Jacques J M Van Dongen

List of Publications by Year
in descending order

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128 papers	10,100 citations	36303 51 h-index	37204 96 g-index
141 all docs	141 docs citations	141 times ranked	9682 citing authors

#	Article	IF	Citations
1	High-Sensitive TRBC1-Based Flow Cytometric Assessment of T-Cell Clonality in TÎ±Î²-Large Granular Lymphocytic Leukemia. Cancers, 2022, 14, 408.	3.7	10
2	Age and Primary Vaccination Background Influence the Plasma Cell Response to Pertussis Booster Vaccination. Vaccines, 2022, 10, 136.	4.4	11
3	Impact of Pre-Analytical and Analytical Variables Associated with Sample Preparation on Flow Cytometric Stainings Obtained with EuroFlow Panels. Cancers, 2022, 14, 473.	3.7	3
4	Immunophenotypic Analysis of Acute Megakaryoblastic Leukemia: A EuroFlow Study. Cancers, 2022, 14, 1583.	3.7	11
5	Prolonged activation of nasal immune cell populations and development of tissue-resident SARS-CoV-2-specific CD8+ T cell responses following COVID-19. Nature Immunology, 2022, 23, 23-32.	14.5	74
6	pmTR database: population matched (pm) germline allelic variants of T-cell receptor (TR) loci. Genes and Immunity, 2022, 23, 99-110.	4.1	2
7	Quality Assessment of a Large Multi-Center Flow Cytometric Dataset of Acute Myeloid Leukemia Patientsâ€"A EuroFlow Study. Cancers, 2022, 14, 2011.	3.7	3
8	Standardised immunophenotypic analysis of myeloperoxidase in acute leukaemia. British Journal of Haematology, 2021, 193, 922-927.	2.5	6
9	Automated identification of leukocyte subsets improves standardization of database-guided expert-supervised diagnostic orientation in acute leukemia: a EuroFlow study. Modern Pathology, 2021, 34, 59-69.	5.5	15
10	Detailed immune monitoring of a pregnant woman with critical Covid-19. Journal of Reproductive Immunology, 2021, 143, 103243.	1.9	3
11	Monocyte Subsets and Serum Inflammatory and Bone-Associated Markers in Monoclonal Gammopathy of Undetermined Significance and Multiple Myeloma. Cancers, 2021, 13, 1454.	3.7	10
12	B-Cell Regeneration Profile and Minimal Residual Disease Status in Bone Marrow of Treated Multiple Myeloma Patients. Cancers, 2021, 13, 1704.	3.7	6
13	Highly Sensitive Flow Cytometry Allows Monitoring of Changes in Circulating Immune Cells in Blood After Tdap Booster Vaccination. Frontiers in Immunology, 2021, 12, 666953.	4.8	17
14	Population matched (pm) germline allelic variants of immunoglobulin (IG) loci: Relevance in infectious diseases and vaccination studies in human populations. Genes and Immunity, 2021, 22, 172-186.	4.1	14
15	Improved SÃ©zary cell detection and novel insights into immunophenotypic and molecular heterogeneity in SÃ©zary syndrome. Blood, 2021, 138, 2539-2554.	1.4	28
16	Consistent B Cell Receptor Immunoglobulin Features Between Siblings in Familial Chronic Lymphocytic Leukemia. Frontiers in Oncology, 2021, 11, 740083.	2.8	5
17	Anti-TRBC1 Antibody-Based Flow Cytometric Detection of T-Cell Clonality: Standardization of Sample Preparation and Diagnostic Implementation. Cancers, 2021, 13, 4379.	3.7	17
18	Flow Cytometry Immunophenotyping for Diagnostic Orientation and Classification of Pediatric Cancer Based on the EuroFlow Solid Tumor Orientation Tube (STOT). Cancers, 2021, 13, 4945.	3.7	5

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19	B-Cell Immunophenotyping to Predict Vaccination Outcome in the Immunocompromised - A Systematic Review. Frontiers in Immunology, 2021, 12, 690328.	4.8	12
20	Monocytes carrying GFAP detect glioma, brain metastasis and ischaemic stroke, and predict glioblastoma survival. Brain Communications, 2021, 3, fcaa215.	3.3	11
21	Expert-independent classification of mature B-cell neoplasms using standardized flow cytometry: a multicentric study. Blood Advances, 2021, , .	5.2	9
