

# Karel FiÅ¡er

## List of Publications by Year in descending order

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42  
papers

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#	ARTICLE	IF	CITATIONS
1	Standardization of Workflow and Flow Cytometry Panels for Quantitative Expression Profiling of Surface Antigens on Blood Leukocyte Subsets: An HCDM CDMaps Initiative. <i>Frontiers in Immunology</i> , 2022, 13, 827898.	4.8	8
2	&lt;i&gt;DUX4&lt;/i&gt;, &lt;i&gt;ZNF384&lt;/i&gt; and &lt;i&gt;PAX5&lt;/i&gt;-P80R mutated B-cell precursor acute lymphoblastic leukemia frequently undergo monocytic switch. <i>Haematologica</i> , 2021, 106, 2066-2075.	3.5	29
3	Nucleoporin TPR Affects C2C12 Myogenic Differentiation via Regulation of Myh4 Expression. <i>Cells</i> , 2021, 10, 1271.	4.1	3
4	A novel class of ZNF384 aberrations in acute leukemia. <i>Blood Advances</i> , 2021, 5, 4393-4397.	5.2	11
5	Disease progression of 213 patients hospitalized with Covid-19 in the Czech Republic in March&#x2013;October 2020: An exploratory analysis. <i>PLoS ONE</i> , 2021, 16, e0245103.	2.5	1
6	High-Content Immunophenotyping and Hierarchical Clustering Reveal Sources of Heterogeneity and New Surface Markers of Human Blood Monocyte Subsets. <i>Thrombosis and Haemostasis</i> , 2020, 120, 141-155.	3.4	9
7	M2-like macrophages dictate clinically relevant immunosuppression in metastatic ovarian cancer. , 2020, 8, e000979.		60
8	Circulating Th17 and Th22 Cells Are Associated With CMR Imaging Biosignatures of Diffuse Myocardial Interstitial Remodeling in Chronic Coronary Artery Disease. <i>Circulation Research</i> , 2020, 127, 699-701.	4.5	5
9	ShinySOM: graphical SOM-based analysis of single-cell cytometry data. <i>Bioinformatics</i> , 2020, 36, 3288-3289.	4.1	5
10	CD Maps&#x2013;Dynamic Profiling of CD1&#x2013;CD100 Surface Expression on Human Leukocyte and Lymphocyte Subsets. <i>Frontiers in Immunology</i> , 2019, 10, 2434.	4.8	39
11	Molecular Basis of Cisplatin Resistance in Testicular Germ Cell Tumors. <i>Cancers</i> , 2019, 11, 1316.	3.7	12
12	&lt;i&gt;ERG&lt;/i&gt; deletions in childhood acute lymphoblastic leukemia with &lt;i&gt;DUX4&lt;/i&gt; rearrangements are mostly polyclonal, prognostically relevant and their detection rate strongly depends on screening method sensitivity. <i>Haematologica</i> , 2019, 104, 1407-1416.	3.5	34
13	CD371 cell surface expression: a unique feature of &lt;i&gt;DUX4&lt;/i&gt;-rearranged acute lymphoblastic leukemia. <i>Haematologica</i> , 2019, 104, e352-e355.	3.5	42
14	Nuclear pore protein TPR associates with lamin B1 and affects nuclear lamina organization and nuclear pore distribution. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2199-2216.	5.4	16
15	Toll-like receptor 2 expression on c-kit+ cells tracks the emergence of embryonic definitive hematopoietic progenitors. <i>Nature Communications</i> , 2019, 10, 5176.	12.8	8
16	Genomic landscape of pediatric B-other acute lymphoblastic leukemia in a consecutive European cohort. <i>Haematologica</i> , 2019, 104, 1396-1406.	3.5	78
17	Inhalation of ZnO Nanoparticles: Splice Junction Expression and Alternative Splicing in Mice. <i>Toxicological Sciences</i> , 2019, 168, 190-200.	3.1	24
18	CD Maps - Dynamic Profiling of CD1 to CD100 Surface Expression on Human Leukocyte and Lymphocyte Subsets. <i>Blood</i> , 2019, 134, 4878-4878.	1.4	0

