Jaroslaw P Maciejewski

List of Publications by Year in Descending Order

314 papers	7,694 citations	37 h-index	85 g-index
328 ext. papers	9,848 ext. citations	5 avg, IF	5.59 L-index

#	Paper	IF	Citations
314	Eltrombopag inhibits TET dioxygenase to contribute to hematopoietic stem cell expansion in aplastic anemia.. *Journal of Clinical Investigation*, **2022**,	15.9	1
313	Clonal dynamics of hematopoietic stem cell compartment in aplastic anemia.. *Seminars in Hematology*, **2022**, 59, 47-53	4	0
312	A study of Telomerase Reverse Transcriptase rare variants in myeloid neoplasia.. *Hematological Oncology*, **2022**,	1.3	0
311	Recruitment of MLL1 complex is essential for SETBP1 to induce myeloid transformation.. *IScience*, **2022**, 25, 103679	6.1	0
310	Circulating microbial content in myeloid malignancy patients is associated with disease subtypes and patient outcomes.. *Nature Communications*, **2022**, 13, 1038	17.4	2
309	Aplastic anemia: Quo vadis?. *Seminars in Hematology*, **2022**, 59, 54-55	4	0
308	Single-cell characterization of leukemic and non-leukemic immune repertoires in CD8 T-cell large granular lymphocytic leukemia.. *Nature Communications*, **2022**, 13, 1981	17.4	2
307	The Similarity of Class II HLA Genotypes Defines Patterns of Autoreactivity in Idiopathic Bone Marrow Failure Disorders. *Blood*, **2021**,	2.2	2
306	Immunogenetic, Molecular and Clinical Determinants of Clonal Evolution in Aplastic Anemia and Paroxysmal Nocturnal Hemoglobinuria. *Blood*, **2021**, 138, 602-602	2.2	
305	Epigenetic Enzyme Mutations in Myeloid Malignancies Are Selected By Chromatin-Remodeling Requirements That Vary By Lineage- and Maturation-Stage. *Blood*, **2021**, 138, 1148-1148	2.2	
304	A Novel Machine Learning-Derived Molecular Classification Scheme with Prognostic Significance. *Blood*, **2021**, 138, 3666-3666	2.2	0
303	EPOR/JAK/STAT Signaling Pathway As Therapeutic Target of Acute Erythroid Leukemia. *Blood*, **2021**, 138, 610-610	2.2	1
302	A Novel Approach to Induce ATRA Mediated Differentiation in NPM1 Mutant Acute Myeloid Leukemia. *Blood*, **2021**, 138, 786-786	2.2	
301	Is nature truly healing itself? Spontaneous remissions in Paroxysmal Nocturnal Hemoglobinuria. *Blood Cancer Journal*, **2021**, 11, 187	7	2
300	Is Nature Truly Healing Itself? Spontaneous Remissions and Clonal Replacement in Paroxysmal Nocturnal Hemoglobinuria. *Blood*, **2021**, 138, 4303-4303	2.2	
299	Mutant TP53 prevents Telomere Shortening in Acute Myeloid Leukemia. *Blood*, **2021**, 138, 375-375	2.2	0
298	A Systematic Review and Meta-Analysis Comparing Type I and II FLT3 Inhibitors in Relapsed/ Refractory Acute Myeloid Leukemia and High-Risk Myelodysplastic Syndrome. *Blood*, **2021**, 138, 1249-1249	2.2	0

297	Spectrum of Molecular Modes of Immune Escape in Idiopathic Aplastic Anemia and Paroxysmal Nocturnal Hemoglobinuria. *Blood*, **2021**, 138, 603-603	2.2	0
296	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	2.2	1
295	Molecular Signatures of Immune Pressure and Immune Escape in Hematological Malignancies. *Blood*, **2021**, 138, 1093-1093	2.2	
294	Transcriptomic Profile Identifies Early Signatures of Immunoediting and a Potential Role for VISTA As a Molecular Target in Acute Myeloid Leukemia. *Blood*, **2021**, 138, 4467-4467	2.2	