22	Longitudinal Dynamics of Human B-Cell Response at the Single-Cell Level in Response to Tdap Vaccination. Vaccines, 2021, 9, 1352.	4.4	2
23	Reply to the Commentary on population matched (pm) germline allelic variants of immunoglobulin (IG) loci: relevance in infectious diseases and vaccination studies in human populations. Genes and Immunity, 2021, 22, 339-342.	4.1	0
24	Measurable Residual Disease by Next-Generation Flow Cytometry in Multiple Myeloma. Journal of Clinical Oncology, 2020, 38, 784-792.	1.6	175
25	Blocking of the High-Affinity Interaction-Synapse Between SARS-CoV-2 Spike and Human ACE2 Proteins Likely Requires Multiple High-Affinity Antibodies: An Immune Perspective. Frontiers in Immunology, 2020, 11, 570018.	4.8	43
26	Improved Standardization of Flow Cytometry Diagnostic Screening of Primary Immunodeficiency by Software-Based Automated Gating. Frontiers in Immunology, 2020, 11, 584646.	4.8	11
27	Highly Sensitive Flow Cytometric Detection of Residual B-Cells After Rituximab in Anti-Neutrophil Cytoplasmic Antibodies-Associated Vasculitis Patients. Frontiers in Immunology, 2020, 11, 566732.	4.8	13
28	Age Distribution of Multiple Functionally Relevant Subsets of CD4+ T Cells in Human Blood Using a Standardized and Validated 14-Color EuroFlow Immune Monitoring Tube. Frontiers in Immunology, 2020, 11, 166.	4.8	39
29	From big flow cytometry datasets to smart diagnostic strategies: The EuroFlow approach. Journal of Immunological Methods, 2019, 475, 112631.	1.4	42
30	Standardized next-generation sequencing of immunoglobulin and T-cell receptor gene recombinations for MRD marker identification in acute lymphoblastic leukaemia; a EuroClonality-NGS validation study. Leukemia, 2019, 33, 2241-2253.	7.2	177
31	Complete Multilineage CD4 Expression Defect Associated With Warts Due to an Inherited Homozygous CD4 Gene Mutation. Frontiers in Immunology, 2019, 10, 2502.	4.8	15
32	Comments on EuroFlow standard operating procedures for instrument setup and compensation for BD FACS Canto II, Navios and BD FACS Lyric instruments. Journal of Immunological Methods, 2019, 475, 112680.	1.4	24
33	Quantification of T-Cell and B-Cell Replication History in Aging, Immunodeficiency, and Newborn Screening. Frontiers in Immunology, 2019, 10, 2084.	4.8	15
34	EuroFlow Lymphoid Screening Tube (LST) data base for automated identification of blood lymphocyte subsets. Journal of Immunological Methods, 2019, 475, 112662.	1.4	35
35	The Cellular Immune Response to Rabies Vaccination: A Systematic Review. Vaccines, 2019, 7, 110.	4.4	25
36	Quality control and quantification in IG/TR next-generation sequencing marker identification: protocols and bioinformatic functionalities by EuroClonality-NGS. Leukemia, 2019, 33, 2254-2265.	7.2	70

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37	Impact of blood storage and sample handling on quality of high dimensional flow cytometric data in multicenter clinical research. Journal of Immunological Methods, 2019, 475, 112616.	1.4	67
38	EuroFlow-Based Flowcytometric Diagnostic Screening and Classification of Primary Immunodeficiencies of the Lymphoid System. Frontiers in Immunology, 2019, 10, 1271.	4.8	43
39	MRD Detection in B-Cell Non-Hodgkin Lymphomas Using Ig Gene Rearrangements and Chromosomal Translocations as Targets for Real-Time Quantitative PCR. Methods in Molecular Biology, 2019, 1956, 199-228.	0.9	22
40	Blood monitoring of circulating tumor plasma cells by next generation flow in multiple myeloma after therapy. Blood, 2019, 134, 2218-2222.	1.4	66
41	EuroFlow and its activities: Introduction to the special EuroFlow issue of The Journal of Immunological Methods. Journal of Immunological Methods, 2019, 475, 112704.	1.4	2
42	Delineating Human B Cell Precursor Development With Genetically Identified PID Cases as a Model. Frontiers in Immunology, 2019, 10, 2680.	4.8	14
