, in Amyotrophic Lateral Sclerosis. <i>Journal of Neuro pathology and Experimental Neurology</i> , 1997, 56, 1314-1322.	1.7	144
9	NF- κ B: A Stress-Regulated Switch for Cell Survival. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 478-486.	5.4	142
10	Functional validation of the anaplastic lymphoma kinase signature identifies CEBPB and Bcl2A1 as critical target genes. <i>Journal of Clinical Investigation</i> , 2006, 116, 3171-3182.	8.2	139
11	Molecular Profiling Improves Classification and Prognostication of Nodal Peripheral T-Cell Lymphomas: Results of a Phase III Diagnostic Accuracy Study. <i>Journal of Clinical Oncology</i> , 2013, 31, 3019-3025.	1.6	129
12	Ablation of oncogenic ALK is a viable therapeutic approach for anaplastic large-cell lymphomas. <i>Blood</i> , 2006, 107, 689-697.	1.4	127
13	Anaplastic lymphoma kinase in human cancer. <i>Journal of Molecular Endocrinology</i> , 2011, 47, R11-R23.	2.5	116
14	PDGFR blockade is a rational and effective therapy for NPM-ALK-driven lymphomas. <i>Nature Medicine</i> , 2012, 18, 1699-1704.	30.7	113
15	New and Old Functions of STAT3: A Pivotal Target for Individualized Treatment of Cancer. <i>Cell Cycle</i> , 2005, 4, 1131-1133.	2.6	111
16	Identification of a 3-gene model as a powerful diagnostic tool for the recognition of ALK-negative anaplastic large-cell lymphoma. <i>Blood</i> , 2012, 120, 1274-1281.	1.4	101
17	PRDM1/BLIMP1 is commonly inactivated in anaplastic large T-cell lymphoma. <i>Blood</i> , 2013, 122, 2683-2693.	1.4	98
18	Identification of a new subclass of ALK-negative ALCL expressing aberrant levels of ERBB4 transcripts. <i>Blood</i> , 2016, 127, 221-232.	1.4	97

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19	S-Phase Kinase-Associated Protein 2 Expression in Non-Hodgkin's Lymphoma Inversely Correlates with p27 Expression and Defines Cells in S Phase. <i>American Journal of Pathology</i> , 2002, 160, 1457-1466.	3.8	94
20	Lack of apoptosis in mice with ALS. <i>Nature Medicine</i> , 1999, 5, 966-967.	30.7	90
21	15-Deoxy- Δ^2 ,14-prostaglandin J2 induces apoptosis in human malignant B cells: an effect associated with inhibition of NF- κ B activity and down-regulation of antiapoptotic proteins. <i>Blood</i> , 2005, 105, 1750-1758.	1.4	87
22	microRNA expression profiling identifies molecular signatures associated with anaplastic large cell lymphoma. <i>Blood</i> , 2013, 122, 2083-2092.	1.4	84
23	PD-L1 up-regulation in melanoma increases disease aggressiveness and is mediated through miR-17-5p. <i>Oncotarget</i> , 2017, 8, 15894-15911.	1.8	84
24	p140Cas protein suppresses tumour cell properties, regulating Csk and Src kinase activity. <i>EMBO Journal</i> , 2007, 26, 2843-2855.	7.8	83
25	Activated p38MAPK Is a Novel Component of the Intracellular Inclusions Found in Human Amyotrophic Lateral Sclerosis and Mutant SOD1 Transgenic Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 113-119.	1.7	81
26	Essential role of PDK1 in regulating endothelial cell migration. <i>Journal of Cell Biology</i> , 2007, 176, 1035-1047.	5.2	75
27	p130Cas mediates the transforming properties of the anaplastic lymphoma kinase. <i>Blood</i> , 2005, 106, 3907-3916.	1.4	72
28	bcl-2 protein expression in aged brain and neurodegenerative diseases. <i>NeuroReport</i> , 1994, 5, 1906-1908.	1.2	70
29	The AP-1-BATF and -BATF3 module is essential for growth, survival and TH17/ILC3 skewing of anaplastic large cell lymphoma. <i>Leukemia</i> , 2018, 32, 1994-2007.	7.2	70
30	Proteasome-dependent Degradation of p27/kip1 in Gliomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 1999, 58, 691-696.	1.7	67