293	Therapeutic Targeting of TET-Dioxygenase Deficiency in Myeloid Malignancies. *Blood*, **2021**, 138, 3985-3985	2.2	0
292	Vacuolization of hematopoietic precursors: an enigma with multiple etiologies. *Blood*, **2021**, 137, 3685-3689	2.2	12
291	Somatic mutations in lymphocytes in patients with immune-mediated aplastic anemia. *Leukemia*, **2021**, 35, 1365-1379	10.7	10
290	How I manage acquired pure red cell aplasia in adults. *Blood*, **2021**, 137, 2001-2009	2.2	7
289	Functional analyses of human LUC7-like proteins involved in splicing regulation and myeloid neoplasms. *Cell Reports*, **2021**, 35, 108989	10.6	4
288	Therapeutic Targeting of Protein Disulfide Isomerase PDIA1 in Multiple Myeloma. *Cancers*, **2021**, 13,	6.6	2
287	Machine learning integrates genomic signatures for subclassification beyond primary and secondary acute myeloid leukemia. *Blood*, **2021**, 138, 1885-1895	2.2	3
286	Complex landscape of alternative splicing in myeloid neoplasms. *Leukemia*, **2021**, 35, 1108-1120	10.7	12
285	Decitabine- and 5-azacytidine resistance emerges from adaptive responses of the pyrimidine metabolism network. *Leukemia*, **2021**, 35, 1023-1036	10.7	19
284	Frequency and perturbations of various peripheral blood cell populations before and after eculizumab treatment in paroxysmal nocturnal hemoglobinuria. *Blood Cells, Molecules, and Diseases* , **2021**, 87, 102528	2.1	3
283	Dexrazoxane enhances efficacy of all- retinoic acid in acute myeloid leukemia patient blast cells and cell lines. *Leukemia and Lymphoma*, **2021**, 62, 473-477	1.9	
282	Analysis of distinct hotspot mutations in relation to clinical phenotypes and response to therapy in myeloid neoplasia. *Leukemia and Lymphoma*, **2021**, 62, 735-738	1.9	2
281	Reduced red blood cell surface level of Factor H as a mechanism underlying paroxysmal nocturnal hemoglobinuria. *Leukemia*, **2021**, 35, 1176-1187	10.7	1
280	Novel invariant features of Good syndrome. *Leukemia*, **2021**, 35, 1792-1796	10.7	4

279	A Phase II Trial of Imatinib Mesylate as Maintenance Therapy for Patients With Newly Diagnosed C-kit-positive Acute Myeloid Leukemia. *Clinical Lymphoma, Myeloma and Leukemia*, **2021**, 21, 113-118	2	2
278	Clonal trajectories and cellular dynamics of myeloid neoplasms with SF3B1 mutations. *Leukemia*, **2021**, 35, 3324-3328	10.7	0
277	Clinical and basic implications of dynamic T cell receptor clonotyping in hematopoietic cell transplantation. *JCI Insight*, **2021**, 6,	9.9	2
276	Phase 2 study of danicopan in patients with paroxysmal nocturnal hemoglobinuria with an inadequate response to eculizumab. *Blood*, **2021**, 138, 1928-1938	2.2	7
275	Influence of Killer Immunoglobulin-Like Receptors and Somatic Mutations on Transplant Outcomes in Acute Myeloid Leukemia. *Transplantation and Cellular Therapy*, **2021**, 27, 917.e1-917.e9		0
274	Personalized Prediction Model to Risk Stratify Patients With Myelodysplastic Syndromes. *Journal of Clinical Oncology*, **2021**, 39, 3737-3746	2.2	14
273	Treatment outcomes for patients with myelodysplastic syndrome/myeloproliferative neoplasms with ring sideroblasts and thrombocytosis. *Leukemia and Lymphoma*, **2021**, 1-6	1.9	0