43	CD123 expression levels in 846 acute leukemia patients based on standardized immunophenotyping. Cytometry Part B - Clinical Cytometry, 2019, 96, 134-142.	1.5	82
44	Prognostic value of MRD in CLL patients with comorbidities receiving chlorambucil plus obinutuzumab or rituximab. Blood, 2019, 133, 494-497.	1.4	32
45	PERISCOPE: road towards effective control of pertussis. Lancet Infectious Diseases, The, 2019, 19, e179-e186.	9.1	67
46	Frequent issues and lessons learned from EuroFlow QA. Journal of Immunological Methods, 2019, 475, 112520.	1.4	26
47	How to make usage of the standardized EuroFlow 8-color protocols possible for instruments of different manufacturers. Journal of Immunological Methods, 2019, 475, 112388.	1.4	23
48	Optimization and testing of dried antibody tube: The EuroFlow LST and PIDOT tubes as examples. Journal of Immunological Methods, 2019, 475, 112287.	1.4	29
49	Lot-to-lot stability of antibody reagents for flow cytometry. Journal of Immunological Methods, 2019, 475, 112294.	1.4	20
50	The EuroFlow PID Orientation Tube for Flow Cytometric Diagnostic Screening of Primary Immunodeficiencies of the Lymphoid System. Frontiers in Immunology, 2019, 10, 246.	4.8	100
51	Age-associated distribution of normal B-cell and plasma cell subsets in peripheral blood. Journal of Allergy and Clinical Immunology, 2018, 141, 2208-2219.e16.	2.9	217
52	A model for predicting effect of treatment on progression-free survival using MRD as a surrogate end point in CLL. Blood, 2018, 131, 955-962.	1.4	61
53	Basophil-lineage commitment in acute promyelocytic leukemia predicts for severe bleeding after starting therapy. Modern Pathology, 2018, 31, 1318-1331.	5.5	9
54	<scp>CD</scp>38 expression in paediatric leukaemia and lymphoma: implications for antibody targeted therapy. British Journal of Haematology, 2018, 180, 292-296.	2.5	18

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55	Flow cytometric assessment of leukocyte kinetics for the monitoring of tissue damage. Clinical Immunology, 2018, 197, 224-230.	3.2	11
56	Residual normal B-cell profiles in monoclonal B-cell lymphocytosis versus chronic lymphocytic leukemia. Leukemia, 2018, 32, 2701-2705.	7.2	19
57	Understanding the reconstitution of the Bâ€cell compartment in bone marrow and blood after treatment for Bâ€cell precursor acute lymphoblastic leukaemia. British Journal of Haematology, 2017, 178, 267-278.	2.5	8
58	Standardized flow cytometry for highly sensitive MRD measurements in B-cell acute lymphoblastic leukemia. Blood, 2017, 129, 347-357.	1.4	323
59	Immunophenotype of normal vs. myeloma plasma cells: Toward antibody panel specifications for <scp>MRD</scp> detection in multiple myeloma. Cytometry Part B - Clinical Cytometry, 2016, 90, 61-72.	1.5	177
60	Expression profile of novel cell surface molecules on different subsets of human peripheral blood antigen-presenting cells. Clinical and Translational Immunology, 2016, 5, e100.	3.8	19
61	Identification of checkpoints in human T-cell development using severe combined immunodeficiency stem cells. Journal of Allergy and Clinical Immunology, 2016, 137, 517-526.e3.	2.9	26
62	Consensus guidelines for myeloma minimal residual disease sample staining and data acquisition. Cytometry Part B - Clinical Cytometry, 2016, 90, 26-30.	1.5	108
63	Quality assessment program for <scp>E</scp>uro<scp>F</scp>low protocols: Summary results of fourâ€year (2010â€“2013) quality assurance rounds. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 145-156.	1.5	144
64	Circulating Human CD27â^'IgA+ Memory B Cells Recognize Bacteria with Polyreactive Igs. Journal of Immunology, 2015, 195, 1417-1426.	0.8	99
65	Overview of clinical flow cytometry data analysis: recent advances and future challenges. Trends in Biotechnology, 2013, 31, 415-425.	9.3	119
