Karen Leroy

List of Publications by Year in descending order

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114	7,605	45	85
papers	citations	h-index	g-index
118	118	118	10137 citing authors
all docs	docs citations	times ranked	

#	Article	IF	CITATIONS
1	Molecular Diagnosis of Primary Mediastinal B Cell Lymphoma Identifies a Clinically Favorable Subgroup of Diffuse Large B Cell Lymphoma Related to Hodgkin Lymphoma. Journal of Experimental Medicine, 2003, 198, 851-862.	8.5	1,002
2	Evaluation of tumor microsatellite instability using five quasimonomorphic mononucleotide repeats and pentaplex PCR. Gastroenterology, 2002, 123, 1804-1811.	1.3	535
3	The gene expression profile of nodal peripheral T-cell lymphoma demonstrates a molecular link between angioimmunoblastic T-cell lymphoma (AITL) and follicular helper T (TFH) cells. Blood, 2007, 109, 4952-4963.	1.4	533
4	MYC-IG rearrangements are negative predictors of survival in DLBCL patients treated with immunochemotherapy: a GELA/LYSA study. Blood, 2015, 126, 2466-2474.	1.4	212
5	Recurrent RAS and PIK3CA mutations in Erdheim-Chester disease. Blood, 2014, 124, 3016-3019.	1.4	197
6	High prevalence of Foxp3 and IL17 in MMR-proficient colorectal carcinomas. Gut, 2008, 57, 772-779.	12.1	190
7	Constitutive STAT6 activation in primary mediastinal large B-cell lymphoma. Blood, 2004, 104, 543-549.	1.4	183
8	Next-Generation Sequencing in Diffuse Large B-Cell Lymphoma Highlights Molecular Divergence and Therapeutic Opportunities: a LYSA Study. Clinical Cancer Research, 2016, 22, 2919-2928.	7.0	181
9	Recurrent somatic mutations of PTPN1 in primary mediastinal B cell lymphoma and Hodgkin lymphoma. Nature Genetics, 2014, 46, 329-335.	21.4	180
10	Structural profiles of TP53 gene mutations predict clinical outcome in diffuse large B-cell lymphoma: an international collaborative study. Blood, 2008, 112, 3088-3098.	1.4	173
11	Human IL411 is a secreted l-phenylalanine oxidase expressed by mature dendritic cells that inhibits T-lymphocyte proliferation. Blood, 2007, 110, 220-227.	1.4	140
12	MAL Expression in Lymphoid Cells: Further Evidence for MAL as a Distinct Molecular Marker of Primary Mediastinal Large B-Cell Lymphomas. Modern Pathology, 2002, 15, 1172-1180.	5.5	138
13	Small lymphocytic lymphoma, marginal zone B-cell lymphoma, and mantle cell lymphoma exhibit distinct gene-expression profiles allowing molecular diagnosis. Blood, 2004, 103, 2727-2737.	1.4	127
14	Diffuse large B-cell lymphomas with CDKN2A deletion have a distinct gene expression signature and a poor prognosis under R-CHOP treatment: a GELA study. Blood, 2010, 116, 1092-1104.	1.4	122
15	The MAL Gene Is Expressed in Primary Mediastinal Large B-Cell Lymphoma. Blood, 1999, 94, 3567-3575.	1.4	119
16	Erythropoietic protoporphyria in the house mouse. A recessive inherited ferrochelatase deficiency with anemia, photosensitivity, and liver disease Journal of Clinical Investigation, 1991, 88, 1730-1736.	8.2	116
17	Immuno–Fluorescence In Situ Hybridization Index Predicts Survival in Patients With Diffuse Large B-Cell Lymphoma Treated With R-CHOP: A GELA Study. Journal of Clinical Oncology, 2009, 27, 5573-5579.	1.6	113
18	Recurrent mutations of the STAT6 DNA binding domain in primary mediastinal B-cell lymphoma. Blood, 2009, 114, 1236-1242.	1.4	111

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19	Prognostic Value of Translocation t(11;18) in Tumoral Response of Low-Grade Gastric Lymphoma of Mucosa-Associated Lymphoid Tissue Type to Oral Chemotherapy. Journal of Clinical Oncology, 2005, 23, 5061-5066.	1.6	110
