Giorgio Cattoretti

List of Publications by Year
in descending order

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120 papers	17,282 citations	34105 52 h-index	20961 115 g-index
127 all docs	127 docs citations	127 times ranked	18170 citing authors

#	Article	IF	Citations
1	Promotion of tumorigenesis by heterozygous disruption of the beclin 1 autophagy gene. Journal of Clinical Investigation, 2003, 112, 1809-1820.	8.2	1,957
2	Monoclonal antibodies against recombinant parts of the Ki-67 antigen (MIB 1 and MIB 3) detect proliferating cells in microwave-processed formalin-fixed paraffin sections. Journal of Pathology, 1992, 168, 357-363.	4.5	1,424
3	Essential role of Plzf in maintenance of spermatogonial stem cells. Nature Genetics, 2004, 36, 653-659.	21.4	852
4	Gene Expression Profiling of B Cell Chronic Lymphocytic Leukemia Reveals a Homogeneous Phenotype Related to Memory B Cells. Journal of Experimental Medicine, 2001, 194, 1625-1638.	8.5	823
5	The molecular signature of mediastinal large B-cell lymphoma differs from that of other diffuse large B-cell lymphomas and shares features with classical Hodgkin lymphoma. Blood, 2003, 102, 3871-3879.	1.4	793
6	The BCL-6 proto-oncogene controls germinal-centre formation and Th2-type inflammation. Nature Genetics, 1997, 16, 161-170.	21.4	753
7	Antigen unmasking on formalinâ€fixed, paraffinâ€embedded tissue sections. Journal of Pathology, 1993, 171, 83-98.	4.5	735
8	Transcription factor IRF4 controls plasma cell differentiation and class-switch recombination. Nature Immunology, 2006, 7, 773-782.	14.5	647
9	P53 expression in breast cancer. International Journal of Cancer, 1988, 41, 178-183.	5.1	546
10	Meiotic Pachytene Arrest in MLH1-Deficient Mice. Cell, 1996, 85, 1125-1134.	28.9	528
11	A monoclonal antibody (MUM1p) detects expression of the MUM1/IRF4 protein in a subset of germinal center B cells, plasma cells, and activated T cells. Blood, 2000, 95, 2084-2092.	1.4	409
12	Transcriptional analysis of the B cell germinal center reaction. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2639-2644.	7.1	370
13	Acute leukemia with promyelocytic features in PML/RARÂ transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 5302-5307.	7.1	345
14	Deregulated BCL6 expression recapitulates the pathogenesis of human diffuse large B cell lymphomas in mice. Cancer Cell, 2005, 7, 445-455.	16.8	342
15	AID-Dependent Activation of a MYC Transgene Induces Multiple Myeloma in a Conditional Mouse Model of Post-Germinal Center Malignancies. Cancer Cell, 2008, 13, 167-180.	16.8	322
16	Letters to the editor. Journal of Pathology, 1992, 168, 85-87.	4.5	320
17	Commitment of B Lymphocytes to a Plasma Cell Fate Is Associated with Blimp-1 Expression In Vivo. Journal of Immunology, 2000, 165, 5462-5471.	0.8	311
18	Selective growth response to ILâ€3 of a human leukaemic cell line with megakaryoblastic features. British Journal of Haematology, 1988, 69, 359-366.	2.5	291

