Jason E Farrar

List of Publications by Year in descending order

57 papers	1,989 citations	430442 18 h-index	253896 43 g-index
61 all docs	61 docs citations	61 times ranked	3663 citing authors

#	Article	IF	Citations
1	Molecular and phenotypic diversity of <I>CBL</I>-mutated juvenile myelomonocytic leukemia. Haematologica, 2022, 107, 178-186.	1.7	25
2	CPX-351 induces remission in newly diagnosed pediatric secondary myeloid malignancies. Blood Advances, 2022, 6, 521-527.	2.5	10
3	Abstract 3737: DNA-methylation is tightly linked with super-enhancer marks to upregulate ERG in ETO2-GLIS2 positive leukemia. Cancer Research, 2022, 82, 3737-3737.	0.4	0
4	Genotype-phenotype association and variant characterization in Diamond-Blackfan anemia caused by pathogenic variants in <i>RPL35A</i>. Haematologica, 2021, 106, 1303-1310.	1.7	12
5	ZMYND11-MBTD1 induces leukemogenesis through hijacking NuA4/TIP60 acetyltransferase complex and a PWWP-mediated chromatin association mechanism. Nature Communications, 2021, 12, 1045.	5.8	27
6	Implementing Pharmacogenomics Testing: Single Center Experience at Arkansas Childrenâ€™s Hospital. Journal of Personalized Medicine, 2021, 11, 394.	1.1	14
7	CBFB-MYH11 fusion transcripts distinguish acute myeloid leukemias with distinct molecular landscapes and outcomes. Blood Advances, 2021, 5, 4963-4968.	2.5	4
8	A B-cell developmental gene regulatory network is activated in infant AML. PLoS ONE, 2021, 16, e0259197.	1.1	5
9	Integrated Transcriptomics and Proteomics Identifies Therapeutic Targets in Pediatric Acute Myeloid Leukemia. Blood, 2021, 138, 1296-1296.	0.6	0
10	Whole Genome Sequencing of Diamond Blackfan Anemia Syndrome Patients Detects Mutations That Alter mRNA Splicing. Blood, 2021, 138, 863-863.	0.6	0
11	Epigenetic Silencing of CD34 in AML and Association with Outcome in KMT2A Fusions. Blood, 2021, 138, 802-802.	0.6	0
12	Liposome-Encapsulated Cytarabine and Daunorubicin (CPX-351) Induces Remission in Newly Diagnosed Pediatric Secondary Myeloid Malignancies. Blood, 2021, 138, 4415-4415.	0.6	0
13	Epigenetically Enhanced MED12L in ETO2-GLIS2 Positive Pediatric Acute Megakaryoblastic Leukemia Is Associated with Resistance to the CDK8 Inhibitors. Blood, 2021, 138, 2208-2208.	0.6	2
14	EZH2-Mediated MHC Class II Silencing Drives Immune Evasion in AML with t(16;21) (FUS-ERG). Blood, 2021, 138, 374-374.	0.6	0
15	Comprehensive Transcriptome Profiling of Cryptic CBFA2T3â€“GLIS2 Fusionâ€“Positive AML Defines Novel Therapeutic Options: A COG and TARGET Pediatric AML Study. Clinical Cancer Research, 2020, 26, 726-737.	3.2	42
16	Integrated Stem Cell Signature and Cytomolecular Risk Determination in Pediatric Acute Myeloid Leukemia. Blood, 2020, 136, 28-29.	0.6	0
17	Genome and Transcriptome Profiling of Monosomy 7 AML Defines Novel Risk and Therapeutic Cohorts. Blood, 2020, 136, 20-21.	0.6	1
18	Structural Variants Involving MLLT10/AF10 Are Associated with Adverse Outcome in AML Regardless of the Partner Gene - a COG/Tpaml Study. Blood, 2019, 134, 461-461.	0.6	12

