Alberto Orfao

List of Publications by Year in descending order

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238 papers

16,895 citations

62 h-index

18465

120 g-index

244 all docs 244 docs citations

times ranked

244

16236 citing authors

#	Article	IF	CITATIONS
1	Flow cytometric analysis of myelodysplasia: Preâ€analytical and technical issuesâ€"Recommendations from the European <scp>LeukemiaNet</scp> . Cytometry Part B - Clinical Cytometry, 2023, 104, 15-26.	0.7	16
2	Clinical application of flow cytometry in patients with unexplained cytopenia and suspected myelodysplastic syndrome: A report of the European ⟨scp⟩LeukemiaNet⟨/scp⟩ International ⟨scp⟩MDSâ€Flow⟨/scp⟩ Cytometry Working Group. Cytometry Part B - Clinical Cytometry, 2023, 104, 77-86.	0.7	18
3	Frequency and prognostic impact of blood-circulating tumor mast cells in mastocytosis. Blood, 2022, 139, 572-583.	0.6	8
4	Interlaboratory Analytical Validation of a Next-Generation Sequencing Strategy for Clonotypic Assessment and Minimal Residual Disease Monitoring in Multiple Myeloma. Archives of Pathology and Laboratory Medicine, 2022, 146, 862-871.	1.2	7
5	High-Sensitive TRBC1-Based Flow Cytometric Assessment of T-Cell Clonality in Tαβ-Large Granular Lymphocytic Leukemia. Cancers, 2022, 14, 408.	1.7	10
6	Deciphering Biomarkers for Leptomeningeal Metastasis in Malignant Hemopathies (Lymphoma/Leukemia) Patients by Comprehensive Multipronged Proteomics Characterization of Cerebrospinal Fluid. Cancers, 2022, 14, 449.	1.7	4
7	Age and Primary Vaccination Background Influence the Plasma Cell Response to Pertussis Booster Vaccination. Vaccines, 2022, 10, 136.	2.1	11
8	Impact of Pre-Analytical and Analytical Variables Associated with Sample Preparation on Flow Cytometric Stainings Obtained with EuroFlow Panels. Cancers, 2022, 14, 473.	1.7	3
9	Immunophenotypic Analysis of Acute Megakaryoblastic Leukemia: A EuroFlow Study. Cancers, 2022, 14, 1583.	1.7	11
10	Mastocytosis presenting with mast cellâ€mediator releaseâ€associated symptoms elicited by cyclo oxygenase inhibitors: prevalence, clinical, and laboratory features. Clinical and Translational Allergy, 2022, 12, e12132.	1.4	11
11	Standards of Genetic Testing in the Diagnosis and Prognostication of Systemic Mastocytosis in 2022: Recommendations of the EU-US Cooperative Group. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 1953-1963.	2.0	20
12	Personalized Management Strategies in Mast Cell Disorders: ECNM-AIM User's Guide for Daily Clinical Practice. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 1999-2012.e6.	2.0	35
13	Flow cytometric minimal residual disease assessment in Bâ€cell precursor acute lymphoblastic leukaemia patients treated with CD19â€targeted therapies â€" a EuroFlow study. British Journal of Haematology, 2022, 197, 76-81.	1.2	8
14	Clinical impact and proposed application of molecular markers, genetic variants, and cytogenetic analysis in mast cell neoplasms: Status 2022. Journal of Allergy and Clinical Immunology, 2022, 149, 1855-1865.	1.5	19
15	Quality Assessment of a Large Multi-Center Flow Cytometric Dataset of Acute Myeloid Leukemia Patients—A EuroFlow Study. Cancers, 2022, 14, 2011.	1.7	3
16	Comprehensive Analysis of Acquired Genetic Variants and Their Prognostic Impact in Systemic Mastocytosis. Cancers, 2022, 14, 2487.	1.7	4
17	Altered innate immune profile in blood of systemic mastocytosis patients. Clinical and Translational Allergy, 2022, 12, .	1.4	4
18	Bone Marrow Stromal Cell Regeneration Profile in Treated B-Cell Precursor Acute Lymphoblastic Leukemia Patients: Association with MRD Status and Patient Outcome. Cancers, 2022, 14, 3088.	1.7	3