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19	Constitutively activated STAT3 promotes cell proliferation and survival in the activated B-cell subtype of diffuse large B-cell lymphomas. Blood, 2008, 111, 1515-1523.	1.4	269
20	NFÂB activity, function, and target-gene signatures in primary mediastinal large B-cell lymphoma and diffuse large B-cell lymphoma subtypes. Blood, 2005, 106, 1392-1399.	1.4	229
21	Tracking germinal center B cells expressing germ-line immunoglobulin Â1 transcripts by conditional gene targeting. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7396-7401.	7.1	205
22	Identification of Hodgkin and Reed-Sternberg cell-specific genes by gene expression profiling. Journal of Clinical Investigation, 2003, 111, 529-537.	8.2	192
23	Regulation of B Versus T Lymphoid Lineage Fate Decision by the Proto-Oncogene LRF. Science, 2007, 316, 860-866.	12.6	190
24	Transcriptional Repression of Stat6-Dependent Interleukin-4-Induced Genes by BCL-6: Specific Regulation of IÉ› Transcription and Immunoglobulin E Switching. Molecular and Cellular Biology, 1999, 19, 7264-7275.	2.3	184
25	IRTA1 and IRTA2, Novel Immunoglobulin Superfamily Receptors Expressed in B Cells and Involved in Chromosome 1q21 Abnormalities in B Cell Malignancy. Immunity, 2001, 14, 277-289.	14.3	176
26	Association between miR-200c and the survival of patients with stage I epithelial ovarian cancer: a retrospective study of two independent tumour tissue collections. Lancet Oncology, The, 2011, 12, 273-285.	10.7	173
27	BCL-6 regulates chemokine gene transcription in macrophages. Nature Immunology, 2000, 1, 214-220.	14.5	164
28	Tracking CD40 signaling during germinal center development. Blood, 2004, 104, 4088-4096.	1.4	154
29	Nuclear and cytoplasmic AID in extrafollicular and germinal center B cells. Blood, 2006, 107, 3967-3975.	1.4	151
30	Resistance to platinum-based chemotherapy is associated with epithelial to mesenchymal transition in epithelial ovarian cancer. European Journal of Cancer, 2013, 49, 520-530.	2.8	141
31	The dynamic expression pattern of B lymphocyte induced maturation protein-1 (Blimp-1) during mouse embryonic development. Mechanisms of Development, 2002, 117, 305-309.	1.7	133
32	Bcl-2 protein expression in carcinomas originating from the follicular epithelium of the thyroid gland. Journal of Pathology, 1994, 172, 337-342.	4.5	132
33	Targeted Disruption of theS1P2Sphingosine 1-Phosphate Receptor Gene Leads to Diffuse Large B-Cell Lymphoma Formation. Cancer Research, 2009, 69, 8686-8692.	0.9	121
34	Stages of Germinal Center Transit Are Defined by B Cell Transcription Factor Coexpression and Relative Abundance. Journal of Immunology, 2006, 177, 6930-6939.	0.8	119
35	Mzf1 controls cell proliferation and tumorigenesis. Genes and Development, 2001, 15, 1625-1630.	5.9	117
36	BCL6 programs lymphoma cells for survival and differentiation through distinct biochemical mechanisms. Blood, 2007, 110, 2067-2074.	1.4	117

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37	Multiplex Staining by Sequential Immunostaining and Antibody Removal on Routine Tissue Sections. Journal of Histochemistry and Cytochemistry, 2017, 65, 431-444.	2.5	116
38	Expression of the IRTA1 receptor identifies intraepithelial and subepithelial marginal zone B cells of the mucosa-associated lymphoid tissue (MALT). Blood, 2003, 102, 3684-3692.	1.4	114
39	Molecular Pathogenesis of Non-Hodgkin's Lymphoma: the Role of Bcl-6. Leukemia and Lymphoma, 2003, 44, S5-S12.	1.3	113
40	IRTAs: a new family of immunoglobulinlike receptors differentially expressed in B cells. Blood, 2002, 99, 2662-2669.	1.4	111
41	PRDM1/Blimp-1 is expressed in human B-lymphocytes committed to the plasma cell lineage. Journal of Pathology, 2005, 206, 76-86.	4.5	97
42	Relationship between REL amplification, REL function, and clinical and biologic features in diffuse large B-cell lymphomas. Blood, 2004, 103, 1862-1868.	1.4	96
43	BCL6 Controls the Expression of the B7-1/CD80 Costimulatory Receptor in Germinal Center B Cells. Journal of Experimental Medicine, 2003, 198, 211-221.	8.5	93
44	Identification of Hodgkin and Reed-Sternberg cell-specific genes by gene expression profiling. Journal of Clinical Investigation, 2003, 111, 529-537.	8.2	82
45	Molecular cloning of IBP, a SWAP-70 homologous GEF, which is highly expressed in the immune system. Human Immunology, 2003, 64, 389-401.	2.4	78
46	Leukemia with distinct phenotypes in transgenic mice expressing PML/RARÎ±, PLZF/RARÎ± or NPM/RARÎ±. Oncogene, 2006, 25, 1974-1979.	5.9	78
47	A Novel Panel of Antibodies that Segregates Immunocytochemically Poorly Differentiated Carcinoma from Undifferentiated Carcinoma of the Thyroid Gland. American Journal of Surgical Pathology, 1994, 18, 1054-1064.	3.7	74
48	Antigen Unmasking on Formalin-Fixed Paraffin-Embedded Tissues Using Microwaves. Advances in Anatomic Pathology, 1995, 2, 2-9.	4.3	64
49	Interferon Î³ Signaling Alters the Function of T Helper Type 1 Cells. Journal of Experimental Medicine, 2000, 192, 977-986.	8.5	57
50	Downstream of Tyrosine Kinases-1 and Src Homology 2-Containing Inositol 5â€²-Phosphatase Are Required for Regulation of CD4+CD25+ T Cell Development. Journal of Immunology, 2006, 176, 3958-3965.	0.8	57
51	Antigen Masking During Fixation and Embedding, Dissected. Journal of Histochemistry and Cytochemistry, 2017, 65, 5-20.	2.5	56
52	Immunohistochemical Markers for the Rodent Immune System. Toxicologic Pathology, 2006, 34, 616-630.	1.8	53
53	The Zinc Finger Gene ZIC2 Has Features of an Oncogene and Its Overexpression Correlates Strongly with the Clinical Course of Epithelial Ovarian Cancer. Clinical Cancer Research, 2012, 18, 4313-4324.	7.0	53
54	miRNA Landscape in Stage I Epithelial Ovarian Cancer Defines the Histotype Specificities. Clinical Cancer Research, 2013, 19, 4114-4123.	7.0	53