272	Germline DDX41 mutations cause ineffective hematopoiesis and myelodysplasia. *Cell Stem Cell*, **2021**, 28, 1966-1981.e6	18	6
271	T-cell large granular lymphocytic leukemia associated with inclusion body myositis. *International Journal of Laboratory Hematology*, **2021**,	2.5	0
270	A geno-clinical decision model for the diagnosis of myelodysplastic syndromes. *Blood Advances*, **2021**, 5, 4361-4369	7.8	2
269	Large Granular Lymphocytic Leukemia: From Immunopathogenesis to Treatment of Refractory Disease. *Cancers*, **2021**, 13,	6.6	2
268	Monoclonal IgM gammopathy in adult acquired pure red cell aplasia: culprit or innocent bystander?. *Blood Cells, Molecules, and Diseases*, **2021**, 91, 102595	2.1	1
267	TET-dioxygenase deficiency in oncogenesis and its targeting for tumor-selective therapeutics. *Seminars in Hematology*, **2021**, 58, 27-34	4	4
266	Implication of PIGA genotype on erythrocytes phenotype in Paroxysmal Nocturnal Hemoglobinuria. *Leukemia*, **2021**, 35, 2431-2434	10.7	3
265	Baseline clinical characteristics and disease burden in patients with paroxysmal nocturnal hemoglobinuria (PNH): updated analysis from the International PNH Registry. *Annals of Hematology* , **2020**, 99, 1505-1514	3	27
264	Human erythroleukemia genetics and transcriptomes identify master transcription factors as functional disease drivers. *Blood*, **2020**, 136, 698-714	2.2	16
263	SF3B1-mutant MDS as a distinct disease subtype: a proposal from the International Working Group for the Prognosis of MDS. *Blood*, **2020**, 136, 157-170	2.2	72
262	5-formylcytosine and 5-hydroxymethyluracil as surrogate markers of TET2 and SF3B1 mutations in myelodysplastic syndrome, respectively. *Haematologica*, **2020**, 105, e213-e215	6.6	1

261	Distinct mutational pattern of myelodysplastic syndromes with and without 5q- treated with lenalidomide. *British Journal of Haematology*, **2020**, 189, e133-e137	4.5	1
260	Molecular landscape and clonal architecture of adult myelodysplastic/myeloproliferative neoplasms. *Blood*, **2020**, 136, 1851-1862	2.2	34
259	From Bench to Bedside and Beyond: Therapeutic Scenario in Acute Myeloid Leukemia. *Cancers*, **2020**, 12,	6.6	7
258	Large granular lymphocytic leukaemia after solid organ and haematopoietic stem cell transplantation. *British Journal of Haematology*, **2020**, 189, 318-322	4.5	3
257	Distinctive and common features of moderate aplastic anaemia. *British Journal of Haematology*, **2020**, 189, 967-975	4.5	4
256	A Novel Therapeutic Strategy for Preferential Elimination of Multiple Myeloma Cells By Targeting Protein Disulfide Isomerase. *Blood*, **2020**, 136, 32-33	2.2	
255	Leveraging Whole Genome Sequencing to Define the Mutational Landscape in Paroxysmal Nocturnal Hemoglobinuria. *Blood*, **2020**, 136, 8-8	2.2	
254	Type of TP53 Mutations Affects Subclonal Configuration and Selection Pressure for Acquisition of Additional Hits in Contralateral Alleles. *Blood*, **2020**, 136, 25-25	2.2	
253	Multicenter Validation of a Personalized Model to Predict Hypomethylating Agent Response in Myelodysplastic Syndromes (MDS). *Blood*, **2020**, 136, 54-55	2.2	
252	Immunogenomics of Paroxysmal Nocturnal Hemoglobinuria: A Model of Immune Escape. *Blood*, **2020**, 136, 21-22	2.2	