66	The peripheral blood compartment in patient with Gravesâ€™ disease: activated T lymphocytes and increased transitional and pre-naive mature B lymphocytes. Clinical and Experimental Immunology, 2013, 174, n/a-n/a.	2.6	20
67	Multiple clonal Ig/TCR products: implications for interpretation of clonality findings. Journal of Hematopathology, 2012, 5, 35-43.	0.4	33
68	Unique morphological spectrum of lymphomas in Nijmegen breakage syndrome (NBS) patients with high frequency of consecutive lymphoma formation. Journal of Pathology, 2008, 216, 337-344.	4.5	44
69	Generation of flow cytometry data files with a potentially infinite number of dimensions. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 834-846.	1.5	81
70	A probabilistic approach for the evaluation of minimal residual disease by multiparameter flow cytometry in leukemic Bâ€cell chronic lymphoproliferative disorders. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 1141-1150.	1.5	60
71	A NOTCH1-Independant Pathway of c-Myc Oncogenesis in TAL1+ Human T-ALL.. Blood, 2007, 110, 4162-4162.	1.4	0
72	Human thymus contains multipotent progenitors with T/B lymphoid, myeloid, and erythroid lineage potential. Blood, 2006, 107, 3131-3137.	1.4	94

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73	Immunoglobulin and T-cell receptor gene rearrangements. , 2006, , 210-234.		2
74	Wnt signaling in the thymus is regulated by differential expression of intracellular signaling molecules. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3322-3326.	7.1	105
75	Minimal residual disease. , 2006, , 679-706.		1
76	New insights on human T cell development by quantitative T cell receptor gene rearrangement studies and gene expression profiling. Journal of Experimental Medicine, 2005, 201, 1715-1723.	8.5	318
77	Age-related changes in the cellular composition of the thymus in children. Journal of Allergy and Clinical Immunology, 2005, 115, 834-840.	2.9	71
78	Immunophenotypic differentiation patterns of normal hematopoiesis in human bone marrow: Reference patterns for age-related changes and disease-induced shifts. Cytometry, 2004, 60B, 1-13.	1.8	266
79	Fusion gene transcripts and Ig/TCR gene rearrangements are complementary but infrequent targets for PCR-based detection of minimal residual disease in acute myeloid leukemia. Leukemia, 2002, 16, 368-375.	7.2	58
80	A single split-signal FISH probe set allows detection of TAL1translocations as well as SIL-TAL1 fusion genes in a single test. Leukemia, 2002, 16, 755-761.	7.2	10
81	Immunoglobulin kappa deleting element rearrangements in precursor-B acute lymphoblastic leukemia are stable targets for detection of minimal residual disease by real-time quantitative PCR. Leukemia, 2002, 16, 928-936.	7.2	120
82	Biased IgÎ» expression in hypermutated IgD multiple myelomas does not result from receptor revision. Leukemia, 2002, 16, 1358-1361.	7.2	12
83	T cell receptor gamma gene rearrangements as targets for detection of minimal residual disease in acute lymphoblastic leukemia by real-time quantitative PCR analysis. Leukemia, 2002, 16, 1372-1380.	7.2	107
84	Detection of clonal EBV episomes in lymphoproliferations as a diagnostic tool. Leukemia, 2002, 16, 1572-1573.	7.2	11
85	Immunoglobulin light chain gene rearrangements display hierarchy in absence of selection for functionality in precursor-B-ALL. Leukemia, 2002, 16, 1448-1453.	7.2	22
86	Minimal residual disease levels in bone marrow and peripheral blood are comparable in children with T cell acute lymphoblastic leukemia (ALL), but not in precursor-B-ALL. Leukemia, 2002, 16, 1432-1436.	7.2	129
87	Molecular and flow cytometric analysis of the VÎ²2 repertoire for clonality assessment in mature TCRÎ±Î²2 T-cell proliferations. Blood, 2001, 98, 165-173.	1.4	230