31	Anaplastic large cell lymphoma: one or more entities among T-cell lymphoma?. <i>Hematological Oncology</i> , 2009, 27, 161-170.	1.7	61
32	S-100 β protein is upregulated in astrocytes and motor neurons in the spinal cord of patients with amyotrophic lateral sclerosis. <i>Neuroscience Letters</i> , 1999, 261, 25-28.	2.1	58
33	Wiskott-Aldrich syndrome protein (WASP) is a tumor suppressor in T cell lymphoma. <i>Nature Medicine</i> , 2019, 25, 130-140.	30.7	57
34	The RNA-binding protein ESRP1 promotes human colorectal cancer progression. <i>Oncotarget</i> , 2017, 8, 10007-10024.	1.8	57
35	In Vivo Interference with Skp1 Function Leads to Genetic Instability and Neoplastic Transformation. <i>Molecular and Cellular Biology</i> , 2002, 22, 8375-8387.	2.3	53
36	Induction of Apoptosis in Estrogen Receptor-Negative Breast Cancer Cells by Natural and Synthetic Cyclopentenones: Role of the I κ B Kinase/Nuclear Factor- κ B Pathway. <i>Molecular Pharmacology</i> , 2006, 70, 1812-1821.	2.3	52

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37	Therapeutic potential of KLF2-induced exosomal microRNAs in pulmonary hypertension. <i>Nature Communications</i> , 2020, 11, 1185.	12.8	52
38	Expression of Angiopoietin-1 in Human Glioblastomas Regulates Tumor-Induced Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 536-541.	2.4	50
39	STAT3-mediated activation of microRNA cluster 17A92 promotes proliferation and survival of ALK-positive anaplastic large cell lymphoma. <i>Haematologica</i> , 2014, 99, 116-124.	3.5	50
40	Hypoxia transcriptionally induces macrophage-inflammatory protein-3/CCL-20 in primary human mononuclear phagocytes through nuclear factor (NF)- κ B. <i>Journal of Leukocyte Biology</i> , 2008, 83, 648-662.	3.3	46
41	Characterization of Murine Girk2 Transcript Isoforms: Structure and Differential Expression. <i>Genomics</i> , 1998, 51, 379-390.	2.9	45
42	Deregulation of ETS1 and FLI1 contributes to the pathogenesis of diffuse large B-cell lymphoma. <i>Blood</i> , 2013, 122, 2233-2241.	1.4	45
43	ALK-Dependent Control of Hypoxia-Inducible Factors Mediates Tumor Growth and Metastasis. <i>Cancer Research</i> , 2014, 74, 6094-6106.	0.9	45
44	SLAMF1 regulation of chemotaxis and autophagy determines CLL patient response. <i>Journal of Clinical Investigation</i> , 2015, 126, 181-194.	8.2	44
45	Inverse relationship between p27/Kip.1 and the F-box protein Skp2 in human astrocytic gliomas by immunohistochemistry and Western blot. <i>Neuroscience Letters</i> , 2002, 328, 125-128.	2.1	41
46	IDH2 inhibition enhances proteasome inhibitor responsiveness in hematological malignancies. <i>Blood</i> , 2019, 133, 156-167.	1.4	40
47	ALK signaling and target therapy in anaplastic large cell lymphoma. <i>Frontiers in Oncology</i> , 2012, 2, 41.	2.8	39
48	Wild-Type IDH Enzymes as Actionable Targets for Cancer Therapy. <i>Cancers</i> , 2019, 11, 563.	3.7	38
49	p27/kip1 expression in oligodendrogliomas and its possible prognostic role. <i>Acta Neuropathologica</i> , 1999, 98, 629-634.	7.7	32
50	Specific Induction of Akt3 in Spinal Cord Motor Neurons is Neuroprotective in a Mouse Model of Familial Amyotrophic Lateral Sclerosis. <i>Molecular Neurobiology</i> , 2014, 49, 136-148.	4.0	32
51	IRF4 Mediates the Oncogenic Effects of STAT3 in Anaplastic Large Cell Lymphomas. <i>Cancers</i> , 2018, 10, 21.	3.7	28
52	The heterogeneous landscape of ALK negative ALCL. <i>Oncotarget</i> , 2017, 8, 18525-18536.	1.8	28