251	Impact of HLA Evolutionary Divergence on Clinical Features of Patients with Aplastic Anemia and Paroxysmal Nocturnal Hemoglobinuria. *Blood*, **2020**, 136, 2-3	2.2	
250	Inhibition of Critical DNA Dioxygenase Activity in IDH1/2 Mutant Myeloid Neoplasms. *Blood*, **2020**, 136, 28-28	2.2	
249	Molecular and Clinical Aspects of Acute Myeloid Leukemia with Inv(3)(q21q26)/t(3;3)(q21;q26) Carrying Spliceosomal Mutations. *Blood*, **2020**, 136, 7-8	2.2	0
248	The Genomic Landscape of WilmsÕTumor 1 (WT1) Mutant Acute Myeloid Leukemia. *Blood*, **2020**, 136, 28-28	2.2	
247	Venetoclax Inhibition of Pyrimidine Synthesis Guides Methods for Integration with Decitabine or 5-Azacytidine That Are Non-Myelosuppressive. *Blood*, **2020**, 136, 26-27	2.2	
246	Molecular and Expression Characterization of Monosomy 7 and Del(7q). *Blood*, **2020**, 136, 33-33	2.2	
245	Implication of Piga Genotype on Clinical Features of PNH. *Blood*, **2020**, 136, 34-35	2.2	
244	Genotype-Phenotype Relationships and Therapeutic Targets in Acute Erythroid Leukemia. *Blood*, **2020**, 136, 17-18	2.2	1

243	Double Genetic Hits and Subclonal Mosaicism in the Ras Signaling Pathway in Myeloid Neoplasia. *Blood*, **2020**, 136, 34-35	2.2	
242	Immunogenomics of Aplastic Anemia: The Role of HLA Somatic Mutations and the HLA Evolutionary Divergence. *Blood*, **2020**, 136, 20-21	2.2	
241	Rare Germline Alterations of Myeloperoxidase Predispose to Myeloid Neoplasms and Are Associated with Increased Circulating Burden of Microbial DNA. *Blood*, **2020**, 136, 2-3	2.2	
240	Characterization of the Blood and Bone Marrow Microbiome of MDS Patients and Associations with Clinical Features. *Blood*, **2020**, 136, 34-35	2.2	0
239	A Phase I/II Trial of CPX-351 + Palbociclib in Patients with Acute Myeloid Leukemia. *Blood*, **2020**, 136, 13-14	2.2	1
238	Leukemia Relapse after Allogeneic Hematopoietic Stem Cell Transplantation: From Recapitulation/Acquisition of Leukemogenic Hits to Immune Escape Due to Somatic Class I/ II HLA Mutations. *Blood*, **2020**, 136, 21-21	2.2	
237	Role of Oligoadenylate Synthetases in Myeloid Neoplasia. *Blood*, **2020**, 136, 29-30	2.2	
236	Aberrant Telomere Length and Composition Are Recurrent Features of Myeloid Disorders. *Blood*, **2020**, 136, 29-30	2.2	1
235	TET2 Inhibitory Effects of Eltrombopag Contribute Its Hematopoietic Activity. *Blood*, **2020**, 136, 2-3	2.2	
234	Genomic Landscape of Splicing Factor Mutant Acute Myeloid Leukemia. *Blood*, **2020**, 136, 36-36	2.2	
233	A Personalized Clinical-Decision Tool to Improve the Diagnostic Accuracy of Myelodysplastic Syndromes. *Blood*, **2020**, 136, 33-35	2.2	2
232	The Clonal Trajectories of SF3B1 Mutations in Myeloid Neoplasia. *Blood*, **2020**, 136, 8-8	2.2	1
231	Genotype-Phenotype Correlations in Patients with Myeloid Malignancies Using Explainable Artificial Intelligence. *Blood*, **2020**, 136, 31-32	2.2	1
230	The Genomic Landscape of Myeloid Neoplasms Evolved from AA/PNH. *Blood*, **2020**, 136, 2-2	2.2	1
229	Clinical Impacts of Germline DDX41 Mutations on Myeloid Neoplasms. *Blood*, **2020**, 136, 38-40	2.2	2
228	Targeted Sequencing of 7 Genes Can Help Reduce Pathologic Misclassification of MDS. *Blood*, **2020**, 136, 32-33	2.2	1