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55	Elution of High-affinity (>10⁻⁹ K_D) Antibodies from Tissue Sections. Journal of Histochemistry and Cytochemistry, 2014, 62, 519-531.	2.5	53
56	The high lysability by lak cells of colon-carcinoma cells resistant to doxorubicin is associated with a high expression of ICAM-1, LFA-3, NCA and a less-differentiated phenotype. International Journal of Cancer, 1991, 47, 746-754.	5.1	52
57	Cellular, intracellular, and developmental expression patterns of murine SWAP-70. European Journal of Immunology, 1999, 29, 1812-1822.	2.9	49
58	Integration of Hybrid Single-Photon Emission Computed Tomography/Computed Tomography in the Preoperative Assessment of Sentinel Node in Patients With Cervical and Endometrial Cancer. International Journal of Gynecological Cancer, 2012, 22, 830-835.	2.5	47
59	Functional heterogeneity of lymphocytic patterns in primary melanoma dissected through single-cell multiplexing. ELife, 2020, 9, .	6.0	44
60	Improved avidinâ€"biotinâ€"peroxidase complex (ABC) staining. The Histochemical Journal, 1988, 20, 75-80.	0.6	41
61	Detection of high molecular weight proteins by MALDI imaging mass spectrometry. Molecular BioSystems, 2013, 9, 1101.	2.9	40
62	In-depth characterization of the tumor microenvironment in central nervous system lymphoma reveals implications for immune-checkpoint therapy. Cancer Immunology, Immunotherapy, 2020, 69, 1751-1766.	4.2	36
63	Immuno-electron Microscopy Characterization of Human Bone Marrow Stromal Cells with Anti-NGFR Antibodies. Blood Cells, Molecules, and Diseases, 1995, 21, 73-85.	1.4	35
64	Flow cytometric analysis of normal and reactive spleen. Modern Pathology, 2004, 17, 918-927.	5.5	32
65	A Case of Chronic Neutrophilic Leukemia with Trisomy 8. Acta Haematologica, 1989, 81, 148-151.	1.4	30
66	Correlation Between Presence of Clonal Rearrangements of Immunoglobulin Heavy Chain Genes and B-Cell Antigen Expression in Hodgkinâ€™s Disease. American Journal of Clinical Pathology, 1995, 104, 413-418.	0.7	30
67	Gene Expression Dynamics during Germinal Center Transit in B Cells. Annals of the New York Academy of Sciences, 2003, 987, 166-172.	3.8	30
68	PKHhigh cells within clonal human nephrospheres provide a purified adult renal stem cell population. Stem Cell Research, 2013, 11, 1163-1177.	0.7	29
69	The Tnfrh1 (Tnfrsf23) gene is weakly imprinted in several organs and expressed at the trophoblast-decidua interface. BMC Genetics, 2002, 3, 11.	2.7	29
70	Nephrosphere-Derived Cells Are Induced to Multilineage Differentiation when Cultured on Human Decellularized Kidney Scaffolds. American Journal of Pathology, 2018, 188, 184-195.	3.8	25
71	Subtypes of epstein-barr virus in HIV-1-associated and HIV-1-unrelated hodgkin's disease cases. International Journal of Cancer, 1993, 54, 895-898.	5.1	24
72	Antibodies are forever: a study using 12â€"26â€yearâ€old expired antibodies. Histopathology, 2013, 63, 869-876.	2.9	24