88	Low frequency of reverse transcription polymerase chain reaction-detectable chromosome aberrations in relapsed acute myeloid leukaemia: implications for detection of minimal residual disease. British Journal of Haematology, 2001, 113, 1076-1089.	2.5	5
89	Molecular discrimination between relapsed and secondary acute lymphoblastic leukemia: Proposal for an easy strategy. Medical and Pediatric Oncology, 2001, 36, 352-358.	1.0	32
90	Immunoglobulin lambda isotype gene rearrangements in B cell malignancies. Leukemia, 2001, 15, 121-127.	7.2	20

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91	BIOMED-1 concerted action report: flow cytometric immunophenotyping of precursor B-ALL with standardized triple-stainings. Leukemia, 2001, 15, 1185-1192.	7.2	128
92	The presence of somatic mutations in immunoglobulin genes of B cell acute lymphoblastic leukemia (ALL-L3) supports assignment as Burkitt's leukemiaâ€“lymphoma rather than B-lineage ALL. Leukemia, 2001, 15, 1141-1143.	7.2	14
93	Real-time quantitative PCR for detection of minimal residual disease before allogeneic stem cell transplantation predicts outcome in children with acute lymphoblastic leukemia. Leukemia, 2001, 15, 1485-1487.	7.2	91
94	Precursor-B-ALL with DHâ€“JH gene rearrangements have an immature immunogenotype with a high frequency of oligoclonality and hyperdiploidy of chromosome 14. Leukemia, 2001, 15, 1415-1423.	7.2	86
95	Flow cytometric analysis of the V? repertoire in healthy controls. Cytometry, 2000, 40, 336-345.	1.8	174
96	Regenerating normal B-cell precursors during and after treatment of acute lymphoblastic leukaemia: implications for monitoring of minimal residual disease. British Journal of Haematology, 2000, 110, 139-146.	2.5	95
97	Increased cell division but not thymic dysfunction rapidly affects the T-cell receptor excision circle content of the naive T cell population in HIV-1 infection. Nature Medicine, 2000, 6, 1036-1042.	30.7	384
98	BIOMED-1 Concerted Action report: Flow cytometric characterization of CD7+ cell subsets in normal bone marrow as a basis for the diagnosis and follow-up of T cell acute lymphoblastic leukemia (T-ALL). Leukemia, 2000, 14, 816-825.	7.2	104
99	Regeneration pattern of precursor-B-cells in bone marrow of acute lymphoblastic leukemia patients depends on the type of preceding chemotherapy. Leukemia, 2000, 14, 688-695.	7.2	73
100	T cell receptor gamma (TCRG) gene rearrangements in T cell acute lymphoblastic leukemia reflect â€˜end-stageâ€™ recombinations: implications for minimal residual disease monitoring. Leukemia, 2000, 14, 1208-1214.	7.2	52
101	Longitudinal Survey of Lymphocyte Subpopulations in the First Year of Life. Pediatric Research, 2000, 47, 528-537.	2.3	103
102	Ig Heavy Chain Gene Rearrangements in T-Cell Acute Lymphoblastic Leukemia Exhibit Predominant Dh6-19 and Dh7-27 Gene Usage, Can Result in Complete V-D-J Rearrangements, and Are Rare in T-Cell Receptor îœ€Î² Lineage. Blood, 1999, 93, 4079-4085.	1.4	124
103	Primers and protocols for standardized detection of minimal residual disease in acute lymphoblastic leukemia using immunoglobulin and T cell receptor gene rearrangements and TAL1 deletions as PCR targets Report of the BIOMED-1 CONCERTED ACTION: Investigation of minimal residual disease in acute leukemia. Leukemia, 1999, 13, 110-118.	7.2	328
104	Immunophenotypic and immunogenotypic characteristics of TCRÎ³Î´+ T cell acute lymphoblastic leukemia. Leukemia, 1999, 13, 206-214.	7.2	53
105	Flow cytometric analysis of normal B cell differentiation: a frame of reference for the detection of minimal residual disease in precursor-B-ALL. Leukemia, 1999, 13, 419-427.	7.2	205
106	Detection of T cell receptor beta (TCRB) gene rearrangement patterns in T cell malignancies by Southern blot analysis. Leukemia, 1999, 13, 965-974.	7.2	56