227	Impact of Pathogenic Germ Line Variants in Adults with Acquired Bone Marrow Failure Syndromes Vs. Myeloid Neoplasia. *Blood*, **2020**, 136, 1-1	2.2	1
226	Genomics of therapy-related myeloid neoplasms. *Haematologica*, **2020**, 105, e98-e101	6.6	10

225	Rare germline variant contributions to myeloid malignancy susceptibility. *Leukemia*, **2020**, 34, 1675-1678	10.7	3
224	Clonal dynamics of aplastic anemia/paroxysmal nocturnal hemoglobinuria. *Leukemia and Lymphoma*, **2020**, 61, 1242-1245	1.9	1
223	Extended experience with a non-cytotoxic DNMT1-targeting regimen of decitabine to treat myeloid malignancies. *British Journal of Haematology*, **2020**, 188, 924-929	4.5	8
222	Machine learning demonstrates that somatic mutations imprint invariant morphologic features in myelodysplastic syndromes. *Blood*, **2020**, 136, 2249-2262	2.2	21
221	Context dependent effects of ascorbic acid treatment in TET2 mutant myeloid neoplasia. *Communications Biology*, **2020**, 3, 493	6.7	13
220	Large granular lymphocytic leukemia coexists with myeloid clones and myelodysplastic syndrome. *Leukemia*, **2020**, 34, 957-962	10.7	16
219	Leukemia evolving from paroxysmal nocturnal hemoglobinuria. *Leukemia*, **2020**, 34, 327-330	10.7	1
218	Targeting of CD38 by the Tumor Suppressor miR-26a Serves as a Novel Potential Therapeutic Agent in Multiple Myeloma. *Cancer Research*, **2020**, 80, 2031-2044	10.1	19
217	Promoter Methylation Is Linked to Defective Homologous Recombination Repair and Elevated to Disrupt Myeloid Differentiation in Myeloid Malignancies. *Clinical Cancer Research*, **2019**, 25, 2513-2522	12.9	6
216	The mutational burden of therapy-related myeloid neoplasms is similar to primary myelodysplastic syndrome but has a distinctive distribution. *Leukemia*, **2019**, 33, 2842-2853	10.7	19
215	Impact of germline CTC1 alterations on telomere length in acquired bone marrow failure. *British Journal of Haematology*, **2019**, 185, 935-939	4.5	5
214	Chronic myeloid leukemia: Two mysteries. *Leukemia Research*, **2019**, 79, 3-5	2.7	1
213	The functional mechanisms of mutations in myelodysplastic syndrome. *Leukemia*, **2019**, 33, 2779-2794	10.7	11
212	Effects of the Therapeutic Armamentarium on Survival and Time to Next Treatment in CMML Subtypes: An International Analysis of 950 Cases Coordinated By the AGMT Study Group. *Blood*, **2019**, 134, 844-844	2.2	3
211	RORA Is a Potential Prognostic Biomarker and Therapeutic Target for Patients with Acute Myeloid Leukemia. *Blood*, **2019**, 134, 2696-2696	2.2	1
210	Geno-Clinical Model for the Diagnosis of Bone Marrow Myeloid Neoplasms. *Blood*, **2019**, 134, 4238-4238	2.2	2
209	Combined Treatment with Lenalidomide and Epoetin Alfa Leads to Durable Responses in Patients with Epo-Refractory, Lower Risk Non-Deletion 5q [Del(5q)] MDS: Final Results of the E2905 Intergroup Phase III Study - an ECOG-ACRIN Cancer Research Group Study, Grant CA180820, and the National Cancer Institute of the National Institutes of Health. *Blood*, **2019**, 134, 842-842	2.2	3
208	A Personalized Prediction Model to Risk Stratify Patients with Acute Myeloid Leukemia (AML) Using Artificial Intelligence. *Blood*, **2019**, 134, 2091-2091	2.2	8