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73	<scp>MYC</scp> expression and distribution in normal mature lymphoid cells. Journal of Pathology, 2013, 229, 430-440.	4.5	24
74	Novel Relational Database for Tissue Microarray Analysis. Archives of Pathology and Laboratory Medicine, 2003, 127, 492-494.	2.5	24
75	Amyloid deposition in the tongue: clinical and histopathological profile. Anticancer Research, 2010, 30, 3009-14.	1.1	24
76	Terminal deoxynucleotidyl transferase-positive B cell precursors in fetal lymph nodes and extrahemopoietic tissues. European Journal of Immunology, 1989, 19, 493-500.	2.9	22
77	Detection of hepatitis B virus DNA sequences in bone marrow of children with leukemia. Cancer, 1987, 59, 292-296.	4.1	21
78	Report: workshop on mediastinal grey zone lymphoma. European Journal of Haematology, 2005, 75, 45-52.	2.2	19
79	Identification of rare Epstein-Barr virus infected memory B cells and plasma cells in non-monomorphic post-transplant lymphoproliferative disorders and the signature of viral signaling. Haematologica, 2006, 91, 1313-20.	3.5	18
80	<scp>MALDI</scp> imaging mass spectrometry in glomerulonephritis: feasibility study. Histopathology, 2014, 64, 901-906.	2.9	17
81	Disaccharides Protect Antigens from Drying-Induced Damage in Routinely Processed Tissue Sections. Journal of Histochemistry and Cytochemistry, 2016, 64, 18-31.	2.5	17
82	Mapping the Immune Landscape in Metastatic Melanoma Reveals Localized Cellâ€“Cell Interactions That Predict Immunotherapy Response. Cancer Research, 2022, 82, 3275-3290.	0.9	17
83	Recurrences of isolated leukemic hypopyon in a child with acute lymphoblastic leukemia. Cancer, 1986, 57, 380-384.	4.1	16
84	Glycosylphosphatidylinositol-linked proteins are required for maintenance of a normal peripheral lymphoid compartment but not for lymphocyte development. European Journal of Immunology, 2002, 32, 2607-2616.	2.9	16
85	Distinct morphophenotypic features of chronic Bâ€cell leukaemias identified with CDlc and CD23 antibodies. European Journal of Haematology, 1991, 47, 28-35.	2.2	15
86	Dominant negative retinoic acid receptor initiates tumor formation in mice. Molecular Cancer, 2006, 5, 12.	19.2	14
87	Epitope Recognition in the Humanâ€“Pig Comparison Model on Fixed and Embedded Material. Journal of Histochemistry and Cytochemistry, 2015, 63, 805-822.	2.5	14
88	The Adaptive and Innate Immune Cell Landscape of Uterine Leiomyosarcomas. Scientific Reports, 2020, 10, 702.	3.3	14
89	CD117 expression in diffuse large B-cell lymphomas: Fact or fiction?. Pathology International, 2005, 55, 716-723.	1.3	13
90	Primary angiitis of the central nervous system: 2 atypical cases. Folia Neuropathologica, 2012, 3, 293-299.	1.2	11