20	Role of Noncoding RNA ANRIL in Genesis of Plexiform Neurofibromas in Neurofibromatosis Type 1. Journal of the National Cancer Institute, 2011, 103, 1713-1722.	6.3	106
21	Hsa-miR-31-3p Expression Is Linked to Progression-free Survival in Patients with KRAS Wild-type Metastatic Colorectal Cancer Treated with Anti-EGFR Therapy. Clinical Cancer Research, 2014, 20, 3338-3347.	7.0	98
22	Dimethyl fumarate, a twoâ€edged drug: Current status and future directions. Medicinal Research Reviews, 2019, 39, 1923-1952.	10.5	98
23	The expression of 16 genes related to the cell of origin and immune response predicts survival in elderly patients with diffuse large B-cell lymphoma treated with CHOP and rituximab. Leukemia, 2008, 22, 1917-1924.	7.2	95
24	<i>CDKN2A</i> homozygous deletion is associated with muscle invasion in <i>FGFR3</i> â€mutated urothelial bladder carcinoma. Journal of Pathology, 2012, 227, 315-324.	4.5	90
25	The tumor inflammation signature (TIS) is associated with anti-PD-1 treatment benefit in the CERTIM pan-cancer cohort. Journal of Translational Medicine, 2019, 17, 357.	4.4	88
26	Molecular profiling of malignant peripheral nerve sheath tumors associated with neurofibromatosis type 1, based on large-scale real-time RT-PCR. Molecular Cancer, 2004, 3, 20.	19.2	85
27	p53 gene mutations are associated with poor survival in low and low-intermediate risk diffuse large B-cell lymphomas. Annals of Oncology, 2002, 13, 1108-1115.	1.2	84
28	Efficacy of Immune Checkpoint Inhibitors in Lung Sarcomatoid Carcinoma. Journal of Thoracic Oncology, 2020, 15, 860-866.	1.1	84
29	Biological and Clinical Relevance of Associated Genomic Alterations in MYD88 L265P and non-L265P–Mutated Diffuse Large B-Cell Lymphoma: Analysis of 361 Cases. Clinical Cancer Research, 2017, 23, 2232-2244.	7.0	82
30	DNA degrades during storage in formalin-fixed and paraffin-embedded tissue blocks. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2017, 471, 491-500.	2.8	80
31	Young Patients With Non–Germinal Center B-Cell–Like Diffuse Large B-Cell Lymphoma Benefit From Intensified Chemotherapy With ACVBP Plus Rituximab Compared With CHOP Plus Rituximab: Analysis of Data From the Groupe d'Etudes des Lymphomes de l'Adulte/Lymphoma Study Association Phase III Trial LNH 03-2B, Journal of Clinical Oncology, 2014, 32, 3996-4003.	1.6	79
32	Recurrent mutations of the exportin 1 gene (XPO1) and their impact on selective inhibitor of nuclear export compounds sensitivity in primary mediastinal Bâ€cell lymphoma. American Journal of Hematology, 2016, 91, 923-930.	4.1	79
33	Human Interleukin-10 Expression in T/Natural Killer-Cell Lymphomas. American Journal of Pathology, 1998, 153, 1229-1237.	3.8	75
34	Whole exome sequencing of relapsed/refractory patients expands the repertoire of somatic mutations in diffuse large <scp>B</scp> â€cell lymphoma. Genes Chromosomes and Cancer, 2016, 55, 251-267.	2.8	75
35	Sarcopenic overweight is associated with early acute limiting toxicity of anti-PD1 checkpoint inhibitors in melanoma patients. Investigational New Drugs, 2017, 35, 436-441.	2.6	73
36	Predictive Value of Soluble PD-1, PD-L1, VEGFA, CD40 Ligand and CD44 for Nivolumab Therapy in Advanced Non-Small Cell Lung Cancer: A Case-Control Study. Cancers, 2020, 12, 473.	3.7	72

