

Dinesh S Rao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

8,792
citations

36
h-index

91
g-index

91
ext. papers

9,891
ext. citations

9.8
avg, IF

6.01
L-index

#	Paper	IF	Citations
80	Concordance of Peripheral Blood and Bone Marrow Next-Generation Sequencing in Hematologic Neoplasms.. <i>Advances in Hematology</i> , 2022 , 2022, 8091746	1.5	1
79	Development of Notch1 Positive T-Lineage Lymphomas or Splenic Marginal Zone Lymphomas with Pan-Hematopoietic or Pro-B Cell Specific Deletion of Trp53 with Distinct Differentially Dysregulated Pathways. <i>Blood</i> , 2021 , 138, 2229-2229	2.2	
78	Synergism between IGF2BP1 and ETV6-RUNX1 in the Pathogenesis of ETV6-RUNX1 Positive B-Acute Lymphoblastic Leukaemia. <i>Blood</i> , 2021 , 138, 3483-3483	2.2	
77	The long non-coding RNA overexpression impacts on acute myeloid leukemia differentiation and mitochondrial dynamics. <i>IScience</i> , 2021 , 24, 103350	6.1	2
76	Focused CRISPR-Cas9 genetic screening reveals USO1 as a vulnerability in B-cell acute lymphoblastic leukemia. <i>Scientific Reports</i> , 2021 , 11, 13158	4.9	1
75	NCCN Guidelines Insights: Acute Myeloid Leukemia, Version 2.2021. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2021 , 19, 16-27	7.3	46
74	Microsized inflammaging protects stem cells. <i>Blood</i> , 2020 , 135, 2204-2205	2.2	
73	T Cell-Expressed microRNA-155 Reduces Lifespan in a Mouse Model of Age-Related Chronic Inflammation. <i>Journal of Immunology</i> , 2020 , 204, 2064-2075	5.3	10
72	The RNA Binding Protein IGF2BP3 Is Required for MLL-AF4 Mediated Leukemogenesis. <i>Blood</i> , 2020 , 136, 21-22	2.2	
71	The Long Noncoding RNA BALR2 Controls Novel Transcriptional Circuits Involved in Chemotherapy Sensitivity of Pediatric Acute Myeloid Leukemia (AML) Blasts. <i>Blood</i> , 2019 , 134, 2734-2734	2.2	
70	Overview and Compartmentalization of the Immune System 2018 , 199-209.e1		
69	Wild-type Kras expands and exhausts hematopoietic stem cells. <i>JCI Insight</i> , 2018 , 3,	9.9	10
68	miR-155 promotes FLT3-ITD-induced myeloproliferative disease through inhibition of the interferon response. <i>Blood</i> , 2017 , 129, 3074-3086	2.2	38
67	The lncRNA CASC15 regulates SOX4 expression in RUNX1-rearranged acute leukemia. <i>Molecular Cancer</i> , 2017 , 16, 126	42.1	85
66	Tumor image-derived texture features are associated with CD3 T-cell infiltration status in glioblastoma. <i>Oncotarget</i> , 2017 , 8, 101244-101254	3.3	15
65	Pathology and Molecular Pathology of Hematologic Malignancies 2017 , 571-590		
64	miR-146a modulates autoreactive Th17 cell differentiation and regulates organ-specific autoimmunity. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3702-3716	15.9	84