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91	NFÎºB Activation in Primary Mediastinal Large B-Cell Lymphoma: Nuclear Localization of c-REL and Coordinate Upregulation of NFÎºB Target Genes.. Blood, 2004, 104, 243-243.	1.4	11
92	p53 Deficiency Increases Transformation by v-Abl and Rescues the Ability of a C-Terminally Truncated v-Abl Mutant To Induce Pre-B Lymphoma In Vivo. Molecular and Cellular Biology, 2000, 20, 628-633.	2.3	10
93	Nasopharyngeal Tonsils (Adenoids) Contain Extrathymic Corticothymocytes. PLoS ONE, 2014, 9, e98222.	2.5	10
94	A 2-Step Laemmli and Antigen Retrieval Method Improves Immunodetection. Applied Immunohistochemistry and Molecular Morphology, 2016, 24, 436-446.	1.2	9
95	Dynamic Expression of BCL6 in Murine Conventional Dendritic Cells during In Vivo Development and Activation. PLoS ONE, 2014, 9, e101208.	2.5	9
96	A Multi-Omics Analysis of Metastatic Melanoma Identifies a Germinal Center-Like Tumor Microenvironment in HLA-DR-Positive Tumor Areas. Frontiers in Oncology, 2021, 11, 636057.	2.8	8
97	Standardization and reproducibility in diagnostic immunohistochemistry. Human Pathology, 1994, 25, 1107.	2.0	7
98	Proliferating normal bone marrow cells do stain for Ki-67 antigen. British Journal of Haematology, 1993, 85, 835-836.	2.5	6
99	Nonsebaceous lymphadenoma of salivary gland: report of a case with immunohistochemistry and review of the literature. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2012, 114, e41-e47.	0.4	6
100	Unidentified Variables May Account for Variability in Multiplexing Results. Journal of Histochemistry and Cytochemistry, 2020, 68, 351-353.	2.5	6
101	The normal and fibrotic mouse lung classified by spatial proteomic analysis. Scientific Reports, 2022, 12, .	3.3	6
102	Whole-slide, Quadruple Immunofluorescence Labeling of Routinely Processed Paraffin Sections. Applied Immunohistochemistry and Molecular Morphology, 2014, 22, e1-e7.	1.2	5
103	The Plasmablasts in Castleman Disease. American Journal of Clinical Pathology, 2013, 139, 555-559.	0.7	4
104	PKHhigh/CD133+/CD24âˆ’ Renal Stem-Like Cells Isolated from Human Nephrospheres Exhibit In Vitro Multipotency. Cells, 2020, 9, 1805.	4.1	4
105	Rejuvenated Vintage Tissue Sections Highlight Individual Antigen Fate During Processing and Long-term Storage. Journal of Histochemistry and Cytochemistry, 2021, 69, 659-667.	2.5	4
106	IRF-4/MUM-1 Expression Is a Critical Switch in the Generation of Plasma Cells Versus Memory B-Cells.. Blood, 2005, 106, 337-337.	1.4	4
107	Peritoneal Malignant Mesothelioma Metastatic to Supraclavicular Lymph Nodes. International Journal of Surgical Pathology, 2014, 22, 552-554.	0.8	3
108	An insider's view on how Kiâ€67, the bright beacon of cell proliferation, became very popular. A tribute to Johannes Gerdes (1950â€“2016). Histopathology, 2018, 73, 191-196.	2.9	3

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109	Antibodies validated for routinely processed tissues stain frozen sectionsÂunpredictably. BioTechniques, 2021, 70, 137-148.	1.8	3
110	Constitutively Activated STAT3 Promotes Cell Proliferation and Survival in the Activated B Cell Subtype of Diffuse Large B Cell Lymphomas.. Blood, 2007, 110, 1621-1621.	1.4	3
111	Letter to the editor. Journal of Pathology, 1995, 176, 217-218.	4.5	2
112	Tracking CD40 Signaling during Normal Germinal Center Development by Gene Expression Profiling. Annals of the New York Academy of Sciences, 2003, 987, 288-290.	3.8	2
113	Background-free Detection of Mouse Antibodies on Mouse Tissue by Anti-isotype Secondary Antibodies. Journal of Histochemistry and Cytochemistry, 2021, 69, 535-541.	2.5	2
114	CORRELATION BETWEEN FRAILTY AND DNA DAMAGE IN HEMATOPOIETIC STEM CELLS: A PILOT STUDY. Innovation in Aging, 2019, 3, S87-S87.	0.1	1
115	Specificity of anti-MYC antibodies. Journal of Biological Chemistry, 2020, 295, 298.	3.4	1
116	Analysis of the Germinal Center Reaction in Tissue Sections. Methods in Molecular Biology, 2017, 1623, 1-20.	0.9	1
117	IRTA Family Proteins: Transmembrane Receptors Differentially Expressed in Normal B Cells and Involved in Lymphomagenesis. Annals of the New York Academy of Sciences, 2003, 987, 312-313.	3.8	0
118	Comment to â€œMolecular approach to the classification of chronic fibrosing lung diseaseâ€”there and back againâ€. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 1221-1221.	2.8	0
119	Life After Death: The Devilâ€™s Details. American Journal of Clinical Pathology, 2021, 156, 491-492.	0.7	0
120	LRF/Pokemon Plays a Pivotal Role in B Versus T Lymphoid Lineage Fate Decision at the Early Lymphoid Progenitor Stage by Opposing Notch1 Signaling.. Blood, 2006, 108, 778-778.	1.4	0