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19	Circulating Tumor Cells for the Staging of Patients With Newly Diagnosed Transplant-Eligible Multiple Myeloma. Journal of Clinical Oncology, 2022, 40, 3151-3161.	0.8	40
20	Genomic profiling of sporadic liver metastatic colorectal cancer. Seminars in Cancer Biology, 2021, 71, 98-108.	4.3	8
21	Chemotherapy or allogeneic transplantation in high-risk Philadelphia chromosome–negative adult lymphoblastic leukemia. Blood, 2021, 137, 1879-1894.	0.6	48
22	Standardised immunophenotypic analysis of myeloperoxidase in acute leukaemia. British Journal of Haematology, 2021, 193, 922-927.	1.2	6
23	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.	2.9	15
24	Tumor cell and immune cell profiles in primary human glioblastoma: Impact on patient outcome. Brain Pathology, 2021, 31, 365-380.	2.1	27
25	Genome-wide association study identifies novel susceptibility loci for KIT D816V positive mastocytosis. American Journal of Human Genetics, 2021, 108, 284-294.	2.6	12
26	Impact of measurable residual disease by decentralized flow cytometry: a PETHEMA real-world study in 1076 patients with acute myeloid leukemia. Leukemia, 2021, 35, 2358-2370.	3.3	31
27	Precision Medicine in Hematology 2021: Definitions, Tools, Perspectives, and Open Questions. HemaSphere, 2021, 5, e536.	1.2	11
28	Minimal residual disease negativity by next-generation flow cytometry is associated with improved organ response in AL amyloidosis. Blood Cancer Journal, 2021, 11, 34.	2.8	39
29	Monocyte Subsets and Serum Inflammatory and Bone-Associated Markers in Monoclonal Gammopathy of Undetermined Significance and Multiple Myeloma. Cancers, 2021, 13, 1454.	1.7	10
30	Dynamic Intracellular Metabolic Cell Signaling Profiles During Ag-Dependent B-Cell Differentiation. Frontiers in Immunology, 2021, 12, 637832.	2.2	4
31	Proposed global prognostic score for systemic mastocytosis: a retrospective prognostic modelling study. Lancet Haematology,the, 2021, 8, e194-e204.	2.2	39
32	B-Cell Regeneration Profile and Minimal Residual Disease Status in Bone Marrow of Treated Multiple Myeloma Patients. Cancers, 2021, 13, 1704.	1.7	6
33	COVID-19 infection in patients with mast cell disorders including mastocytosis does not impact mast cell activation symptoms. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 2083-2086.	2.0	16
34	Tracking the Antibody Immunome in Sporadic Colorectal Cancer by Using Antigen Self-Assembled Protein Arrays. Cancers, 2021, 13, 2718.	1.7	9
35	GlcNAc is a mast-cell chromatin-remodeling oncometabolite that promotes systemic mastocytosis aggressiveness. Blood, 2021, 138, 1590-1602.	0.6	4
36	Analysis of minimal residual disease in bone marrow by NGF and in peripheral blood by mass spectrometry in newly diagnosed multiple myeloma patients enrolled in the GEM2012MENOS65 clinical trial Journal of Clinical Oncology, 2021, 39, 8010-8010.	0.8	6

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37	Strategy to prevent epitope masking in CAR.CD19+ B-cell leukemia blasts. , 2021, 9, e001514.		10
38	Highly Sensitive Flow Cytometry Allows Monitoring of Changes in Circulating Immune Cells in Blood After Tdap Booster Vaccination. Frontiers in Immunology, 2021, 12, 666953.	2.2	17
39	Selecting the Right Criteria and Proper Classification to Diagnose Mast Cell Activation Syndromes: A Critical Review. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 3918-3928.	2.0	33
40	Improved Sézary cell detection and novel insights into immunophenotypic and molecular heterogeneity in Sézary syndrome. Blood, 2021, 138, 2539-2554.	0.6	28
41	Minimal Residual Disease in Myeloma: Application for Clinical Care and New Drug Registration. Clinical Cancer Research, 2021, 27, 5195-5212.	3.2	26
42	Clinicobiological Characteristics and Outcomes of Patients with T-Cell Large Granular Lymphocytic Leukemia and Chronic Lymphoproliferative Disorder of Natural Killer Cells from a Single Institution. Cancers, 2021, 13, 3900.	1.7	12
43	Outcomes and prognostic factors of adults with refractory or relapsed Tâ€cell acute lymphoblastic leukemia included in measurable residual diseaseâ€oriented trials. Hematological Oncology, 2021, 39, 529-538.	0.8	3
44	Anti-TRBC1 Antibody-Based Flow Cytometric Detection of T-Cell Clonality: Standardization of Sample Preparation and Diagnostic Implementation. Cancers, 2021, 13, 4379.	1.7	17
45	Prognostic heterogeneity of adult Bâ€cell precursor acute lymphoblastic leukaemia patients with t(1;19)(q23;p13)/ TCF3â€PBX1 treated with measurable residual diseaseâ€oriented protocols. British Journal of Haematology, 2021, , .	1.2	2
46	Flow Cytometry Immunophenotyping for Diagnostic Orientation and Classification of Pediatric Cancer Based on the EuroFlow Solid Tumor Orientation Tube (STOT). Cancers, 2021, 13, 4945.	1.7	5
47	Genomic Heterogeneity of Pancreatic Ductal Adenocarcinoma and Its Clinical Impact. Cancers, 2021, 13, 4451.	1.7	15
48	Reference Values to Assess Hemodilution and Warn of Potential False-Negative Minimal Residual Disease Results in Myeloma. Cancers, 2021, 13, 4924.	1.7	11
49	Pathogenic and diagnostic relevance of KIT in primary mast cell activation disorders. Annals of Allergy, Asthma and Immunology, 2021, 127, 427-434.	0.5	5
50	Monocytes carrying GFAP detect glioma, brain metastasis and ischaemic stroke, and predict glioblastoma survival. Brain Communications, 2021, 3, fcaa215.	1.5	11
51	Updated Diagnostic Criteria and Classification of Mast Cell Disorders: A Consensus Proposal. HemaSphere, 2021, 5, e646.	1.2	128
52	Overcoming Resistance to Immunotherapy in Advanced Cutaneous Squamous Cell Carcinoma. Cancers, 2021, 13, 5134.	1.7	8
53	The Hydropathy Index of the HCDR3 Region of the B-Cell Receptor Identifies Two Subgroups of IGHV-Mutated Chronic Lymphocytic Leukemia Patients With Distinct Outcome. Frontiers in Oncology, 2021, 11, 723722.	1.3	0
54	Circulating Tumor Cells (CTCs) in Smoldering and Active Multiple Myeloma (MM): Mechanism of Egression, Clinical Significance and Therapeutic Endpoints. Blood, 2021, 138, 76-76.	0.6	7