207	Novel Molecular Pathogenesis and Therapeutic Target in Acute Erythroid Leukemia. *Blood*, **2019**, 134, 914-914	2.2	1
206	TET Dioxygenase Inhibition As a Therapeutic Strategy in TET2 Mutant Myeloid Neoplasia. *Blood*, **2019**, 134, 880-880	2.2	2
205	Idiopathic aplastic anemia vs hypocellular myelodysplastic syndrome. *Hematology American Society of Hematology Education Program*, **2019**, 2019, 97-104	3.1	9
204	Gene-centric functional dissection of human genetic variation uncovers regulators of hematopoiesis. *ELife*, **2019**, 8,	8.9	7
203	T-cell large granular lymphocytic leukemia evolution post-transplant: The Cleveland Clinic experience.. *Journal of Clinical Oncology*, **2019**, 37, e19072-e19072	2.2	
202	CUL1: Novel Therapeutic Target in Myeloid Neoplasms Harboring -7/Del(7q). *Blood*, **2019**, 134, 1281-1281	2.2	
201	The Biological and Clinical Implications of the Alternative Splicing Landscape of 1,258 Myeloid Neoplasm Cases. *Blood*, **2019**, 134, 769-769	2.2	
200	Extended Experience with a Very Low Dose, Metronomic, Subcutaneous Decitabine Regimen Intended to Deplete DNMT1 without Cytotoxicity. *Blood*, **2019**, 134, 1279-1279	2.2	
199	Pharmacologic Normalization of Altered Transcriptome of SF3B1 Mutant Myeloid Neoplasia. *Blood*, **2019**, 134, 564-564	2.2	
198	Molecular Characterization of EP300 Mutant Myeloid Neoplasia. *Blood*, **2019**, 134, 5043-5043	2.2	
197	TET2 Loss Accelerates Leukemogenesis By Disrupting Mismatch Repair Proteins. *Blood*, **2019**, 134, 1200-1200	2.2	
196	Long-Term Experience with Large Granular Lymphocytic Leukemia Evolving after Solid Organ and Hematopoietic Stem Cell Transplantation. *Blood*, **2019**, 134, 1226-1226	2.2	
195	MPO as a Novel Susceptibility Gene in Myeloid Malignancies. *Blood*, **2019**, 134, 5402-5402	2.2	0
194	Angioimmunoblastic T-Cell Lymphoma: Molecular Characterization of Clonal T and B-Cells and a Patient Derived Xenograft Model of Coexisting T and B-Cell Proliferations. *Blood*, **2019**, 134, 1572-1572	2.2	
193	Large Granular Lymphocytic Leukemia Coexists with Clonal Hematopoiesis of Indeterminate Potential. *Blood*, **2019**, 134, 3743-3743	2.2	
192	Predicting Response to Hypomethylating Agents in Patients with Myelodysplastic Syndromes (MDS) Using Artificial Intelligence (AI). *Blood*, **2019**, 134, 2089-2089	2.2	
191	A Single Arm, Phase II Study of Eltrombopag to Enhance Platelet Count Recovery in Older Patients with Acute Myeloid Leukemia (AML) Undergoing Remission Induction Therapy. *Blood*, **2019**, 134, 2595-2595	2.2	
190	Genetics of Monosomy 7 and Del(7q) in MDS Informs Potential Therapeutic Targets. *Blood*, **2019**, 134, 1703-1703	2.2	1

189	Fatty Acid Binding Protein FABP5: A Novel Therapeutic Target in Acute Myeloid Leukemia. *Blood*, **2019**, 134, 2553-2553	2.2	1
188	Clonal Cytopenias of Undetermined Significance Are Common in Cytopenic Adults Evaluated for MDS in the National MDS Study. *Blood*, **2019**, 134, 4271-4271	2.2	
187	Invariant phenotype and molecular association of biallelic mutant myeloid neoplasia. *Blood Advances*, **2019**, 3, 339-349	7.8	18
186	mutations define a specific subgroup of MDS and MDS/MPN patients with favorable outcomes with intensive chemotherapy. *Blood Advances*, **2019**, 3, 922-933	7.8	39