107	Easy detection of all T cell receptor gamma (TCRG) gene rearrangements by Southern blot analysis: recommendations for optimal results. Leukemia, 1999, 13, 1620-1626.	7.2	29
108	Standardized RT-PCR analysis of fusion gene transcripts from chromosome aberrations in acute leukemia for detection of minimal residual disease. Leukemia, 1999, 13, 1901-1928.	7.2	1,038

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109	Rapid and sensitive detection of all types of MLL gene translocations with a single FISH probe set. Leukemia, 1999, 13, 2107-2113.	7.2	52
110	Induction of clinical remission in T-large granular lymphocyte leukemia with cyclosporin A, monitored by use of immunophenotyping with Vî² antibodies. Leukemia, 1998, 12, 150-154.	7.2	29
111	Immunoglobulin and T cell receptor gene rearrangement patterns in acute lymphoblastic leukemia are less mature in adults than in children: implications for selection of PCR targets for detection of minimal residual disease. Leukemia, 1998, 12, 1081-1088.	7.2	89
112	Real-time quantitative PCR for the detection of minimal residual disease in acute lymphoblastic leukemia using junctional region specific TaqMan probes. Leukemia, 1998, 12, 2006-2014.	7.2	306
113	Early stages in the development of human T, natural killer and thymic dendritic cells. Immunological Reviews, 1998, 165, 75-86.	6.0	168
114	Intensified therapy for infants with acute lymphoblastic leukemia. Cancer, 1998, 83, 1055-1057.	4.1	3
115	Lymphoma with multi-gene rearrangement on the level of immunoglobulin heavy chain, light chain, and T-cell receptor Î² chain. , 1998, 59, 99-100.		11
116	Immunophenotyping of blood lymphocytes in childhoodReference values for lymphocyte subpopulations. Journal of Pediatrics, 1997, 130, 388-393.	1.8	661
117	Cranial irradiation is the major cause of learning problems in children treated for leukemia and lymphoma: a comparative study. Leukemia, 1997, 11, 1197-1200.	7.2	47
118	Flow cytometric detection of intracellular antigens for immunophenotyping of normal and malignant leukocytes: testing of a new fixation-permeabilization solution. Leukemia, 1997, 11, 2208-2210.	7.2	14
119	Four aged siblings with B cell chronic lymphocytic leukemia. Leukemia, 1997, 11, 2060-2065.	7.2	21
120	Heteroduplex PCR analysis of rearranged T cell receptor genes for clonality assessment in suspect T cell proliferations. Leukemia, 1997, 11, 2192-2199.	7.2	196
121	Heterogeneity in junctional regions of immunoglobulin kappa deleting element rearrangements in B cell leukemias: a new molecular target for detection of minimal residual disease. Leukemia, 1997, 11, 2200-2207.	7.2	81
122	The scid mouse environment causes immunophenotypic changes in human immature T-cell lines. International Journal of Cancer, 1994, 56, 546-551.	5.1	8
123	The Bruton's tyrosine kinase gene is expressed throughout B cell differentiation, from early precursor B cell stages preceding immunoglobulin gene rearrangement up to mature B cell stages. European Journal of Immunology, 1993, 23, 3109-3114.	2.9	199
124	Antigen Receptors on T and B Lymphocytes: Parallels in Organization and Function. Immunological Reviews, 1993, 132, 49-84.	6.0	48
125	Abnormal Signal Transduction in a Patient with Severe Combined Immunodeficiency Disease. Pediatric Research, 1991, 29, 306-309.	2.3	10
126	Non-random expression of T cell receptor Î³ and Î´ variable gene segments in functional T lymphocyte clones from human peripheral blood. European Journal of Immunology, 1989, 19, 1559-1568.	2.9	91

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127	Two types of gamma T cell receptors expressed by T cell acute lymphoblastic leukemias. European Journal of Immunology, 1987, 17, 1719-1728.	2.9	39
128	Flow cytometric analysis of the VÎ²2 repertoire in healthy controls. , 0, .		1