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55	Expert-independent classification of mature B-cell neoplasms using standardized flow cytometry: a multicentric study. Blood Advances, 2021, , .	2.5	9
56	Deepening into Intracellular Signaling Landscape through Integrative Spatial Proteomics and Transcriptomics in a Lymphoma Model. Biomolecules, 2021, 11, 1776.	1.8	8
57	Genomic Data Improves Prognostic Stratification in Adult T-Cell Acute Lymphoblastic Leukemia Patients Enrolled in Measurable Residual Disease-Oriented Trials. Blood, 2021, 138, 3486-3486.	0.6	2
58	Whole-Exome Sequencing Reveals Recurrent but Heterogeneous Mutational Profiles in Sporadic WHO Grade 1 Meningiomas. Frontiers in Oncology, 2021, 11, 740782.	1.3	5
59	Transcriptional profiling of circulating tumor cells in multiple myeloma: a new model to understand disease dissemination. Leukemia, 2020, 34, 589-603.	3.3	41
60	High frequency of chronic lymphocytic leukemia-like low-count monoclonal B-cell lymphocytosis in Japanese descendants living in Brazil. Haematologica, 2020, 105, e298-e301.	1.7	7
61	Measurable Residual Disease by Next-Generation Flow Cytometry in Multiple Myeloma. Journal of Clinical Oncology, 2020, 38, 784-792.	0.8	175
62	STAT3 and STAT5B Mutations in T/NK-Cell Chronic Lymphoproliferative Disorders of Large Granular Lymphocytes (LGL): Association with Disease Features. Cancers, 2020, 12, 3508.	1.7	34
63	Comparison of next-generation sequencing (NGS) and next-generation flow (NGF) for minimal residual disease (MRD) assessment in multiple myeloma. Blood Cancer Journal, 2020, 10, 108.	2.8	60
64	Mast cells as a unique hematopoietic lineage and cell system: From Paul Ehrlich's visions to precision medicine concepts. Theranostics, 2020, 10, 10743-10768.	4.6	107
65	Improved Standardization of Flow Cytometry Diagnostic Screening of Primary Immunodeficiency by Software-Based Automated Gating. Frontiers in Immunology, 2020, 11, 584646.	2.2	11
66	Circulating tumor cells for comprehensive and multiregional non-invasive genetic characterization of multiple myeloma. Leukemia, 2020, 34, 3007-3018.	3.3	26
67	Detection of Circulating Tumor Plasma Cells in Monoclonal Gammopathies: Methods, Pathogenic Role, and Clinical Implications. Cancers, 2020, 12, 1499.	1.7	19
68	Risk and management of patients with mastocytosis and MCAS in the SARS-CoV-2 (COVID-19) pandemic: Expert opinions. Journal of Allergy and Clinical Immunology, 2020, 146, 300-306.	1.5	23
69	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.	2.2	39
70	Upgraded Standardized Minimal Residual Disease Detection by Next-Generation Sequencing in Multiple Myeloma. Journal of Molecular Diagnostics, 2020, 22, 679-684.	1.2	11
71	A pediatric regimen for adolescents and young adults with Philadelphia chromosomeâ€negative acute lymphoblastic leukemia: Results of the ALLREO8 PETHEMA trial. Cancer Medicine, 2020, 9, 2317-2329.	1.3	13
72	Heterogeneous EGFR, CDK4, MDM4, and PDGFRA Gene Expression Profiles in Primary GBM: No Association with Patient Survival. Cancers, 2020, 12, 231.	1.7	13

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73	EuroFlow Standardized Approach to Diagnostic Immunopheneotyping of Severe PID in Newborns and Young Children. Frontiers in Immunology, 2020, 11, 371.	2.2	17
74	Minimal Residual Disease Detection by Next-Generation Sequencing in Multiple Myeloma: A Comparison With Real-Time Quantitative PCR. Frontiers in Oncology, 2020, 10, 611021.	1.3	3
75	Dissection of the Pre-Germinal Center B-Cell Maturation Pathway in Common Variable Immunodeficiency Based on Standardized Flow Cytometric EuroFlow Tools. Frontiers in Immunology, 2020, 11, 603972.	2.2	13
76	Biological and clinical significance of dysplastic hematopoiesis in patients with newly diagnosed multiple myeloma. Blood, 2020, 135, 2375-2387.	0.6	24
77	Detection of circulating tumor cells in blood of pancreatic ductal adenocarcinoma patients. Cancer Drug Resistance (Alhambra, Calif), 2020, 3, 83-97.	0.9	3
78	Outcome of Adults with Relapsed T-Cell Acute Lymphoblastic Leukemia (T-ALL) Included in Minimal Residual Disease (MRD)-Oriented Trials. Blood, 2020, 136, 6-7.	0.6	0
79	Molecular profiling refines minimal residual diseaseâ€based prognostic assessment in adults with Philadelphia chromosomeâ€negative Bâ€cell precursor acute lymphoblastic leukemia. Genes Chromosomes and Cancer, 2019, 58, 815-819.	1.5	6
80	Complete Multilineage CD4 Expression Defect Associated With Warts Due to an Inherited Homozygous CD4 Gene Mutation. Frontiers in Immunology, 2019, 10, 2502.	2.2	15
81	Frequency of clonal mast cell diseases among patients presenting with anaphylaxis: A prospective study in 178 patients from 5 tertiary centers in Spain. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2924-2926.e1.	2.0	7
82	International prognostic scoring system for mastocytosis (IPSM): a retrospective cohort study. Lancet Haematology,the, 2019, 6, e638-e649.	2.2	101
83	Immunophenotypic dissection of normal hematopoiesis. Journal of Immunological Methods, 2019, 475, 112684.	0.6	38
84	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.	0.6	24
85	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
86	MARS: Mutation-Adjusted Risk Score for Advanced Systemic Mastocytosis. Journal of Clinical Oncology, 2019, 37, 2846-2856.	0.8	82
87	EuroFlow Lymphoid Screening Tube (LST) data base for automated identification of blood lymphocyte subsets. Journal of Immunological Methods, 2019, 475, 112662.	0.6	35
88	Bone Marrow Mast Cell Antibody-Targetable Cell Surface Protein Expression Profiles in Systemic Mastocytosis. International Journal of Molecular Sciences, 2019, 20, 552.	1.8	9
89	Standardized Minimal Residual Disease Detection by Next-Generation Sequencing in Multiple Myeloma. Frontiers in Oncology, 2019, 9, 449.	1.3	25
90	Fluorochrome choices for multi-color flow cytometry. Journal of Immunological Methods, 2019, 475, 112618.	0.6	43

