Rajeev Gupta

List of Publications by Year
in descending order

39 papers	2,282 citations	361413 20 h-index	302126 39 g-index
43 all docs	43 docs citations	43 times ranked	3465 citing authors

#	Article	IF	Citations
1	Mutations in the homeobox gene HESX1/Hesx1 associated with septo-optic dysplasia in human and mouse. Nature Genetics, 1998, 19, 125-133.	21.4	719
2	Initiating and Cancer-Propagating Cells in TEL-AML1 -Associated Childhood Leukemia. Science, 2008, 319, 336-339.	12.6	360
3	Connecting Variability in Global Transcription Rate to Mitochondrial Variability. PLoS Biology, 2010, 8, e1000560.	5.6	115
4	NOV (CCN3) Functions as a Regulator of Human Hematopoietic Stem or Progenitor Cells. Science, 2007, 316, 590-593.	12.6	112
5	Long COVID following Mild SARS-CoV-2 Infection: Characteristic T Cell Alterations and Response to Antihistamines. Journal of Investigative Medicine, 2022, 70, 61-67.	1.6	100
6	Molecular Signatures of Self-Renewal, Differentiation, and Lineage Choice in Multipotential Hemopoietic Progenitor Cells In Vitro. Molecular and Cellular Biology, 2004, 24, 741-756.	2.3	87
7	Isoform-Specific Potentiation of Stem and Progenitor Cell Engraftment by AML1/RUNX1. PLoS Medicine, 2007, 4, e172.	8.4	71
8	Tel1/ETV6 Specifies Blood Stem Cells through the Agency of VEGF Signaling. Developmental Cell, 2010, 18, 569-578.	7.0	47
9	DNA methylation-independent loss of RARA gene expression in acute myeloid leukemia. Blood, 2008, 111, 2374-2377.	1.4	46
10	The Tetraspanin CD9 Affords High-Purity Capture of All Murine Hematopoietic Stem Cells. Cell Reports, 2013, 4, 642-648.	6.4	42
11	HESX1: a novel gene implicated in a familial form of septoâ€optic dysplasia. Acta Paediatrica, International Journal of Paediatrics, 1999, 88, 49-54.	1.5	36
12	Somatostatin receptor 2 expression in nasopharyngeal cancer is induced by Epstein Barr virus infection: impact on prognosis, imaging and therapy. Nature Communications, 2021, 12, 117.	12.8	34
13	Thrombocytosis With Sideroblastic Erythropoiesis: A Mixed Myeloproliferative Myelodysplastic Syndrome. Leukemia and Lymphoma, 1999, 34, 615-619.	1.3	32
14	Detection of LIM domain only 2 (LMO2) in normal human tissues and haematopoietic and nonâ€haematopoietic tumours using a newly developed rabbit monoclonal antibody. Histopathology, 2012, 61, 33-46.	2.9	32
15	Receptor tyrosine kinase mutations in myeloid neoplasms. British Journal of Haematology, 2002, 117, 489-508.	2.5	31
16	The NLRR gene family and mouse development: Modified differential display PCR identifies NLRR-1 as a gene expressed in early somitic myoblasts. Developmental Biology, 2005, 281, 145-159.	2.0	31
17	EZH2-Deficient T-cell Acute Lymphoblastic Leukemia Is Sensitized to CHK1 Inhibition through Enhanced Replication Stress. Cancer Discovery, 2020, 10, 998-1017.	9.4	29
18	SARS-CoV-2 antibody responses in patients with acute leukaemia. Leukemia, 2021, 35, 289-292.	7.2	26

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19	Chemotherapy induces canalization of cell state in childhood B-cell precursor acute lymphoblastic leukemia. Nature Cancer, 2021, 2, 835-852.	13.2	25
20	High prevalence of the MYD88 L265P mutation in IgM anti-MAG paraprotein-associated peripheral neuropathy. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1007-1009.	1.9	24
21	Hypoxic adaptation of leukemic cells infiltrating the CNS affords a therapeutic strategy targeting VEGFA. Blood, 2017, 129, 3126-3129.	1.4	23
22	Increased Complement Receptor-3 levels in monocytes and granulocytes distinguish COVID-19 patients with pneumonia from those with mild symptoms. International Journal of Infectious Diseases, 2020, 99, 381-385.	3.3	23
23	Cytogenetic and Molecular Genetic Abnormalities in Systemic Mastocytosis. Acta Haematologica, 2002, 107, 123-128.	1.4	20
24	A somatic mutation of GFI1B identified in leukemia alters cell fate via a SPI1 (PU.1) centered genetic regulatory network. Developmental Biology, 2016, 411, 277-286.	2.0	20
25	Prolonged intracellular accumulation of light-inducible nanoparticles in leukemia cells allows their remote activation. Nature Communications, 2017, 8, 15204.	12.8	20
26	Molecular Targeting of Cancer Stem Cells. Cell Stem Cell, 2009, 5, 125-126.	11.1	18
27	Nov/CCN3 Enhances Cord Blood Engraftment by Rapidly Recruiting Latent Human Stem Cell Activity. Cell Stem Cell, 2020, 26, 527-541.e8.	11.1	18
28	Identification of the chemokine CCL28 as a growth and survival factor for human hematopoietic stem and progenitor cells. Blood, 2013, 121, 3838-3842.	1.4	17
29	Successful remission induction therapy with gilteritinib in a patient with de novo FLT3â€mutated acute myeloid leukaemia and severe COVIDâ€19. British Journal of Haematology, 2020, 190, e189-e191.	2.5	17
30	Molecular Genetics of Septo-Optic Dysplasia. Hormone Research in Paediatrics, 2000, 53, 26-33.	1.8	15
31	Myelofibrosis presenting as spinal cord compression. Journal of Clinical Pathology, 2003, 56, 154-156.	2.0	13
32	Isolation of developmentally regulated genes by differential display screening of cDNA libraries. Nucleic Acids Research, 1998, 26, 4538-4539.	14.5	11
33	CD1a is rarely expressed in pediatric or adult relapsed/refractory T-ALL: implications for immunotherapy. Blood Advances, 2020, 4, 4665-4668.	5.2	11
34	Validating the RedMIT/GFP-LC3 Mouse Model by Studying Mitophagy in Autosomal Dominant Optic Atrophy Due to the OPA1Q285STOP Mutation. Frontiers in Cell and Developmental Biology, 2018, 6, 103.	3.7	10
35	Stem cell programs are retained in human leukemic lymphoblasts. Oncogene, 2015, 34, 2083-2093.	5.9	7
36	IgM paraproteinâ€associated peripheral neuropathy: small CD20â€positive Bâ€cell clones may predict a monoclonal gammopathy of neurological significance and rituximab responsiveness. British Journal of Haematology, 2020, 188, 511-515.	2.5	5

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37	Developmental Impact of Leukemic Fusion Genes on Stem Cell Fate. Annals of the New York Academy of Sciences, 2005, 1044, 16-23.	3.8	1
38	Megakaryocytes, erythropoietic and granulopoietic cells express CAL2 antibody in myeloproliferative neoplasms carrying CALR gene mutations. International Journal of Experimental Pathology, 2021, 102, 45-50.	1.3	1
39	Gilteritinib monotherapy as a transplant bridging option for high risk FLT3-mutated AML with t(6;9)(p23;q34.1);DEK-NUP214 in morphological but not cytogenetic or molecular remission following standard induction chemotherapy. Leukemia Research Reports, 2022, 17, 100291.	0.4	1