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19	Low HOX gene expression in PML-RAR $\pm$ -positive leukemia results from suppressed histone demethylation. <i>Epigenetics</i> , 2018, 13, 73-84.	2.7	16
20	flowIO: Flow cytometry standard conformance testing, editing, and export tool. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 848-853.	1.5	8
21	Switching Towards Monocytic Lineage and Discordancy between Flow Cytometric and PCR Minimal Residual Disease Results Is a Hallmark Feature of DUX4 Rearranged B-Cell Precursor Acute Lymphoblastic Leukemia. <i>Blood</i> , 2018, 132, 2825-2825.	1.4	2
22	What matters in chronic Burkholderia cenocepacia infection in cystic fibrosis: Insights from comparative genomics. <i>PLoS Pathogens</i> , 2017, 13, e1006762.	4.7	28
23	Interactive Dendrograms: The <i>R</i> Packages <i>idendro</i> and <i>idendr</i> . <i>Journal of Statistical Software</i> , 2017, 76, .	3.7	6
24	Wilms tumor gene 1 (WT1), TP53, RAS/BRAF and KIT aberrations in testicular germ cell tumors. <i>Cancer Letters</i> , 2016, 376, 367-376.	7.2	16
25	Mantle cell lymphoma $\rightarrow$ variant Richter syndrome: Detailed molecular $\rightarrow$ cytogenetic and backtracking analysis reveals slow evolution of a pre $\rightarrow$ MCL clone in parallel with CLL over several years. <i>International Journal of Cancer</i> , 2016, 139, 2252-2260.	5.1	10
26	Distinct bilineal leukemia immunophenotypes are not genetically determined. <i>Blood</i> , 2016, 128, 2263-2266.	1.4	23
27	High-resolution Antibody Array Analysis of Childhood Acute Leukemia Cells. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1246-1261.	3.8	10
28	Quantitative expression of regulatory and differentiation-related genes in the key steps of human hematopoiesis: The LeukoStage Database. <i>Differentiation</i> , 2016, 91, 19-28.	1.9	7
29	Pharmacological inhibition of fatty-acid oxidation synergistically enhances the effect of l-asparaginase in childhood ALL cells. <i>Leukemia</i> , 2016, 30, 209-218.	7.2	31
30	The predictive strength of next-generation sequencing MRD detection for relapse compared with current methods in childhood ALL. <i>Blood</i> , 2015, 126, 1045-1047.	1.4	82
31	Reprogramming of B cell acute lymphoblastic leukemia cells: Do we need to shoot a moving target?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3455.	7.1	3
32	Myocardial Ischemia and Reperfusion Leads to Transient CD8 Immune Deficiency and Accelerated Immunosenescence in CMV-Seropositive Patients. <i>Circulation Research</i> , 2015, 116, 87-98.	4.5	33
33	Homeobox gene expression in acute myeloid leukemia is linked to typical underlying molecular aberrations. <i>Journal of Hematology and Oncology</i> , 2014, 7, 94.	17.0	14
34	CD2-positive B-cell precursor acute lymphoblastic leukemia with an early switch to the monocytic lineage. <i>Leukemia</i> , 2014, 28, 609-620.	7.2	43
35	The Role of Histone Demethylases in the Transcription Regulation of HOX Genes in PML-RAR $\alpha$ AML Patients. <i>Blood</i> , 2014, 124, 876-876.	1.4	0
36	Novel Flow Cytometry-Based Method Of Affinity Proteomics Revealing Expression, Post-Translational Modification and Proteolysis In Primary Childhood Acute Leukemias. <i>Blood</i> , 2013, 122, 2553-2553.	1.4	0

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37	High-Throughput 13-Parameter Immunophenotyping Identifies Shifts in the Circulating T-Cell Compartment Following Reperfusion in Patients with Acute Myocardial Infarction. PLoS ONE, 2012, 7, e47155.	2.5	28
38	Detection and monitoring of normal and leukemic cell populations with hierarchical clustering of flow cytometry data. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 25-34.	1.5	39
39	An automated analysis of highly complex flow cytometry-based proteomic data. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 120-129.	1.5	13
40	Understanding the cancer stem cell. British Journal of Cancer, 2010, 103, 439-445.	6.4	181
41	B Precursor ALL Subset with Aberrant CD2 Expression and a Specific Predisposition to Early Monocytic Transdifferentiation. Blood, 2010, 116, 1708-1708.	1.4	0
42	Gene expression profiles of two accelerations in a CML patient. Leukemia Research, 2006, 30, 751-753.	0.8	0