63	Long noncoding RNAs in hematopoietic malignancies. <i>Briefings in Functional Genomics</i> , 2016 , 15, 227-38	4.9	14
62	Regulation of Marginal Zone B-Cell Differentiation by MicroRNA-146a. <i>Frontiers in Immunology</i> , 2016 , 7, 670	8.4	15
61	RNA-binding protein IGF2BP3 targeting of oncogenic transcripts promotes hematopoietic progenitor proliferation. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1495-511	15.9	68
60	Genome-Wide CRISPR-Cas9 Screen Identifies MicroRNAs That Regulate Myeloid Leukemia Cell Growth. <i>PLoS ONE</i> , 2016 , 11, e0153689	3.7	36
59	Regulation of Marginal Zone B Cell Differentiation By microRNA-146a Via the Numb-Notch Pathway. <i>Blood</i> , 2016 , 128, 3701-3701	2.2	
58	MiR-155 Promotes FLT3-ITD-Induced Myeloproliferative Disease through Inhibition of Interferon Signaling. <i>Blood</i> , 2016 , 128, 2853-2853	2.2	0
57	Molecular Characterization of Long Non-Coding RNA CASC15 in Leukemogenesis. <i>Blood</i> , 2016 , 128, 5103-5103	2.2	0
56	BALR-6 regulates cell growth and cell survival in B-lymphoblastic leukemia. <i>Molecular Cancer</i> , 2015 , 14, 214	42.1	21
55	LncRNA Expression Discriminates Karyotype and Predicts Survival in B-Lymphoblastic Leukemia. <i>Molecular Cancer Research</i> , 2015 , 13, 839-51	6.6	67
54	MicroRNA-146a modulates B-cell oncogenesis by regulating Egr1. <i>Oncotarget</i> , 2015 , 6, 11023-37	3.3	32
53	Genome-Wide Crispr-Cas9 Screen Identifies Functionally Relevant Micro-RNAs in FLT3-ITD+ AML. <i>Blood</i> , 2015 , 126, 3823-3823	2.2	
52	Identification of Novel Mir-34a Targets in a c-Myc Murine Model. <i>Blood</i> , 2015 , 126, 4826-4826	2.2	
51	Characterizing the Function of an RNA Binding Protein, IGF2BP3, in Hematopoiesis. <i>Blood</i> , 2015 , 126, 3664-3664	2.2	
50	Vectored immunoprophylaxis protects humanized mice from mucosal HIV transmission. <i>Nature Medicine</i> , 2014 , 20, 296-300	50.5	172
49	miR-155 promotes T follicular helper cell accumulation during chronic, low-grade inflammation. <i>Immunity</i> , 2014 , 41, 605-19	32.3	121
48	miRNA dysregulation in cancer: towards a mechanistic understanding. <i>Frontiers in Genetics</i> , 2014 , 5, 54	4.5	88
47	Myeloid malignancies with chromosome 5q deletions acquire a dependency on an intrachromosomal NF- κ B gene network. <i>Cell Reports</i> , 2014 , 8, 1328-38	10.6	46
46	Conversion of Danger Signals into Cytokine Signals By Hematopoietic Stem and Progenitor Cells for Regulation of Stress-Induced Hematopoiesis. <i>Blood</i> , 2014 , 124, 2916-2916	2.2	

45	Broad protection against influenza infection by vectored immunoprophylaxis in mice. <i>Nature Biotechnology</i> , 2013 , 31, 647-52	44.5	88
44	A case of pediatric B-Lymphoblastic leukemia presenting with a t(9;12)(p24;q11.2) involving JAK2 and concomitant MLL rearrangement with apparent insertion at 6q27. <i>Biomarker Research</i> , 2013 , 1, 31	8	4
43	MicroRNA-34b promoter hypermethylation induces CREB overexpression and contributes to myeloid transformation. <i>Haematologica</i> , 2013 , 98, 602-10	6.6	40
42	The CD44(high) tumorigenic subsets in lung cancer biospecimens are enriched for low miR-34a expression. <i>PLoS ONE</i> , 2013 , 8, e73195	3.7	19
41	MicroRNA-146a acts as a guardian of the quality and longevity of hematopoietic stem cells in mice. <i>ELife</i> , 2013 , 2, e00537	8.9	106
40	Role Of Insulin Like Growth Factor mRNA Binding Protein-3 (IGF2BP3) In Mixed Lineage Leukemia (MLL) Positive B-Cell Lymphomas. <i>Blood</i> , 2013 , 122, 3816-3816	2.2	
39	SQSTM1/p62 Is a Necessary Cofactor In MDS/AML With Deletion Of Mir-146a. <i>Blood</i> , 2013 , 122, 747-747	2.2	
38	Characterization of lincRNA BALIR-6 in MLL rearranged B-lymphoblastic leukemia. <i>Blood</i> , 2013 , 122, 3730-3730		
37	Defining The Role Of MicroRNA-146a In B Cell Lymphomagenesis. <i>Blood</i> , 2013 , 122, 3805-3805	2.2	
36	LincRNA Expression Discriminates Cytogenetic Subtypes In B-Lymphoblastic Leukemia and Plays a Functional Role In Leukemia Cell Survival. <i>Blood</i> , 2013 , 122, 2570-2570	2.2	
35	Inhibitory effect of HIV-specific neutralizing IgA on mucosal transmission of HIV in humanized mice. <i>Blood</i> , 2012 , 120, 4571-82	2.2	67
34	MicroRNAs in B cell development and malignancy. <i>Journal of Hematology and Oncology</i> , 2012 , 5, 7	22.4	62
33	Oncomir miR-125b regulates hematopoiesis by targeting the gene Lin28A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 4233-8	11.5	128
32	MicroRNAs in inflammation and immune responses. <i>Leukemia</i> , 2012 , 26, 404-13	10.7	153
31	microRNA regulation of inflammatory responses. <i>Annual Review of Immunology</i> , 2012 , 30, 295-312	34.7	672
30	Single Cell Proteomics Reveals Novel Cytokine-Producing Function of Hematopoietic Stem and Progenitor Cells. <i>Blood</i> , 2012 , 120, 26-26	2.2	0
29	Antibody-based protection against HIV infection by vectored immunoprophylaxis. <i>Nature</i> , 2011 , 481, 81-4	50.4	407
28	MicroRNA function in myeloid biology. <i>Blood</i> , 2011 , 118, 2960-9	2.2	128