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37	Somatic mutations of cell-free circulating DNA detected by next-generation sequencing reflect the genetic changes in both germinal center B-cell-like and activated B-cell-like diffuse large B-cell lymphomas at the time of diagnosis. Haematologica, 2015, 100, e280-e284.	3.5	69
38	Interleukin 4–induced gene 1 is activated in primary mediastinal large B-cell lymphoma. Blood, 2003, 101, 2756-2761.	1.4	61
39	Metachronous gastric MALT lymphoma and early gastric cancer: is residual lymphoma a risk factor for the development of gastric carcinoma?. Annals of Oncology, 2005, 16, 1232-1236.	1.2	57
40	Dimethyl Fumarate Controls the NRF2/DJ-1 Axis in Cancer Cells: Therapeutic Applications. Molecular Cancer Therapeutics, 2017, 16, 529-539.	4.1	54
41	CD158K/KIR3DL2 Transcript Detection in Lesional Skin of Patients with Erythroderma Is a Tool for the Diagnosis of Sézary Syndrome. Journal of Investigative Dermatology, 2008, 128, 465-472.	0.7	51
42	Accurate Classification of Germinal Center B-Cell–Like/Activated B-Cell–Like Diffuse Large B-Cell Lymphoma Using a Simple and Rapid Reverse Transcriptase–Multiplex Ligation-Dependent Probe Amplification Assay. Journal of Molecular Diagnostics, 2015, 17, 273-283.	2.8	50
43	Tumor heterogeneity of fibroblast growth factor receptor 3 (FGFR3) mutations in invasive bladder cancer: implications for perioperative anti-FGFR3 treatment. Annals of Oncology, 2016, 27, 1311-1316.	1.2	49
44	Microarray-Based Identification of Tenascin C and Tenascin XB, Genes Possibly Involved in Tumorigenesis Associated with Neurofibromatosis Type 1. Clinical Cancer Research, 2007, 13, 398-407.	7.0	48
45	A Meta-Analysis of the Relationship between FGFR3 and TP53 Mutations in Bladder Cancer. PLoS ONE, 2012, 7, e48993.	2.5	47
46	Identification of Genes Potentially Involved in the Increased Risk of Malignancy in NF1-Microdeleted Patients. Molecular Medicine, 2011, 17, 79-87.	4.4	46
47	MicroRNAome profiling in benign and malignant neurofibromatosis type 1-associated nerve sheath tumors: evidences of PTEN pathway alterations in early NF1 tumorigenesis. BMC Genomics, 2013, 14, 473.	2.8	46
48	Treatment of $t(11;18)$ -positive gastric mucosa-associated lymphoid tissue lymphoma with rituximab and chlorambucil: clinical, histological, and molecular follow-up. Leukemia and Lymphoma, 2010, 51, 284-290.	1.3	45
49	The Activation of the WNT Signaling Pathway Is a Hallmark in Neurofibromatosis Type 1 Tumorigenesis. Clinical Cancer Research, 2014, 20, 358-371.	7.0	44
50	STAT6 activity is regulated by SOCS-1 and modulates BCL-XL expression in primary mediastinal B-Cell lymphoma. Leukemia, 2008, 22, 2106-2110.	7.2	43
51	Neoadjuvant FOLFOX 4 versus FOLFOX 4 with Cetuximab versus immediate surgery for high-risk stage II and III colon cancers: a multicentre randomised controlled phase II trial – the PRODIGE 22 - ECKINOXE trial. BMC Cancer, 2015, 15, 511.	2.6	43
52	Involvement of the Leptin Receptor in the Immune Response in Intestinal Cancer. Cancer Research, 2008, 68, 9413-9422.	0.9	40
53	Determination of Molecular Subtypes of Diffuse Large B-Cell Lymphoma Using a Reverse Transcriptase Multiplex Ligation-Dependent Probe Amplification Classifier. Journal of Molecular Diagnostics, 2017, 19, 892-904.	2.8	39
54	Somatic IL4R mutations in primary mediastinal large B-cell lymphoma lead to constitutive JAK-STAT signaling activation. Blood, 2018, 131, 2036-2046.	1.4	39

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55	Identification of a novel cDNA, encoding a cytoskeletal associated protein, differentially expressed in diffuse large B cell lymphomas. Oncogene, 1998, 17, 1245-1251.	5.9	38
