

# Rachael J M Bashford-Rogers

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,985  
citations

361413  
20  
h-index

414414  
32  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clonally expanded B cells in multiple sclerosis bind EBV EBNA1 and GialCAM. <i>Nature</i> , 2022, 603, 321-327.	27.8	343
2	Transmission and evolution of the Middle East respiratory syndrome coronavirus in Saudi Arabia: a descriptive genomic study. <i>Lancet</i> , The, 2013, 382, 1993-2002.	13.7	282
3	Analysis of the B cell receptor repertoire in six immune-mediated diseases. <i>Nature</i> , 2019, 574, 122-126.	27.8	178
4	Network properties derived from deep sequencing of human B-cell receptor repertoires delineate B-cell populations. <i>Genome Research</i> , 2013, 23, 1874-1884.	5.5	128
5	An immunodominant NP105â€™113-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. <i>Nature Immunology</i> , 2022, 23, 50-61.	14.5	110
6	The Genomic and Immune Landscapes of Lethal Metastatic Breast Cancer. <i>Cell Reports</i> , 2019, 27, 2690-2708.e10.	6.4	95
7	Unraveling the cellular origin and clinical prognostic markers of infant B-cell acute lymphoblastic leukemia using genome-wide analysis. <i>Haematologica</i> , 2019, 104, 1176-1188.	3.5	76
8	Distinctive binding properties of human monoclonal LGI1 autoantibodies determine pathogenic mechanisms. <i>Brain</i> , 2020, 143, 1731-1745.	7.6	74
9	Capturing needles in haystacks: a comparison of B-cell receptor sequencing methods. <i>BMC Immunology</i> , 2014, 15, 29.	2.2	62
10	Epstein-Barr virus nuclear protein EBNA3C directly induces expression of AID and somatic mutations in B cells. <i>Journal of Experimental Medicine</i> , 2016, 213, 921-928.	8.5	60
11	Antibody repertoire analysis in polygenic autoimmune diseases. <i>Immunology</i> , 2018, 155, 3-17.	4.4	60
12	Early loss of Crebbp confers malignant stem cell properties on lymphoid progenitors. <i>Nature Cell Biology</i> , 2017, 19, 1093-1104.	10.3	58
13	Eye on the B-ALL: B-cell receptor repertoires reveal persistence of numerous B-lymphoblastic leukemia subclones from diagnosis to relapse. <i>Leukemia</i> , 2016, 30, 2312-2321.	7.2	47
14	The B cell immunobiology that underlies CNS autoantibody-mediated diseases. <i>Nature Reviews Neurology</i> , 2020, 16, 481-492.	10.1	47
15	Dynamic regulation of hypoxia-inducible factor-1Î± activity is essential for normal B cell development. <i>Nature Immunology</i> , 2020, 21, 1408-1420.	14.5	40
16	Genetic modification of primary human B cells to model high-grade lymphoma. <i>Nature Communications</i> , 2019, 10, 4543.	12.8	36
17	Molecular Evolution of Broadly Neutralizing Llama Antibodies to the CD4-Binding Site of HIV-1. <i>PLoS Pathogens</i> , 2014, 10, e1004552.	4.7	34
18	Dynamics of immunoglobulin sequence diversity in HIV-1 infected individuals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140241.	4.0	33

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19	Pre/pro-B cells generate macrophage populations during homeostasis and inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3954-E3963.	7.1	32
20	B cell receptor repertoire kinetics after SARS-CoV-2 infection and vaccination. Cell Reports, 2022, 38, 110393.	6.4	29
21	Natural history and cell of origin of TCF3-ZNF384 and PTPN11 mutations in monozygotic twins with concordant BCP-ALL. Blood, 2019, 134, 900-905.	1.4	25
22	Activated Regulatory T-Cells, Dysfunctional and Senescent T-Cells Hinder the Immunity in Pancreatic Cancer. Cancers, 2021, 13, 1776.	3.7	24
23	Combined Influence of B-Cell Receptor Rearrangement and Somatic Hypermutation on B-Cell Class-Switch Fate in Health and in Chronic Lymphocytic Leukemia. Frontiers in Immunology, 2018, 9, 1784.	4.8	22
24	Using de novo assembly to identify structural variation of eight complex immune system gene regions. PLoS Computational Biology, 2021, 17, e1009254.	3.2	22
25	Fc $\gamma$ R1b differentially regulates pre-immune and germinal center B cell tolerance in mouse and human. Nature Communications, 2019, 10, 1970.	12.8	20
26	Dynamic variation of CD5 surface expression levels within individual chronic lymphocytic leukemia clones. Experimental Hematology, 2017, 46, 31-37.e10.	0.4	10
27	RNA-Seq De Novo Assembly of Clonal Immunoglobulin Rearrangements Identifies Interesting Biology and Uncovers Prognostic Features in Multiple Myeloma. Blood, 2016, 128, 195-195.	1.4	10
28	Shared D-J rearrangements reveal cell of origin of TCF3-ZNF384 and PTPN11 mutations in monozygotic twins with concordant BCP-ALL. Blood, 2020, 136, 1108-1111.	1.4	5
29	Analysis of T cell receptor clonotypes in tumor microenvironment identifies shared cancer-type-specific signatures. Cancer Immunology, Immunotherapy, 2022, 71, 989-998.	4.2	5
30	Research Recommendations Following the Discovery of Pain Sensitizing IgG Autoantibodies in Fibromyalgia Syndrome. Pain Medicine, 2022, 23, 1084-1094.	1.9	4
31	Ultrasensitive amplicon barcoding for next-generation sequencing facilitating sequence error and amplification-bias correction. Scientific Reports, 2020, 10, 10570.	3.3	3
32	Early Loss of CREBBP Confers Malignant Stem Cell Properties on Lymphoid Progenitors. Blood, 2016, 128, 460-460.	1.4	1
33	Evolution of Antigen-specific B-cell Receptor Repertoires in Early SIV Infection. AIDS Research and Human Retroviruses, 2014, 30, A19-A19.	1.1	0
34	MO064TISSUE-RESIDENT B CELLS DETERMINE SUSCEPTIBILITY TO URINARY TRACT INFECTION BY ORCHESTRATING MACROPHAGE POLARISATION. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0