27	miR-146a is a significant brake on autoimmunity, myeloproliferation, and cancer in mice. <i>Journal of Experimental Medicine</i> , 2011 , 208, 1189-201	16.6	658
26	NF-kappaB dysregulation in microRNA-146a-deficient mice drives the development of myeloid malignancies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 9184-9	11.5	306
25	miR-146a is a significant brake on autoimmunity, myeloproliferation, and cancer in mice. <i>Journal of Cell Biology</i> , 2011 , 193, i10-i10	7.3	
24	MicroRNA-146a Deficiency Leads to Increased Myeloid Cell Proliferation and Activation. <i>Blood</i> , 2011 , 118, 2815-2815	2.2	
23	Physiological and pathological roles for microRNAs in the immune system. <i>Nature Reviews Immunology</i> , 2010 , 10, 111-22	36.5	1185
22	Lentiviral vector delivery of human interleukin-7 (hIL-7) to human immune system (HIS) mice expands T lymphocyte populations. <i>PLoS ONE</i> , 2010 , 5, e12009	3.7	44
21	MicroRNAs enriched in hematopoietic stem cells differentially regulate long-term hematopoietic output. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 14235-40	11.5	222
20	MicroRNA-155 promotes autoimmune inflammation by enhancing inflammatory T cell development. <i>Immunity</i> , 2010 , 33, 607-19	32.3	688
19	MicroRNA-34a perturbs B lymphocyte development by repressing the forkhead box transcription factor Foxp1. <i>Immunity</i> , 2010 , 33, 48-59	32.3	190
18	Inositol phosphatase SHIP1 is a primary target of miR-155. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 7113-8	11.5	644
17	MicroRNAs: new regulators of immune cell development and function. <i>Nature Immunology</i> , 2008 , 9, 839-45	45.1	905
16	Sustained expression of microRNA-155 in hematopoietic stem cells causes a myeloproliferative disorder. <i>Journal of Experimental Medicine</i> , 2008 , 205, 585-94	16.6	597
15	Megakaryocytic blast crisis as a presenting manifestation of chronic myeloid leukemia. <i>Leukemia Research</i> , 2008 , 32, 1770-5	2.7	15
14	Sustained expression of microRNA-155 in hematopoietic stem cells causes a myeloproliferative disorder. <i>Journal of Cell Biology</i> , 2008 , 180, i15-i15	7.3	0
13	Small lymphoid proliferations in extranodal locations. <i>Archives of Pathology and Laboratory Medicine</i> , 2007 , 131, 383-96	5	13
12	MicroRNA-155 Promotes Myeloid Proliferation and Is Overexpressed in Acute Myeloid Leukemia.. <i>Blood</i> , 2007 , 110, 715-715	2.2	
11	Primary extranodal nasal-type natural killer/T-cell lymphoma of the brain: a case report. <i>Human Pathology</i> , 2006 , 37, 769-72	3.7	40
10	An inverse relation between COX-2 and E-cadherin expression correlates with aggressive histologic features in prostate cancer. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2006 , 14, 375-83	1.9	17

9	Computed tomography calcium quantification as a measure of atherosclerotic plaque morphology and stability. <i>Investigative Radiology</i> , 2006 , 41, 674-80	10.1	31
8	Cough-induced hemiplegic migraine with impaired consciousness in cystic fibrosis. <i>Pediatric Pulmonology</i> , 2006 , 41, 171-6	3.5	4
7	Determinants of plaque instability in atherosclerotic vascular disease. <i>Cardiovascular Pathology</i> , 2005 , 14, 285-93	3.8	35
6	HIP1 and HIP1r stabilize receptor tyrosine kinases and bind 3-phosphoinositides via epsin N-terminal homology domains. <i>Journal of Biological Chemistry</i> , 2004 , 279, 14294-306	5.4	58
5	Huntingtin Interacting Protein 1 mutations lead to abnormal hematopoiesis, spinal defects and cataracts. <i>Human Molecular Genetics</i> , 2004 , 13, 851-67	5.6	31
4	Altered receptor trafficking in Huntingtin Interacting Protein 1-transformed cells. <i>Cancer Cell</i> , 2003 , 3, 471-82	24.3	81
3	Huntingtin-interacting protein 1 is overexpressed in prostate and colon cancer and is critical for cellular survival. <i>Journal of Clinical Investigation</i> , 2002 , 110, 351-360	15.9	70
2	Huntingtin-interacting protein 1 is overexpressed in prostate and colon cancer and is critical for cellular survival. <i>Journal of Clinical Investigation</i> , 2002 , 110, 351-60	15.9	42
1	Huntingtin interacting protein 1 is a clathrin coat binding protein required for differentiation of late spermatogenic progenitors. <i>Molecular and Cellular Biology</i> , 2001 , 21, 7796-806	4.8	66