185	Subclonal STAT3 mutations solidify clonal dominance. *Blood Advances*, **2019**, 3, 917-921	7.8	12
184	Distinct clinical and biological implications of in myeloid neoplasms. *Blood Advances*, **2019**, 3, 2164-2178	7.8	12
183	Therapy-related acute lymphoblastic leukemia is a distinct entity with adverse genetic features and clinical outcomes. *Blood Advances*, **2019**, 3, 4228-4237	7.8	16
182	Invariant patterns of clonal succession determine specific clinical features of myelodysplastic syndromes. *Nature Communications*, **2019**, 10, 5386	17.4	29
181	Molecular pathogenesis of disease progression in MLL-rearranged AML. *Leukemia*, **2019**, 33, 612-624	10.7	18
180	Mutation clonal burden and allogeneic hematopoietic cell transplantation outcomes in acute myeloid leukemia and myelodysplastic syndromes. *Bone Marrow Transplantation*, **2019**, 54, 1281-1286	4.4	17
179	New drugs for pharmacological extension of replicative life span in normal and progeroid cells. *Npj Aging and Mechanisms of Disease*, **2019**, 5, 2	5.5	7
178	and mutations in myelodysplastic syndromes (MDS): clonal architecture and impact on outcomes. *Leukemia and Lymphoma*, **2019**, 60, 1587-1590	1.9	9
177	Effectiveness of eculizumab in patients with paroxysmal nocturnal hemoglobinuria (PNH) with or without aplastic anemia in the International PNH Registry. *American Journal of Hematology*, **2019**, 94, E37-E41	7.1	12
176	Mutations Sensitize Acute Myeloid Leukemia to PARP Inhibition and This Is Reversed by IDH1/2-Mutant Inhibitors. *Clinical Cancer Research*, **2018**, 24, 1705-1715	12.9	53
175	Wild-type and mutated IDH1/2 enzymes and therapy responses. *Oncogene*, **2018**, 37, 1949-1960	9.2	127
174	Mutations in DNMT3A, U2AF1, and EZH2 identify intermediate-risk acute myeloid leukemia patients with poor outcome after CR1. *Blood Cancer Journal*, **2018**, 8, 4	7	21
173	Targeting the MALAT1/PARP1/LIG3 complex induces DNA damage and apoptosis in multiple myeloma. *Leukemia*, **2018**, 32, 2250-2262	10.7	70
172	Clinical features and treatment outcomes in large granular lymphocytic leukemia (LGLL). *Leukemia and Lymphoma*, **2018**, 59, 416-422	1.9	42

171	Therapeutic outcomes using subcutaneous low dose alemtuzumab for acquired bone marrow failure conditions. *British Journal of Haematology*, **2018**, 183, 133-136	4.5	6
170	Clonal PIGA mosaicism and dynamics in paroxysmal nocturnal hemoglobinuria. *Leukemia*, **2018**, 32, 2507-2511	10.7	6
169	Tet2 Regulates Osteoclast Differentiation by Interacting with Runx1 and Maintaining Genomic 5-Hydroxymethylcytosine (5hmC). *Genomics, Proteomics and Bioinformatics*, **2018**, 16, 172-186	6.5	18
168	Leukemogenic nucleophosmin mutation disrupts the transcription factor hub that regulates granulomonocytic fates. *Journal of Clinical Investigation*, **2018**, 128, 4260-4279	15.9	61
167	Fanconi Anemia germline variants as susceptibility factors in aplastic anemia, MDS and AML. *Oncotarget*, **2018**, 9, 2050-2057	3.3	12
166	Heterozygous CTC1 Variants in Acquired Bone Marrow Failure. *Blood*, **2018**, 132, 3866-3866	2.2	
165	BRCA1 & BRCA2 Germline Variants Are Enriched in MDS/AML and Portend Higher Average Mutational Burden. *Blood*, **2018**, 132, 4352-4352	2.2	