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91	EuroFlow-Based Flowcytometric Diagnostic Screening and Classification of Primary Immunodeficiencies of the Lymphoid System. Frontiers in Immunology, 2019, 10, 1271.	2.2	43
92	Frequency and prognostic impact of KIT and other genetic variants in indolent systemic mastocytosis. Blood, 2019, 134, 456-468.	0.6	44
93	Distribution of subsets of blood monocytic cells throughout life. Journal of Allergy and Clinical Immunology, 2019, 144, 320-323.e6.	1.5	32
94	The poor prognosis of low hypodiploidy in adults with Bâ€eell precursor acute lymphoblastic leukaemia is restricted to older adults and elderly patients. British Journal of Haematology, 2019, 186, 263-268.	1.2	6
95	Maturation-associated gene expression profiles during normal human bone marrow erythropoiesis. Cell Death Discovery, 2019, 5, 69.	2.0	29
96	Defects in memory B-cell and plasma cell subsets expressing different immunoglobulin-subclasses in patients with CVID and immunoglobulin subclass deficiencies. Journal of Allergy and Clinical Immunology, 2019, 144, 809-824.	1.5	55
97	Proposed Diagnostic Algorithm for Patients with Suspected Mast Cell Activation Syndrome. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 1125-1133.e1.	2.0	150
98	Blood monitoring of circulating tumor plasma cells by next generation flow in multiple myeloma after therapy. Blood, 2019, 134, 2218-2222.	0.6	66
99	EuroFlow and its activities: Introduction to the special EuroFlow issue of The Journal of Immunological Methods. Journal of Immunological Methods, 2019, 475, 112704.	0.6	2
100	Delineating Human B Cell Precursor Development With Genetically Identified PID Cases as a Model. Frontiers in Immunology, 2019, 10, 2680.	2.2	14
101	Flow cytometry for fast screening and automated risk assessment in systemic light-chain amyloidosis. Leukemia, 2019, 33, 1256-1267.	3.3	20
102	PERISCOPE: road towards effective control of pertussis. Lancet Infectious Diseases, The, 2019, 19, e179-e186.	4.6	67
103	Frequent issues and lessons learned from EuroFlow QA. Journal of Immunological Methods, 2019, 475, 112520.	0.6	26
104	Selection and validation of antibody clones against IgG and IgA subclasses in switched memory B-cells and plasma cells. Journal of Immunological Methods, 2019, 475, 112372.	0.6	17
105	How to make usage of the standardized EuroFlow 8-color protocols possible for instruments of different manufacturers. Journal of Immunological Methods, 2019, 475, 112388.	0.6	23
106	Differential expression of CD73, CD86 and CD304 in normal vs. leukemic B-cell precursors and their utility as stable minimal residual disease markers in childhood B-cell precursor acute lymphoblastic leukemia. Journal of Immunological Methods, 2019, 475, 112429.	0.6	40
107	Optimization and testing of dried antibody tube: The EuroFlow LST and PIDOT tubes as examples. Journal of Immunological Methods, 2019, 475, 112287.	0.6	29
108	Lot-to-lot stability of antibody reagents for flow cytometry. Journal of Immunological Methods, 2019, 475, 112294.	0.6	20

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109	The EuroFlow PID Orientation Tube for Flow Cytometric Diagnostic Screening of Primary Immunodeficiencies of the Lymphoid System. Frontiers in Immunology, 2019, 10, 246.	2.2	100
110	Richter transformation driven by Epstein–Barr virus reactivation during therapyâ€related immunosuppression in chronic lymphocytic leukaemia. Journal of Pathology, 2018, 245, 61-73.	2.1	24
111	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.	1.5	217
112	Molecular detection of minimal residual disease in multiple myeloma. British Journal of Haematology, 2018, 181, 11-26.	1.2	39
113	Low-count monoclonal B-cell lymphocytosis persists after seven years of follow up and is associated with a poorer outcome. Haematologica, 2018, 103, 1198-1208.	1.7	34
114	Basophil-lineage commitment in acute promyelocytic leukemia predicts for severe bleeding after starting therapy. Modern Pathology, 2018, 31, 1318-1331.	2.9	9
115	Impact of somatic and germline mutations on the outcome of systemic mastocytosis. Blood Advances, 2018, 2, 2814-2828.	2.5	42
116	Residual normal B-cell profiles in monoclonal B-cell lymphocytosis versus chronic lymphocytic leukemia. Leukemia, 2018, 32, 2701-2705.	3.3	19
117	Prognostic stratification of adult primary glioblastoma multiforme patients based on their tumor gene amplification profiles. Oncotarget, 2018, 9, 28083-28102.	0.8	5
118	Introduction to the diagnosis and classification of monocyticâ€lineage leukemias by flow cytometry. Cytometry Part B - Clinical Cytometry, 2017, 92, 218-227.	0.7	44
119	Maturationâ€associated gene expression profiles along normal human bone marrow monopoiesis. British Journal of Haematology, 2017, 176, 464-474.	1.2	9
120	Advances in the Classification and Treatment of Mastocytosis: Current Status and Outlook toward the Future. Cancer Research, 2017, 77, 1261-1270.	0.4	210
121	Host virus and pneumococcus-specific immune responses in high-count monoclonal B-cell lymphocytosis and chronic lymphocytic leukemia: implications for disease progression. Haematologica, 2017, 102, 1238-1246.	1.7	9
122	Detailed immunophenotyping of Bâ€eell precursors in regenerating bone marrow of acute lymphoblastic leukaemia patients: implications for minimal residual disease detection. British Journal of Haematology, 2017, 178, 257-266.	1.2	37
123	Standardized flow cytometry for highly sensitive MRD measurements in B-cell acute lymphoblastic leukemia. Blood, 2017, 129, 347-357.	0.6	323
124	Guidelines for diagnosis, prevention and management of central nervous system involvement in diffuse large B-cell lymphoma patients by the Spanish Lymphoma Group (GELTAMO). Haematologica, 2017, 102, 235-245.	1.7	40
125	Immunophenotypic analysis of erythroid dysplasia in myelodysplastic syndromes. A report from the IMDSFlow working group. Haematologica, 2017, 102, 308-319.	1.7	74
126	Proposed Terminology and Classification of Pre-Malignant Neoplastic Conditions: A Consensus Proposal. EBioMedicine, 2017, 26, 17-24.	2.7	24