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19	Long Non-Coding RNAs (lncRNAs) Are Highly Associated with Disease Characteristics and Outcome in Pediatric Acute Myeloid Leukemia - a COG and Tpaml Study. Blood, 2019, 134, 2741-2741.	0.6	2
20	Discovery of Novel IL3RA (CD123) Isoforms By Long Read Transcriptomics, Heterogeneous Expression Among AML Patient Cohorts and the Implications for Anti-CD123 Therapeutics. Blood, 2019, 134, 4658-4658.	0.6	1
21	Whole Genome Sequencing Identifies Small Deletions in Ribosomal Genes Causing Diamond Blackfan Anemia. Blood, 2019, 134, 2502-2502.	0.6	0
22	A Distinct Oncofetal B-Cell Transcriptional Program Is Activated in Infant Acute Myeloid Leukemia and Reveals Novel Therapeutic Strategies. Blood, 2019, 134, 3768-3768.	0.6	0
23	The molecular landscape of pediatric acute myeloid leukemia reveals recurrent structural alterations and age-specific mutational interactions. Nature Medicine, 2018, 24, 103-112.	15.2	525
24	Increased Prevalence of Congenital Heart Disease in Children With Diamond Blackfan Anemia Suggests Unrecognized Diamond Blackfan Anemia as a Cause of Congenital Heart Disease in the General Population. Circulation Genomic and Precision Medicine, 2018, 11, e002044.	1.6	32
25	Leucine for the Treatment of Transfusion Dependence in Patients with Diamond Blackfan Anemia. Blood, 2018, 132, 755-755.	0.6	2
26	Phenotypes of Diamond Blackfan Anemia Patients with RPL35A Haploinsufficiency Due to 3q29 Deletion Compared with RPL35A Single Nucleotide Variants or Small Insertion/Deletions. Blood, 2018, 132, 3854-3854.	0.6	3
27	Altered Epigenetic Maturation in Early Erythroid Cells from Diamond Blackfan Anemia Patients Treated with Transfusions, Corticosteroids, or in Remission. Blood, 2018, 132, 752-752.	0.6	1
28	Molecular convergence in ex vivo models of Diamond-Blackfan anemia. Blood, 2017, 129, 3111-3120.	0.6	30
29	Response: Making â€œperfectâ€•the enemy of good. Blood, 2017, 130, 1168-1169.	0.6	2
30	A multicenter, randomized study of decitabine as epigenetic priming with induction chemotherapy in children with AML. Clinical Epigenetics, 2017, 9, 108.	1.8	25
31	CSF3R mutations have a high degree of overlap with CEBPA mutations in pediatric AML. Blood, 2016, 127, 3094-3098.	0.6	49
32	Genomic Profiling of Pediatric Acute Myeloid Leukemia Reveals a Changing Mutational Landscape from Disease Diagnosis to Relapse. Cancer Research, 2016, 76, 2197-2205.	0.4	133
33	Discovery and Validation of Cell-Surface Protein Mesothelin (MSLN) As a Novel Therapeutic Target in AML: Results from the COG/NCI Target AML Initiative. Blood, 2016, 128, 2873-2873.	0.6	5
34	Rearrangements in Nucleoporin Family of Genes in Childhood Acute Myeloid Leukemia: A Report from Children Oncology Group and NCI/COG Target AML Initiative. Blood, 2015, 126, 169-169.	0.6	2
35	ASXL1 and ASXL2 Mutations in Childhood AML Are Strongly Associated with t(8;21) but Do Not Independently Impact on Prognosis: A Report from the Children's Oncology Group and NCI/COG Target Initiative. Blood, 2015, 126, 2587-2587.	0.6	1
36	Discovery and Functional Validation of Novel Pediatric Specific FLT3 Activating Mutations in Acute Myeloid Leukemia: Results from the COG/NCI Target Initiative. Blood, 2015, 126, 87-87.	0.6	19

