David Redmond

List of Publications by Year
in descending order

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56	3,416	257450	223800
papers	citations	24 h-index	46 g-index

60	60	60	6639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Human Pluripotent Stem Cell-based Platform to Study SARS-CoV-2 Tropism and Model Virus Infection in Human Cells and Organoids. Cell Stem Cell, 2020, 27, 125-136.e7.	11.1	543
2	Identification of SARS-CoV-2 inhibitors using lung and colonic organoids. Nature, 2021, 589, 270-275.	27.8	389
3	ILC2s amplify PD-1 blockade by activating tissue-specific cancer immunity. Nature, 2020, 579, 130-135.	27.8	229
4	Blockade of the AHR restricts a Treg-macrophage suppressive axis induced by L-Kynurenine. Nature Communications, 2020, 11, 4011.	12.8	198
5	Conversion of adult endothelium to immunocompetent haematopoietic stem cells. Nature, 2017, 545, 439-445.	27.8	191
6	Adaptable haemodynamic endothelial cells for organogenesis and tumorigenesis. Nature, 2020, 585, 426-432.	27.8	145
7	Deep Sequencing of T-cell Receptor DNA as a Biomarker of Clonally Expanded TILs in Breast Cancer after Immunotherapy. Cancer Immunology Research, 2016, 4, 835-844.	3.4	138
8	EZH2 enables germinal centre formation through epigenetic silencing of CDKN1A and an Rb-E2F1 feedback loop. Nature Communications, 2017, 8, 877.	12.8	132
9	Hyperglycemia in acute COVID-19 is characterized by insulin resistance and adipose tissue infectivity by SARS-CoV-2. Cell Metabolism, 2021, 33, 2174-2188.e5.	16.2	127
10	Pluripotent stem cell-derived epithelium misidentified as brain microvascular endothelium requires ETS factors to acquire vascular fate. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	119
11	Epigenomic evolution in diffuse large B-cell lymphomas. Nature Communications, 2015, 6, 6921.	12.8	111
12	Single-cell TCRseq: paired recovery of entire T-cell alpha and beta chain transcripts in T-cell receptors from single-cell RNAseq. Genome Medicine, 2016, 8, 80.	8.2	107
13	DNA Methylation Dynamics of Germinal Center B Cells Are Mediated by AID. Cell Reports, 2015, 12, 2086-2098.	6.4	87
14	Molecular determinants of nephron vascular specialization in the kidney. Nature Communications, 2019, 10, 5705.	12.8	83
15	Deep sequencing reveals clonal evolution patterns and mutation events associated with relapse in B-cell lymphomas. Genome Biology, 2014, 15, 432.	8.8	71
16	Inflammatory responses in the placenta upon SARS-CoV-2 infection late in pregnancy. IScience, 2022, 25, 104223.	4.1	58
17	Disulfiram inhibits neutrophil extracellular trap formation and protects rodents from acute lung injury and SARS-CoV-2 infection. JCI Insight, 2022, 7, .	5.0	54
18	AICDA drives epigenetic heterogeneity and accelerates germinal center-derived lymphomagenesis. Nature Communications, 2018, 9, 222.	12.8	51

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19	Pulsatile MEK Inhibition Improves Anti-tumor Immunity and T Cell Function in Murine Kras Mutant Lung Cancer. Cell Reports, 2019, 27, 806-819.e5.	6.4	51
20	An Immuno-Cardiac Model for Macrophage-Mediated Inflammation in COVID-19 Hearts. Circulation Research, 2021, 129, 33-46.	4.5	40
21	Reversal of emphysema by restoration of pulmonary endothelial cells. Journal of Experimental Medicine, 2021, 218, .	8.5	37
22	Cardiomyocytes recruit monocytes upon SARS-CoV-2 infection by secretingÂCCL2. Stem Cell Reports, 2021, 16, 2274-2288.	4.8	37
23	Human Induced Pluripotent Stem Cell-Derived Brain Endothelial Cells: Current Controversies. Frontiers in Physiology, 2021, 12, 642812.	2.8	33
24	In situ vaccination with defined factors overcomes T cell exhaustion in distant tumors. Journal of Clinical Investigation, 2019, 129, 3435-3447.	8.2	33
25	Specification of fetal liver endothelial progenitors to functional zonated adult sinusoids requires c-Maf induction. Cell Stem Cell, 2022, 29, 593-609.e7.	11.1	32
26	SATB2 preserves colon stem cell identity and mediates ileum-colon conversion via enhancer remodeling. Cell Stem Cell, 2022, 29, 101-115.e10.	11.1	31
27	Integrative multiplatform molecular profiling of benign prostatic hyperplasia identifies distinct subtypes. Nature Communications, 2020, 11, 1987.	12.8	29
28	Comparison of Human Antral Follicles of Xenograft versus Ovarian Origin Reveals Disparate Molecular Signatures. Cell Reports, 2020, 32, 108027.	6.4	21
29	T-cell receptor (TCR) DNA deep sequencing to evaluate clonality of tumor-infiltrating lymphocytes (TILs) in early-stage breast cancer patients (pts) receiving preoperative cryoablation (cryo) and/or ipilimumab (ipi).. Journal of Clinical Oncology, 2014, 32, 3021-3021.	1.6	20
30	Brain radiotherapy, tremelimumab-mediated CTLA-4-directed blockade +/â˜' trastuzumab in patients with breast cancer brain metastases. Npj Breast Cancer, 2022, 8, 50.	5.2	17
31	Endothelial deletion of ADAM10, a key regulator of Notch signaling, causes impaired decidualization and reduced fertility in female mice. Angiogenesis, 2020, 23, 443-458.	7.2	15
32	Association of T-Cell Receptor Repertoire Use With Response to Combined Trastuzumab-Lapatinib Treatment of HER2-Positive Breast Cancer. JAMA Oncology, 2018, 4, e181564.	7.1	13
33	Wnt inhibition promotes vascular specification of embryonic cardiac progenitors. Development (Cambridge), 2018, 145, .	2.5	10
34	Calreticulin mutant myeloproliferative neoplasms induce MHC-I skewing, which can be overcome by an optimized peptide cancer vaccine. Science Translational Medicine, 2022, 14, .	12.4	10
35	Endothelial Jak3 expression enhances pro-hematopoietic angiocrine function in mice. Communications Biology, 2021, 4, 406.	4.4	9
36	Mutation landscape, clonal evolution pattern, and potential pathogenic pathways in B-lymphoblastic transformation of follicular lymphoma. Leukemia, 2021, 35, 1203-1208.	7.2	8