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127	Diagnostic screening of paroxysmal nocturnal hemoglobinuria: Prospective multicentric evaluation of the current medical indications. Cytometry Part B - Clinical Cytometry, 2017, 92, 361-370.	0.7	19
128	Prognostic impact of a novel gene expression profile classifier for the discrimination between metastatic and non-metastatic primary colorectal cancer tumors. Oncotarget, 2017, 8, 107685-107700.	0.8	9
129	Depth of Response in Multiple Myeloma: A Pooled Analysis of Three PETHEMA/GEM Clinical Trials. Journal of Clinical Oncology, 2017, 35, 2900-2910.	0.8	248
130	Impact of Next-Generation Flow (NGF) Minimal Residual Disease (MRD) Monitoring in Multiple Myeloma (MM): Results from the Pethema/GEM2012 Trial. Blood, 2017, 130, 905-905.	0.6	18
131	Imatinib in systemic mastocytosis: a phase IV clinical trial in patients lacking exon 17 <i>KIT</i> mutations and review of the literature. Oncotarget, 2017, 8, 68950-68963.	0.8	83
132	A systematic approach for peptide characterization of B-cell receptor in chronic lymphocytic leukemia cells. Oncotarget, 2017, 8, 42836-42846.	0.8	7
133	Blastic plasmacytoid dendritic cell neoplasm frequently shows occult central nervous system involvement at diagnosis and benefits from intrathecal therapy. Oncotarget, 2016, 7, 10174-10181.	0.8	65
134	The myeloma stem cell concept, revisited: from phenomenology to operational terms. Haematologica, 2016, 101, 1451-1459.	1.7	55
135	Phenotypic and genomic analysis of multiple myeloma minimal residual disease tumor cells: a new model to understand chemoresistance. Blood, 2016, 127, 1896-1906.	0.6	81
136	Minimal residual disease monitoring and immune profiling in multiple myeloma in elderly patients. Blood, 2016, 127, 3165-3174.	0.6	129
137	KIT D816V–mutated bone marrow mesenchymal stem cells in indolent systemic mastocytosis are associated with disease progression. Blood, 2016, 127, 761-768.	0.6	33
138	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.	0.7	177
139	Utility of <scp>CD</scp> 54, <scp>CD</scp> 229, and <scp>CD</scp> 319 for the identification of plasma cells in patients with clonal plasma cell diseases. Cytometry Part B - Clinical Cytometry, 2016, 90, 91-100.	0.7	47
140	Phenotypic, transcriptomic, and genomic features of clonal plasma cells in light-chain amyloidosis. Blood, 2016, 127, 3035-3039.	0.6	34
141	International Myeloma Working Group consensus criteria for response and minimal residual disease assessment in multiple myeloma. Lancet Oncology, The, 2016, 17, e328-e346.	5.1	1,866
142	Expression profile of novel cell surface molecules on different subsets of human peripheral blood antigen-presenting cells. Clinical and Translational Immunology, 2016, 5, e100.	1.7	19
143	Minimal residual disease evaluation by flow cytometry is a complementary tool to cytogenetics for treatment decisions in acute myeloid leukaemia. Leukemia Research, 2016, 40, 1-9.	0.4	29
144	Cutaneous manifestations in patients with mastocytosis: Consensus report of the European Competence Network on Mastocytosis; the American Academy of Allergy, Asthma & Dimical Immunology; and the European Academy of Allergology and Clinical Immunology. Journal of Allergy and Clinical Immunology, 2016, 137, 35-45.	1.5	289