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37	Transcriptome Analysis of Erythroid Cells Cultured from Diamond Blackfan Anemia Patients with Ribosomal and GATA1 Mutations Reveals Dysregulation of Inflammatory Response Genes. Blood, 2015, 126, 3605-3605.	0.6	0
38	Outlier Analysis and Top Scoring Pair for Integrated Data Analysis and Biomarker Discovery. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2014, 11, 520-532.	1.9	17
39	Diamond Blackfan anemia: A Cheshire cat of hematology. Pediatric Blood and Cancer, 2014, 61, 1154-1155.	0.8	0
40	Exploiting preâ€rRNA processing in <scp>D</scp>iamond <scp>B</scp>lackfan anemia gene discovery and diagnosis. American Journal of Hematology, 2014, 89, 985-991.	2.0	53
41	Abstract 5583: Integrative genomic analyses on pediatric acute myeloid leukemia. , 2014, , .		0
42	Diminutive somatic deletions in the 5q region lead to a phenotype atypical of classical 5qâ˜ syndrome. Blood, 2013, 122, 2487-2490.	0.6	14
43	Sensitive quantification of mosaicism using high density SNP arrays and the cumulative distribution function. Molecular Genetics and Metabolism, 2012, 105, 665-671.	0.5	18
44	Abstract LB-93: Demonstration of significant clonal evolution from diagnosis to relapse in childhood AML determined by exome capture sequencing: an NCI/COG TARGET AML study. Cancer Research, 2012, 72, LB-93-LB-93.	0.4	2
45	Identification of Novel Somatic Mutations, Regions of Recurrent Loss of Heterozygosity (LOH) and Significant Clonal Evolution From Diagnosis to Relapse in Childhood AML Determined by Exome Capture Sequencing â€“ an NCI/COG Target AML Study. Blood, 2012, 120, 123-123.	0.6	2
46	Abstract 431: ErbB4 is a novel driver of metastasis and anoikis resistance in Ewing's sarcoma. , 2012, , .		1
47	Untangling the Phenotypic Heterogeneity of Diamond Blackfan Anemia. Seminars in Hematology, 2011, 48, 124-135.	1.8	48
48	Ribosomal protein gene deletions in Diamond-Blackfan anemia. Blood, 2011, 118, 6943-6951.	0.6	121
49	Abstract 2001: 5-Aza-2â€™-deoxycytidine and cytarabine mediate distinct effects on clonogenic growth, genome wide methylation and RNA expression in AML. , 2011, , .		0
50	Ribosomal Protein Genes RPS10 and RPS26 Are Commonly Mutated in Diamond-Blackfan Anemia. American Journal of Human Genetics, 2010, 86, 222-228.	2.6	217
51	Distinct ribosome maturation defects in yeast models of Diamond-Blackfan anemia and Shwachman-Diamond syndrome. Haematologica, 2010, 95, 57-64.	1.7	35
52	WT1 expression at diagnosis does not predict survival in pediatric aml: A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2009, 53, 1136-1139.	0.8	26
53	Stable knockdown of PASG enhances DNA demethylation but does not accelerate cellular senescence in TIG-7 human fibroblasts. Epigenetics, 2008, 3, 281-286.	1.3	15
54	Abnormalities of the large ribosomal subunit protein, Rpl35a, in Diamond-Blackfan anemia. Blood, 2008, 112, 1582-1592.	0.6	208

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55	The E3 ligase HACE1 is a critical chromosome 6q21 tumor suppressor involved in multiple cancers. Nature Medicine, 2007, 13, 1060-1069.	15.2	130
56	Toxic absorption of pimecrolimus in a patient with severe acute graft-versus-host disease. Bone Marrow Transplantation, 2005, 36, 919-920.	1.3	13
57	Neutropenia in X-Linked Agammaglobulinemia. Clinical Immunology and Immunopathology, 1996, 81, 271-276.	2.1	76