53	In Situ Hybridization Analysis of Girk2 Expression in the Developing Central Nervous System in Normal and Weaver Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 1997, 56, 762-771.	1.7	27
54	Lentiviral vectors carrying enhancer elements of Hb9 promoter drive selective transgene expression in mouse spinal cord motor neurons. <i>Journal of Neuroscience Methods</i> , 2012, 205, 139-147.	2.5	23

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55	Low expression of p27 and low proliferation index do not correlate in hairy cell leukaemia. <i>British Journal of Haematology</i> , 2000, 111, 263-271.	2.5	19
56	Pathobiology of Anaplastic Large Cell Lymphoma. <i>Advances in Hematology</i> , 2010, 2010, 1-10.	1.0	17
57	Nuclear Akt2 Opposes Limbal Keratinocyte Stem Cell Self-Renewal by Repressing a FOXO-mTORC1 Signaling Pathway. <i>Stem Cells</i> , 2014, 32, 754-769.	3.2	17
58	NAMPT Over-Expression Recapitulates the BRAF Inhibitor Resistant Phenotype Plasticity in Melanoma. <i>Cancers</i> , 2020, 12, 3855.	3.7	17
59	Integration of transcriptional and mutational data simplifies the stratification of peripheral Tâ€cell lymphoma. <i>American Journal of Hematology</i> , 2019, 94, 628-634.	4.1	16
60	The Landscape of Signaling Pathways and Proteasome Inhibitors Combinations in Multiple Myeloma. <i>Cancers</i> , 2021, 13, 1235.	3.7	16
61	Integrated DNA copy number and methylation profiling of lymphoid neoplasms using a single array. <i>British Journal of Haematology</i> , 2012, 156, 354-357.	2.5	9
62	Genomic Instability in Multiple Myeloma: A â€Non-Coding RNAâ€Perspective. <i>Cancers</i> , 2021, 13, 2127.	3.7	8
63	Molecular events underlying interleukinâ€6 independence in a subclone of the CMAâ€03 multiple myeloma cell line. <i>Genes Chromosomes and Cancer</i> , 2014, 53, 154-167.	2.8	6
64	Biomimetic mesoporous vectors enabling the efficient inhibition of wild-type isocitrate dehydrogenase in multiple myeloma cells. <i>Microporous and Mesoporous Materials</i> , 2021, 325, 111320.	4.4	5
65	Identification and Validation of the Anaplastic Large Cell Lymphoma Signature. <i>Advances in Experimental Medicine and Biology</i> , 2007, 604, 129-136.	1.6	4
66	Anaplastic lymphoma kinase (ALK) activates Stat3 and protects hematopoietic cells from cell death. , 0,		3
67	Hypermethylation-Mediated Silencing of CIDEA, MAL and PCDH17 Tumour Suppressor Genes in Canine DLBCL: From Multi-Omics Analyses to Mechanistic Studies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4021.	4.1	3
68	Low expression of p27 and low proliferation index do not correlate in hairy cell leukaemia. <i>British Journal of Haematology</i> , 2000, 111, 263-271.	2.5	2
69	Gelsius: A Literature-Based Workflow for Determining Quantitative Associations between Genes and Biological Processes. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2013, 10, 619-631.	3.0	2
70	Convergent Mutations and Kinase Fusions Lead to Oncogenic STAT3 Activation in Anaplastic Large Cell Lymphoma. <i>Cancer Cell</i> , 2015, 27, 744.	16.8	2
71	Next Generation Sequencing (NGS) Strategies for Genetic Testing of Cerebral Cavernous Malformation (CCM) Disease. <i>Methods in Molecular Biology</i> , 2020, 2152, 59-75.	0.9	2
72	Transposable elements: The enemies within. <i>Experimental Hematology</i> , 2016, 44, 913-916.	0.4	1

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73	ALK expression favorably impacts the prognosis of NRAS-mutated metastatic melanomas. <i>Oncology Letters</i> , 2018, 16, 7091-7096.	1.8	1
74	Selective STAT3 Degradation Dissect Peripheral T-Cell Lymphomas Vulnerabilities Empowering Personalized Regimens. <i>Blood</i> , 2021, 138, 865-865.	1.4	0