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145	Tumor infiltrating immune cells in gliomas and meningiomas. Brain, Behavior, and Immunity, 2016, 53, 1-15.	2.0	228
146	Clinical, immunophenotypic, and molecular characteristics of well-differentiated systemic mastocytosis. Journal of Allergy and Clinical Immunology, 2016, 137, 168-178.e1.	1.5	72
147	Consensus guidelines for myeloma minimal residual disease sample staining and data acquisition. Cytometry Part B - Clinical Cytometry, 2016, 90, 26-30.	0.7	108
148	Genomic characterization of liver metastases from colorectal cancer patients. Oncotarget, 2016, 7, 72908-72922.	0.8	83
149	Altered neutrophil immunophenotypes in childhood B-cell precursor acute lymphoblastic leukemia. Oncotarget, 2016, 7, 24664-24676.	0.8	8
150	The cellular origin and malignant transformation of Waldenström macroglobulinemia. Blood, 2015, 125, 2370-2380.	0.6	80
151	Identification and characterization of the gene expression profiles for protein coding and non-coding RNAs of pancreatic ductal adenocarcinomas. Oncotarget, 2015, 6, 19070-19086.	0.8	15
152	Genetic/molecular alterations of meningiomas and the signaling pathways targeted. Oncotarget, 2015, 6, 10671-10688.	0.8	58
153	Minimal residual disease diagnostics in acute lymphoblastic leukemia: need for sensitive, fast, and standardized technologies. Blood, 2015, 125, 3996-4009.	0.6	410
154	The immunophenotype of mast cells and its utility in the diagnostic work-up of systemic mastocytosis. Journal of Leukocyte Biology, 2015, 97, 49-59.	1.5	47
155	Quality assessment program for <scp>E</scp> uro <scp>F</scp> low protocols: Summary results of fourâéyear (2010–2013) quality assurance rounds. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 145-156.	1.1	144
156	Detection of the KIT D816V mutation in peripheral blood of systemic mastocytosis: diagnostic implications. Modern Pathology, 2015, 28, 1138-1149.	2.9	88
157	High-throughgput phage-display screening in array format. Enzyme and Microbial Technology, 2015, 79-80, 34-41.	1.6	1
158	Molecular and Genomic Alterations in Glioblastoma Multiforme. American Journal of Pathology, 2015, 185, 1820-1833.	1.9	141
159	New criteria for response assessment: role of minimal residual disease in multiple myeloma. Blood, 2015, 125, 3059-3068.	0.6	256
160	Ex vivo identification and characterization of a population of CD13high CD105+ CD45â [^] mesenchymal stem cells in human bone marrow. Stem Cell Research and Therapy, 2015, 6, 169.	2.4	21
161	Integration of Proteomics and Transcriptomics Data Sets for the Analysis of a Lymphoma B-Cell Line in the Context of the Chromosome-Centric Human Proteome Project. Journal of Proteome Research, 2015, 14, 3530-3540.	1.8	16
162	Complex Measurements May Be Required to Establish the Prognostic Impact of Immunophenotypic Markers in AML. American Journal of Clinical Pathology, 2015, 144, 484-492.	0.4	13

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163	Post-Remission Treatment with Chemotherapy or Allogeneic Hematopoietic Stem Cell Transplantation (alloHSCT) of High-Risk (HR) Philadelphia Chromosome-Negative (Ph-neg) Adult Acute Lymphoblastic Leukemia (ALL) According to Minimal Residual Disease (MRD). Preliminary Results of the Pethema ALL-HR-11 Trial. Blood, 2015, 126, 1333-1333.	0.6	9
164	Next Generation Flow (NGF) for High Sensitive Detection of Minimal Residual Disease (MRD) in Multiple Myeloma (MM). Blood, 2015, 126, 367-367.	0.6	2
165	Next Generation Flow (NGF): A High Sensitive Technique to Detect Circulating Peripheral Blood (PB) Clonal Plasma Cells (cPC) in Patients with Newly Diagnosed of Plasma Cell Neoplasms (PCN). Blood, 2015, 126, 4180-4180.	0.6	4
166	Phenotypic profile of expanded NK cells in chronic lymphoproliferative disorders: a surrogate marker for NK-cell clonality. Oncotarget, 2015, 6, 42938-42951.	0.8	23
167	Survival analysis in hematologic malignancies: recommendations for clinicians. Haematologica, 2014, 99, 1410-1420.	1.7	103
168	Research update for articles published in EJCI in 2012. European Journal of Clinical Investigation, 2014, 44, 1010-1023.	1.7	1
169	B-cell prolymphocytic leukemia: a specific subgroup of mantle cell lymphoma. Blood, 2014, 124, 412-419.	0.6	48
170	Immune reconstitution in patients with Fanconi anemia after allogeneic bone marrow transplantation. Cytotherapy, 2014, 16, 976-989.	0.3	9
171	Evaluation of homo- and hetero-functionally activated glass surfaces for optimized antibody arrays. Analytical Biochemistry, 2014, 450, 37-45.	1.1	24
172	Altered Interphase Fluorescence in Situ Hybridization Profiles of Chromosomes 4, 8q24, and 9q34 in Pancreatic Ductal Adenocarcinoma Are Associated with a Poorer Patient Outcome. Journal of Molecular Diagnostics, 2014, 16, 648-659.	1.2	3
173	Human IgE+ B cells are derived from T cell–dependent and T cell–independent pathways. Journal of Allergy and Clinical Immunology, 2014, 134, 688-697.e6.	1.5	79
174	Flow Cytometry in Mastocytosis. Immunology and Allergy Clinics of North America, 2014, 34, 297-313.	0.7	14
175	Nonaggressive systemic mastocytosis (SM) without skin lesions associated with insect-induced anaphylaxis showsÂunique features versus other indolent SM. Journal of Allergy and Clinical Immunology, 2014, 133, 520-528.e5.	1.5	118
176	Detection and outcome of occult leptomeningeal disease in diffuse large B-cell lymphoma and Burkitt lymphoma. Haematologica, 2014, 99, 1228-1235.	1.7	69
177	<scp>CD</scp> 30 expression by bone marrow mast cells from different diagnostic variants of systemic mastocytosis. Histopathology, 2013, 63, 780-787.	1.6	77
178	Gene expression profile of highly purified bone marrow mast cells in systemic mastocytosis. Journal of Allergy and Clinical Immunology, 2013, 131, 1213-1224.e4.	1.5	30
179	Overview of clinical flow cytometry data analysis: recent advances and future challenges. Trends in Biotechnology, 2013, 31, 415-425.	4.9	119
180	International Working Group-Myeloproliferative Neoplasms Research and Treatment (IWG-MRT) & European Competence Network on Mastocytosis (ECNM) consensus response criteria in advanced systemic mastocytosis. Blood, 2013, 121, 2393-2401.	0.6	122

