Robert L Bowman

List of Publications by Year
in descending order

38	7,236	186265	361022
papers	citations	28 h-index	35 g-index

43	43	43	13477
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasmacytoid dendritic cell expansion defines a distinct subset of RUNX1-mutated acute myeloid leukemia. Blood, 2021, 137, 1377-1391.	1.4	51
2	UVB mutagenesis differs in Nras- and Braf-mutant mouse models of melanoma. Life Science Alliance, 2021, 4, e202101135.	2.8	8
3	An integrated pipeline for comprehensive analysis of immune cells in human brain tumor clinical samples. Nature Protocols, 2021, 16, 4692-4721.	12.0	7
4	Compensatory CSF2-driven macrophage activation promotes adaptive resistance to CSF1R inhibition in breast-to-brain metastasis. Nature Cancer, 2021, 2, 1086-1101.	13.2	39
5	Multi-Recombinase Mouse Models of Flt3-Driven Leukemia Identifies Distinct Trajectories of Mutational Cooperativity and Leukemic Transformation. Blood, 2021, 138, 2220-2220.	1.4	0
6	Clonotype-Immunophenotype Relationships in TET2 and IDH-Mutant Myeloid Transformation. Blood, 2021, 138, 373-373.	1.4	0
7	3004 â€“ GENETIC APPROACHES FOR MODELING SUBCLONAL MUTATIONS IN ACUTE MYELOID LEUKEMIA. Experimental Hematology, 2021, 100, S45.	0.4	0
8	Evaluating Clonal Hematopoiesis in Tumor-Infiltrating Leukocytes in Breast Cancer and Secondary Hematologic Malignancies. Journal of the National Cancer Institute, 2020, 112, 107-110.	6.3	10
9	Dynamic changes in glioma macrophage populations after radiotherapy reveal CSF-1R inhibition as a strategy to overcome resistance. Science Translational Medicine, 2020, 12, .	12.4	170
10	PRMT5 Inhibition Modulates E2F1 Methylation and Gene-Regulatory Networks Leading to Therapeutic Efficacy in JAK2V617F-Mutant MPN. Cancer Discovery, 2020, 10, 1742-1757.	9.4	55
11	Single-cell mutation analysis of clonal evolution in myeloid malignancies. Nature, 2020, 587, 477-482.	27.8	304
12	A JAK2/IDH1-mutant MPN clone unmasked by ivosidenib in an AML patient without antecedent MPN. Blood Advances, 2020, 4, 6034-6038.	5.2	4
13	Interrogation of the Microenvironmental Landscape in Brain Tumors Reveals Disease-Specific Alterations of Immune Cells. Cell, 2020, 181, 1643-1660.e17.	28.9	554
14	Microglia promote glioblastoma via mTORâ€mediated immunosuppression of the tumour microenvironment. EMBO Journal, 2020, 39, e103790.	7.8	77
15	Cohesin Members Stag1 and Stag2 Display Distinct Roles in Chromatin Accessibility and Topological Control of HSC Self-Renewal and Differentiation. Cell Stem Cell, 2019, 25, 682-696.e8.	11.1	106
16	Single Cell DNA Sequencing Identifies Combinatorial Mutation Patterns and Clonal Architecture in Myeloid Malignancies. Blood, 2019, 134, 913-913.	1.4	1
17	Stag2 Regulates Hematopoietic Differentiation and Self-Renewal through Alterations in Gene Expression and Topological Control. Blood, 2019, 134, 279-279.	1.4	0
18	Clonal Hematopoiesis and Evolution to Hematopoietic Malignancies. Cell Stem Cell, 2018, 22, 157-170.	11.1	345

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19	Genetic and epigenetic evolution as a contributor to WT1-mutant leukemogenesis. Blood, 2018, 132, 1265-1278.	1.4	39
20	Underlying Causes and Therapeutic Targeting of the Inflammatory Tumor Microenvironment. Frontiers in Cell and Developmental Biology, 2018, 6, 56.	3.7	54
21	Adipocyte-Derived Lipids Mediate Melanoma Progression via FATP Proteins. Cancer Discovery, 2018, 8, 1006-1025.	9.4	248
22	Evolution of Cancer Stem-like Cells in Endocrine-Resistant Metastatic Breast Cancers Is Mediated by Stromal Microvesicles. Cancer Research, 2017, 77, 1927-1941.	0.9	112
23	TET2 in Normal and Malignant Hematopoiesis. Cold Spring Harbor Perspectives in Medicine, 2017, 7, a026518.	6.2	69
24	Microenvironment-derived factors driving metastatic plasticity in melanoma. Nature Communications, 2017, 8, 14343.	12.8	119
25	Epigenetic Identity in AML Depends on Disruption of Nonpromoter Regulatory Elements and Is Affected by Antagonistic Effects of Mutations in Epigenetic Modifiers. Cancer Discovery, 2017, 7, 868-883.	9.4	101
26	Jak1 Integrates Cytokine Sensing to Regulate Hematopoietic Stem Cell Function and Stress Hematopoiesis. Cell Stem Cell, 2017, 21, 489-501.e7.	11.1	58
27	GlioVis data portal for visualization and analysis of brain tumor expression datasets. Neuro-Oncology, 2017, 19, 139-141.	1.2	622
28	The tumor microenvironment underlies acquired resistance to CSF-1R inhibition in gliomas. Science, 2016, 352, aad3018.	12.6	477
29	Macrophage Ontogeny Underlies Differences in Tumor-Specific Education in Brain Malignancies. Cell Reports, 2016, 17, 2445-2459.	6.4	450
30	STAT3 and STAT6 Signaling Pathways Synergize to Promote Cathepsin Secretion from Macrophages via IRE1Î± Activation. Cell Reports, 2016, 16, 2914-2927.	6.4	125
31	Deconvoluting hepatic processing of carbon nanotubes. Nature Communications, 2016, 7, 12343.	12.8	42
32	Combined deletion of cathepsin protease family members reveals compensatory mechanisms in cancer. Genes and Development, 2016, 30, 220-232.	5.9	50
33	Self-renewal of CD133hi cells by IL6/Notch3 signalling regulates endocrine resistance in metastatic breast cancer. Nature Communications, 2016, 7, 10442.	12.8	144
34	Therapeutic targeting of tumor-associated macrophages and microglia in glioblastoma. Immunotherapy, 2014, 6, 663-666.	2.0	37
35	Analysis of tumour- and stroma-supplied proteolytic networks reveals a brain-metastasis-promoting role forÂcathepsin S. Nature Cell Biology, 2014, 16, 876-888.	10.3	300
36	Human iPSC-Based Modeling of Late-Onset Disease via Progerin-Induced Aging. Cell Stem Cell, 2013, 13, 691-705.	11.1	613

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37	CSF-1R inhibition alters macrophage polarization and blocks glioma progression. Nature Medicine, 2013, 19, 1264-1272.	30.7	1,812
38	eIF2Î± Kinases Control Chalone Production in Dictyostelium discoideum. Eukaryotic Cell, 2011, 10, 494-501.	3.4	9