56	Immunoglobulin heavy chain/light chain pair measurement is associated with survival in diffuse large B-cell lymphoma. Leukemia and Lymphoma, 2013, 54, 1898-1907.	1.3	36
57	Expression of p53 protein in T- and natural killer-cell lymphomas is associated with some clinicopathologic entities but rarely related to p53 mutations. Human Pathology, 2001, 32, 196-204.	2.0	34
58	Molecular Profiles of Neurofibromatosis Type 1-Associated Plexiform Neurofibromas. Clinical Cancer Research, 2004, 10, 3763-3771.	7.0	34
59	Fate of ?-Hemoglobin Chains and Erythrocyte Defects in ?-Thalassemia. Annals of the New York Academy of Sciences, 1990, 612, 106-117.	3.8	32
60	STAT6-mediated BCL6 repression in primary mediastinal B-cell lymphoma (PMBL). Oncotarget, 2013, 4, 1093-1102.	1.8	32
61	Rituximab and chlorambucil versus rituximab alone in gastric mucosa-associated lymphoid tissue lymphoma according to $t(11;18)$ status: a monocentric non-randomized observational study. Leukemia and Lymphoma, 2013, 54, 940-944.	1.3	29
62	Dimethyl fumarate is highly cytotoxic in KRAS mutated cancer cells but spares non-tumorigenic cells. Oncotarget, 2018, 9, 9088-9099.	1.8	29
63	Refining diffuse large B-cell lymphoma subgroups using integrated analysis of molecular profiles. EBioMedicine, 2019, 48, 58-69.	6.1	29
64	The alternative RelB NF-κB subunit is a novel critical player in diffuse large B-cell lymphoma. Blood, 2022, 139, 384-398.	1.4	29
65	Mucosa-associated lymphoid tissue lymphoma of the thymus: a case report with no evidence of MALT1 rearrangement. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2005, 446, 189-193.	2.8	28
66	Quantitative RT-PCR reveals a ubiquitous but preferentially neural expression of the KIS gene in rat and human. Molecular Brain Research, 2003, 114, 55-64.	2.3	24
67	Protocadherin 15 (PCDH15): a new secreted isoform and a potential marker for NK/T cell lymphomas. Oncogene, 2006, 25, 2807-2811.	5.9	23
68	Performance and Cost Efficiency of KRAS Mutation Testing for Metastatic Colorectal Cancer in Routine Diagnosis: The MOKAECM Study, a Nationwide Experience. PLoS ONE, 2013, 8, e68945.	2.5	23
69	Three Rounds of External Quality Assessment in France to Evaluate the Performance of 28 Platforms for Multiparametric Molecular Testing in Metastatic Colorectal and Non-Small Cell Lung Cancer. Journal of Molecular Diagnostics, 2016, 18, 205-214.	2.8	23
70	BCL2 expression but not MYC and BCL2 coexpression predicts survival in elderly patients with diffuse large B-cell lymphoma independently of cell of origin in the phase 3 LNH03-6B trial. Annals of Oncology, 2017, 28, 1042-1049.	1.2	21
71	Cracking the homologous recombination deficiency code: how to identify responders to PARP inhibitors. European Journal of Cancer, 2022, 166, 87-99.	2.8	21
72	Antiproliferative Effect of Semaphorin 3F on Human Melanoma Cell Lines. Journal of Investigative Dermatology, 2006, 126, 2343-2345.	0.7	19

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73	Rituximab, alkylating agents or combination therapy for gastric mucosaâ€associated lymphoid tissue lymphoma: a monocentric nonâ€randomised observational study. Alimentary Pharmacology and Therapeutics, 2014, 39, 619-628.	3.7	19
74	BRAF V600E mutations in bile duct adenomas. Hepatology, 2015, 61, 403-405.	7.3	19
75	Redifferentiating Effect of Larotrectinib in <i>NTRK</i> -Rearranged Advanced Radioactive-lodine Refractory Thyroid Cancer. Thyroid, 2022, 32, 594-598.	4.5	19