#	Article	IF	CITATIONS
181	Detailed characterization of multiple myeloma circulating tumor cells shows unique phenotypic, cytogenetic, functional, and circadian distribution profile. Blood, 2013, 122, 3591-3598.	0.6	131
182	Analysis of the immune system of multiple myeloma patients achieving long-term disease control by multidimensional flow cytometry. Haematologica, 2013, 98, 79-86.	1.7	132
183	Contribution of Multiparameter Flow Cytometry Immunophenotyping to the Diagnostic Screening and Classification of Pediatric Cancer. PLoS ONE, 2013, 8, e55534.	1.1	48
184	Biomarker Discovery by Novel Sensors Based on Nanoproteomics Approaches. Sensors, 2012, 12, 2284-2308.	2.1	59
185	Complete Response After Imatinib Mesylate Therapy in a Patient With Well-Differentiated Systemic Mastocytosis. Journal of Clinical Oncology, 2012, 30, e126-e129.	0.8	59
186	Definitions, Criteria and Global Classification of Mast Cell Disorders with Special Reference to Mast Cell Activation Syndromes: A Consensus Proposal. International Archives of Allergy and Immunology, 2012, 157, 215-225.	0.9	513
187	Immunophenotypic Identification and Characterization of Tumor Cells and Infiltrating Cell Populations in Meningiomas. American Journal of Pathology, 2012, 181, 1749-1761.	1.9	66
188	Self-assembled Protein Arrays from an Ornithodoros moubata Salivary Gland Expression Library. Journal of Proteome Research, 2012, 11, 5972-5982.	1.8	37
189	Amplified and Homozygously Deleted Genes in Glioblastoma: Impact on Gene Expression Levels. PLoS ONE, 2012, 7, e46088.	1.1	38
190	Nanotechniques in proteomics: Protein microarrays and novel detection platforms. European Journal of Pharmaceutical Sciences, 2012, 45, 499-506.	1.9	75
191	Comparison of Immunofixation, Serum Free Light Chain, and Immunophenotyping for Response Evaluation and Prognostication in Multiple Myeloma. Journal of Clinical Oncology, 2011, 29, 1627-1633.	0.8	202
192	Indolent systemic mastocytosis without skin involvement vs. isolated bone marrow mastocytosis. Haematologica, 2011, 96, e26-e26.	1.7	4
193	CD117 expression in gammopathies is associated with an altered maturation of the myeloid and lymphoid hematopoietic cell compartments and favorable disease features. Haematologica, 2011, 96, 328-332.	1.7	46
194	Cytogenetic heterogeneity of pancreatic ductal adenocarcinomas: identification of intratumoral pathways of clonal evolution. Histopathology, 2011, 58, 486-497.	1.6	7
195	Flow cytometry immunophenotyping of fine-needle aspiration specimens: utility in the diagnosis and classification of non-Hodgkin lymphomas. Histopathology, 2011, 58, 906-918.	1.6	59
196	New technologies in cancer. Protein microarrays for biomarker discovery. Clinical and Translational Oncology, 2011, 13, 156-161.	1.2	36
197	Cellâ€eycle distribution of different cell compartments in normal versus reactive bone marrow: A frame of reference for the study of dysplastic hematopoiesis. Cytometry Part B - Clinical Cytometry, 2011, 80B, 354-361.	0.7	18
198	Association between Genetic Subgroups of Pancreatic Ductal Adenocarcinoma Defined by High Density 500 K SNP-Arrays and Tumor Histopathology. PLoS ONE, 2011, 6, e22315.	1.1	16

#	Article	IF	CITATIONS
199	Circulating human B and plasma cells. Age-associated changes in counts and detailed characterization of circulating normal CD138- and CD138+ plasma cells. Haematologica, 2010, 95, 1016-1020.	1.7	210
200	Intratumoral patterns of clonal evolution in gliomas. Neurogenetics, 2010, 11, 227-239.	0.7	23
201	Gene expression profiles of human glioblastomas are associated with both tumor cytogenetics and histopathology. Neuro-Oncology, 2010, 12, 991-1003.	0.6	45
202	Mast cells from different molecular and prognostic subtypes of systemic mastocytosis display distinct immunophenotypes. Journal of Allergy and Clinical Immunology, 2010, 125, 719-726.e4.	1.5	128
203	Multiparameter flow cytometry quantification of bone marrow plasma cells at diagnosis provides more prognostic information than morphological assessment in myeloma patients. Haematologica, 2009, 94, 1599-1602.	1.7	92
204	Prognosis in adult indolent systemic mastocytosis: A long-term study of the Spanish Network on Mastocytosis in a series of 145 patients. Journal of Allergy and Clinical Immunology, 2009, 124, 514-521.	1.5	252
205	ldentification of Leptomeningeal Disease in Aggressive B-Cell Non-Hodgkin's Lymphoma: Improved Sensitivity of Flow Cytometry. Journal of Clinical Oncology, 2009, 27, 1462-1469.	0.8	189
206	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.	1.1	81
207	Prognostic Value of Immunophenotyping in Multiple Myeloma: A Study by the PETHEMA/GEM Cooperative Study Groups on Patients Uniformly Treated With High-Dose Therapy. Journal of Clinical Oncology, 2008, 26, 2737-2744.	0.8	193
208	Peripheral Blood Dendritic Cell Subsets from Patients with Monoclonal Gammopathies Show an Abnormal Distribution and Are Functionally Impaired. Oncologist, 2008, 13, 82-92.	1.9	21
209	Multiparameter flow cytometric remission is the most relevant prognostic factor for multiple myeloma patients who undergo autologous stem cell transplantation. Blood, 2008, 112, 4017-4023.	0.6	425
210	Recent advances in the understanding of mastocytosis: the role of KIT mutations. British Journal of Haematology, 2007, 138, 12-30.	1.2	205
211	KIT mutation in mast cells and other bone marrow hematopoietic cell lineages in systemic mast cell disorders: a prospective study of the Spanish Network on Mastocytosis (REMA) in a series of 113 patients. Blood, 2006, 108, 2366-2372.	0.6	447
212	Accurate apoptosis measurement requires quantification of loss of expression of surface antigens and cell fragmentation. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2006, 69A, 240-248.	1.1	5
213	Minimal residual disease monitoring in multiple myeloma: a comparison between allelic-specific oligonucleotide real-time quantitative polymerase chain reaction and flow cytometry. Haematologica, 2005, 90, 1365-72.	1.7	135
214	Immunophenotypic analysis of mast cells in mastocytosis: When and how to do it. Proposals of the Spanish Network on Mastocytosis (REMA)., 2004, 58B, 1-8.		130
215	Neoplasias of dentritic cells: are they the counterpart of one or more cell lineages? Laboratory Hematology: Official Publication of the International Society for Laboratory Hematology, 2004, 10, 171.	1.2	1
216	TCRαβ+/CD4+ Large Granular Lymphocytosis. American Journal of Pathology, 2003, 163, 763-771.	1.9	104