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37	Tumor-induced double positive T cells display distinct lineage commitment mechanisms and functions. Journal of Experimental Medicine, 2022, 219, .	8.5	8
38	VDJ-Seq: Deep Sequencing Analysis of Rearranged Immunoglobulin Heavy Chain Gene to Reveal Clonal Evolution Patterns of B Cell Lymphoma. Journal of Visualized Experiments, 2015, , e53215.	0.3	7
39	Lung lymphatic thrombosis and dysfunction caused by cigarette smoke exposure precedes emphysema in mice. Scientific Reports, 2022, 12, 5012.	3.3	7
40	Exploring tumor clonal evolution in bone marrow of patients with diffuse large B-cell lymphoma by deep IGH sequencing and its potential relevance in relapse. Blood Cancer Journal, 2019, 9, 69.	6.2	4
41	Epigenomic Evolution In Diffuse Large B-Cell Lymphomas. Blood, 2013, 122, 634-634.	1.4	2
42	Conversion of adult endothelium into immune-competent haematopoietic stem cells. Experimental Hematology, 2017, 53, S82.	0.4	1
43	Single-Cell Characterization of the HSC-Supportive Bone Marrow Vascular Microenvironment. Blood, 2018, 132, 2577-2577.	1.4	1
44	Fli-1 Transcriptionally Integrates Microenvironmental Cues Sensing By Self-Renewing Hematopoietic Stem and Progenitor Cells. Blood, 2019, 134, 725-725.	1.4	1
45	Deep Sequencing Reveals Clonal Evolution Patterns and Mutation Events Associated With Relapse In B Cell Lymphomas. Blood, 2013, 122, 79-79.	1.4	1
46	Demethylase Activity of Aid during Germinal Center B Cell Maturation Could Contribute to Lymphomagenesis. Blood, 2014, 124, 59-59.	1.4	1
47	AICDA Introduces Epigenetic Plasticity in Germinal Center-Derived Lymphomas and Accelerates Lymphomagenesis. Blood, 2016, 128, 1045-1045.	1.4	1
48	Abstract P2-15-01: Integrated immunologic assessment of tumor infiltrating lymphocytes (TILs) and peripheral blood to assess synergy of cryoablation (cryo) plus ipilimumab (ipi) in early stage breast cancer (ESBC) patients (pts). , 2015, , .		1
49	T Cell Immunotherapies Trigger Neutrophil Activation to Eliminate Tumor Antigen Escape Variants. SSRN Electronic Journal, 0, , .	0.4	1
50	Abstract 3183: Deep-sequencing reveals distinct clonal evolution patterns of DLBCL relapse and identifies mutant MLL2 as potential early driver.. , 2013, , .		0
51	EBV Microrna Mir-BHRF1-2 Targets PRDM1/Blimp1: Potential Role in EBV Lymphomagenesis. Blood, 2014, 124, 3547-3547.	1.4	0
52	Abstract IA34: Mapping immune recognition of non-self neoantigens in human pancreatic cancer. , 2019, , .		0
53	Abstract 923: Pulsatile MEK inhibition improves anti-tumor immunity and T cell function in Kras mutant lung cancer. , 2020, , .		0
54	99â€…T cell immunotherapies trigger neutrophil activation to eliminate tumor antigen escape variants. , 2021, 9, A108-A108.		0

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55	549â€…Characterizing double positive T cells in the tumor microenvironment: a tale of promiscuous cell fates. , 2020, , .		0
56	444â€…MHC-I skewing in mutant calreticulin-positive myeloproliferative neoplasms is countered by heteroclitic peptide cancer vaccination. , 2020, , .		0