76	Cell cycle checkpoint status in human malignant mesothelioma cell lines: response to gamma radiation. British Journal of Cancer, 2003, 88, 388-395.	6.4	18
77	Mucosaâ€associated lymphoid tissue lymphoma in patients with human immunodeficiency virus infection. British Journal of Haematology, 2008, 140, 470-474.	2.5	18
78	Differential Expression of <i>CCN1 </i> / <i> CYR61 </i> , <i>CCN3/NOV </i> , <i>CCN4/WISP1 </i> , and <i>CCN5/WISP2 </i> in Neurofibromatosis Type 1 Tumorigenesis. Journal of Neuropathology and Experimental Neurology, 2010, 69, 60-69.	1.7	16
79	Reliable subtype classification of diffuse large B-cell lymphoma samples from GELA LNH2003 trials using the Lymph2Cx gene expression assay. Haematologica, 2017, 102, e404-e406.	3.5	16
80	STAT6 is a cargo of exportin 1: Biological relevance in primary mediastinal B-cell lymphoma. Cellular Signalling, 2018, 46, 76-82.	3.6	15
81	Primary Hepatic Lymphoma of Mucosa-Associated Lymphoid Tissue Type: A Case Report With Cytogenetic Study. International Journal of Surgical Pathology, 2008, 16, 301-307.	0.8	14
82	Improvement of the quality of BRAF testing in melanomas with nationwide external quality assessment, for the BRAF EQA group. BMC Cancer, 2013, 13, 472.	2.6	11
83	Activated protein C resistance acquired through liver transplantation and associated with recurrent venous thrombosis. Journal of Hepatology, 2003, 38, 866-869.	3.7	10
84	SOX9 expression increases with malignant potential in tumors from patients with neurofibromatosis 1 and is not correlated to desert hedgehog. Human Pathology, 2011, 42, 434-443.	2.0	10
85	The NRF2 transcriptional target NQO1 has low mRNA levels in TP53-mutated endometrial carcinomas. PLoS ONE, 2019, 14, e0214416.	2.5	10
86	EGFR Exon 20 Insertion in Metastatic Non-Small-Cell Lung Cancer: Survival and Clinical Efficacy of EGFR Tyrosine-Kinase Inhibitor and Chemotherapy. Cancers, 2021, 13, 5132.	3.7	9
87	Is Elevated Gastric Tissue NOX2 Associated with Lymphoma of Mucosa-Associated Lymphoid Tissue?. Antioxidants and Redox Signaling, 2012, 16, 1205-1211.	5.4	7
88	c-Rel Is the Pivotal NF-κB Subunit in Germinal Center Diffuse Large B-Cell Lymphoma: A LYSA Study. Frontiers in Oncology, 2021, 11, 638897.	2.8	7
89	Standardisation of pathogenicity classification for somatic alterations in solid tumours and haematologic malignancies. European Journal of Cancer, 2021, 159, 1-15.	2.8	7
90	ER stress in diffuse large B cell lymphoma: GRP94 is a possible biomarker in germinal center versus activated B-cell type. Leukemia Research, 2013, 37, 3-8.	0.8	6

#	ARTICLE Integrated Analysis of High-Resolution Gene Expression and Copy Number Profiling Identified Bialielic	IF	Citations
91	Deletion of CDKN2A/2B Tumor Suppressor Locus As the Most Frequent and Unique Genomic Abnormality in Diffuse Large B-Cell Lymphoma (DLBCL) with Strong Prognostic Value in Both GCB and ABC Subtypes and Not October 1771-18	1.4	6
92	Isolated 5′ Signals Are an Atypical Pattern To Be Considered as Positive for ALK Rearrangement: A Brief Report of Three Cases and Review of the Literature. Translational Oncology, 2019, 12, 784-787.	3.7	5
93	R-ACVBP Benefits to Younger Patients with Non-Germinal Centre Diffuse Large B-Cell Lymphoma As Compared to R-CHOP in the GELA Trial LNH03-2B. Blood, 2011, 118, 2632-2632.	1.4	5
94	Evaluation of a low density DNA microarray for small B-cell non-Hodgkin lymphoma differential diagnosis. Leukemia and Lymphoma, 2009, 50, 410-418.	1.3	4