#	Article	IF	CITATIONS
217	Immunophenotype and TCR-V \hat{I}^2 repertoire of peripheral blood T-cells in acute infectious mononucleosis. Blood Cells, Molecules, and Diseases, 2003, 30, 1-12.	0.6	33
218	Utility of flow cytometry immunophenotyping and DNA ploidy studies for diagnosis and characterization of blood involvement in CD4+ SÃ@zary's syndrome. Haematologica, 2003, 88, 874-87.	1.7	30
219	Immunophenotypic evaluation of the plasma cell compartment in multiple myeloma: a tool for comparing the efficacy of different treatment strategies and predicting outcome. Blood, 2002, 99, 1853-1856.	0.6	140
220	Immunophenotypic Analysis of the TCR-VÎ ² Repertoire in 98 Persistent Expansions of CD3+/TCR-αÎ ² + Large Granular Lymphocytes. American Journal of Pathology, 2001, 159, 1861-1868.	1.9	113
221	Early immunophenotypical evaluation of minimal residual disease in acute myeloid leukemia identifies different patient risk groups and may contribute to postinduction treatment stratification. Blood, 2001, 98, 1746-1751.	0.6	316
222	Evaluation of a CD61 MoAb method for enumeration of platelets in thrombocytopenic patients and its impact on the transfusion decision-making process. Transfusion, 2001, 41, 1212-1216.	0.8	17
223	Gains of chromosome 22 by fluorescence in situ hybridization in the context of an hyperdiploid karyotype are associated with aggressive clinical features in meningioma patients. Cancer, 2001, 92, 377-385.	2.0	34
224	Utility of flow cytometric analysis of mast cells in the diagnosis and classification of adult mastocytosis. Leukemia Research, 2001, 25, 563-570.	0.4	124
225	Two new 3?PML Breakpoints in t(15;17)(q22;q21)-positive acute promyelocytic leukemia., 2000, 27, 35-43.		19
226	Flow cytometric detection of intracellular myeloperoxidase, CD3 and CD79a. Journal of Immunological Methods, 2000, 242, 53-65.	0.6	51
227	Two new $3\hat{a} \in {}^2$ PML Breakpoints in $t(15;17)(q22;q21)\hat{a} \in positive$ acute promyelocytic leukemia. Genes Chromosomes and Cancer, 2000, 27, 35-43.	1.5	3
228	Immunophenotype of Bone Marrow Mast Cells in Indolent Systemic Mast Cell Disease in Adults. Leukemia and Lymphoma, 1999, 35, 227-235.	0.6	42
229	Chronic Alcoholism Is Associated With an Imbalanced Production of Th-1/Th-2 Cytokines by Peripheral Blood T Cells. Alcoholism: Clinical and Experimental Research, 1999, 23, 1306-1311.	1.4	76
230	Report on the first Latin American consensus conference for flow cytometric immunophenotyping of leukemia. Cytometry, 1998, 34, 39-42.	1.8	21
231	Human bone marrow mast cells from indolent systemic mast cell disease constitutively express increased amounts of the CD63 protein on their surface., 1998, 34, 223-228.		34
232	Expression of the c-kit (CD117) Molecule in Normal and Malignant Hematopoiesis. Leukemia and Lymphoma, 1998, 30, 459-466.	0.6	113
233	Indolent Systemic Mast Cell Disease in Adults: Immunophenotypic Characterization of Bone Marrow Mast Cells and Its Diagnostic Implications. Blood, 1998, 91, 2731-2736.	0.6	232
234	Abnormalities of Peripheral Blood T Lymphocytes and Natural Killer Cells in Alcoholic Hepatitis Persist after a 3-Month Withdrawal Period. Alcoholism: Clinical and Experimental Research, 1997, 21, 672-676.	1.4	28

#	Article	IF	CITATION
235	Alterations in Tumor Necrosis Factor-alpha, Interferon-gamma, and Interleukin-6 Production by Natural Killer Cell-Enriched Peripheral Blood Mononuclear Cells in Chronic Alcoholism: Relationship with Liver Disease and Ethanol Intake. Alcoholism: Clinical and Experimental Research, 1997, 21, 1226-1231.	1.4	39
236	Effect of Ethanol Consumption on Adult Rat Liver Mitochondrial Populations Analyzed by Flow Cytometry. Alcoholism: Clinical and Experimental Research, 1995, 19, 1327-1330.	1.4	9
237	Longâ€ŧerm treatment results for acute megakaryoblastic leukaemia patients: a multicentre study. British Journal of Haematology, 1992, 82, 671-675.	1.2	22
238	Discrepancies Between Morphologic, Cytochemical, and Immunologic Characteristics in Acute Myeloblastic Leukemia. American Journal of Clinical Pathology, 1987, 88, 38-42.	0.4	17