164	Association of MHC Class I Chain-Related Gene a (MICA) Polymorphisms with Allogeneic Hematopoietic Cell Transplantation Outcomes in Acute Myeloid Leukemia. *Blood*, **2018**, 132, 2075-2075	2.2	
163	Novel Small Molecule Stimulants of Hematopoietic Stem Cells and Their Mode of Action. *Blood*, **2018**, 132, 1302-1302	2.2	
162	Analysis of Even a Limited Number of Genes Indicates a Strong Inherited Component in Otherwise Typical Sporadic MDS. *Blood*, **2018**, 132, 3074-3074	2.2	
161	Differences in Genomic Patterns between African Americans and Whites with Acute Myeloid Leukemia. *Blood*, **2018**, 132, 1527-1527	2.2	
160	Survival Outcomes of Patients with Therapy-Related Myelodysplastic Syndromes in the United States. *Blood*, **2018**, 132, 371-371	2.2	
159	Rational management approach to pure red cell aplasia. *Haematologica*, **2018**, 103, 221-230	6.6	29
158	The evolution of paroxysmal nocturnal haemoglobinuria depends on intensity of immunosuppressive therapy. *British Journal of Haematology*, **2018**, 182, 730-733	4.5	9
157	Mutational landscape of myelodysplastic/myeloproliferative neoplasm-unclassifiable. *Blood*, **2018**, 132, 2100-2103	2.2	26
156	Germline loss-of-function and alterations in adult myelodysplastic syndromes. *Blood*, **2018**, 132, 2309-2313	2.2	23
155	Consequences of mutant TET2 on clonality and subclonal hierarchy. *Leukemia*, **2018**, 32, 1751-1761	10.7	30
154	Transcriptomic rationale for synthetic lethality-targeting ERCC1 and CDKN1A in chronic myelomonocytic leukaemia. *British Journal of Haematology*, **2018**, 182, 373-383	4.5	4

153	Genetic abnormalities in myelodysplasia and secondary acute myeloid leukemia: impact on outcome of stem cell transplantation. *Blood*, **2017**, 129, 2347-2358	2.2	184
152	Molecular features of early onset adult myelodysplastic syndrome. *Haematologica*, **2017**, 102, 1028-1034	6.6	13
151	DDX41-related myeloid neoplasia. *Seminars in Hematology*, **2017**, 54, 94-97	4	28
150	Tet2 loss leads to hypermutagenicity in haematopoietic stem/progenitor cells. *Nature Communications*, **2017**, 8, 15102	17.4	61
149	Novel therapeutic strategies to target leukemic cells that hijack compartmentalized continuous hematopoietic stem cell niches. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2017**, 1868, 183-198	11.2	25
148	Ubiquitination of hnRNPA1 by TRAF6 links chronic innate immune signaling with myelodysplasia. *Nature Immunology*, **2017**, 18, 236-245	19.1	60
147	Dynamics of clonal evolution in myelodysplastic syndromes. *Nature Genetics*, **2017**, 49, 204-212	36.3	228
146	Origins of myelodysplastic syndromes after aplastic anemia. *Blood*, **2017**, 130, 1953-1957	2.2	32
145	Clinical implications of somatic mutations in aplastic anemia and myelodysplastic syndrome in genomic age. *Hematology American Society of Hematology Education Program*, **2017**, 2017, 66-72	3.1	10
144	GATA4 loss of function in liver cancer impedes precursor to hepatocyte transition. *Journal of Clinical Investigation*, **2017**, 127, 3527-3542	15.9	26
143	Recurrent genetic defects on chromosome 5q in myeloid neoplasms. *Oncotarget*, **2017**, 8, 6483-6495	3.3	24
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