95	Occupational exposure to polycyclic aromatic hydrocarbons influenced neither the frequency nor the spectrum of FGFR3 mutations in bladder urothelial carcinoma. Molecular Carcinogenesis, 2010, 49, 25-31.	2.7	4
96	Accurate Classification Of GCB/ABC and MYC/BCL2 Diffuse Large B-Cell Lymphoma With a 14 Genes Expression Signature and a Simple and Robust RT-MLPA Assay. Blood, 2013, 122, 84-84.	1.4	3
97	Targeting STAT6 in PMBL. Oncotarget, 2014, 5, 7216-7216.	1.8	3
98	Discovery and validation of a transcriptional signature identifying homologous recombination-deficient breast, endometrial and ovarian cancers. British Journal of Cancer, 2022, 127, 1123-1132.	6.4	3
99	DNA comparison between operative and biopsy specimens to investigate stage pTO after radical prostatectomy. World Journal of Urology, 2014, 32, 899-904.	2,2	2
100	Recurrent Mutations of the Exportin 1 Gene (XPO1) in Primary Mediastinal B-Cell Lymphoma: A Lysa Study. Blood, 2015, 126, 129-129.	1.4	2
101	Transcriptome in paraffin samples for the diagnosis and prognosis of adrenocortical carcinoma. European Journal of Endocrinology, 2022, 186, 607-617.	3.7	2
102	Expression of MYC, IgM, As Well As Non-Germinal Centre B-Cell Like Immunophenotype and Positive Immunofish Index Predict a Worse Progression Free Survival and Overall Survival in a Series of 670 De Novo Diffuse Large B-Cell Lymphomas Included in Clinical Trials: A GELA Study of the 2003 Program. Blood, 2012, 120, 1539-1539.	1.4	1
103	Protein Tyrosine Phosphatase Type-1 (PTPN1) Is Frequently Mutated In Primary Mediastinal B Cell Lymphoma and Hodgkin Lymphoma. Blood, 2013, 122, 242-242.	1.4	1
104	Correlations between p53 overexpression, serum antibodies and gene mutation in colorectal cancer. Gastroenterology, 1998, 114, A605.	1.3	0
105	Whole exome sequencing (WES) and RNA sequencing (RNA-seq) in routine clinical practice for colorectal cancer (CRC) and non-small cell lung cancer (NSCLC) patients (pts). Annals of Oncology, 2016, 27, vi29.	1.2	O
106	Identification of patients at risk for severe toxicity under PD1 inhibitors: role of sarcopenic overweight. Annals of Oncology, 2016, 27, vi373.	1.2	0
107	Authors' Reply. Journal of Molecular Diagnostics, 2018, 20, 266.	2.8	0
108	BCL2 Negative Follicular Lymphoma with BCL6 Gene Rearrangement Show Mutations of STAT6 DNA Binding Domain. Blood, 2012, 120, 1559-1559.	1.4	0

#	Article	IF	CITATIONS
109	Abstract 4810: Exome sequencing of refractory diffuse large B-cell lymphomas highlights candidate genes for targeted resequencing. , 2015, , .		O
110	Integrative Analysis of Diffuse Large B Cell Lymphoma Mutational Landscape: A Lysa Study. Blood, 2015, 126, 1472-1472.	1.4	O
111	Classification of diffuse large b-cell lymphoma (DLBCL) FFPE samples of the GELA LNH2003 program, using Lymph2Cx assay on the nCounter analysis system Journal of Clinical Oncology, 2016, 34, 7547-7547.	1.6	0
112	A multidisciplinary team dedicated to the management of patients treated with PD1 inhibitors: The Cochin hospital experience Journal of Clinical Oncology, 2016, 34, e18208-e18208.	1.6	0
113	Biological and Clinical Relevance of Associated Genomic Alterations in MYD88 L265P and Non-L265P Mutated Diffuse Large B-Cell Lymphoma: Analysis of 361 Cases. Blood, 2016, 128, 4097-4097.	1.4	O
114	Integrated Analysis of IGHV Gene Status, Cell-of-Origin Signature and Genomic Features in Diffuse Large B-Cell Lymphoma. Blood, 2016, 128, 4118-4118.	1.4	0