

# Rachel Anne Botting

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2200844/publications.pdf>

Version: 2024-02-01

24  
papers

4,864  
citations

361413

20  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

8966  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell reconstruction of the early maternal-fetal interface in humans. <i>Nature</i> , 2018, 563, 347-353.	27.8	1,547
2	Single-cell transcriptomes from human kidneys reveal the cellular identity of renal tumors. <i>Science</i> , 2018, 361, 594-599.	12.6	511
3	Single-cell multi-omics analysis of the immune response in COVID-19. <i>Nature Medicine</i> , 2021, 27, 904-916.	30.7	452
4	Decoding human fetal liver haematopoiesis. <i>Nature</i> , 2019, 574, 365-371.	27.8	392
5	A cell atlas of human thymic development defines T cell repertoire formation. <i>Science</i> , 2020, 367, .	12.6	368
6	Spatiotemporal immune zonation of the human kidney. <i>Science</i> , 2019, 365, 1461-1466.	12.6	281
7	Cells of the human intestinal tract mapped across space and time. <i>Nature</i> , 2021, 597, 250-255.	27.8	266
8	Developmental cell programs are co-opted in inflammatory skin disease. <i>Science</i> , 2021, 371, .	12.6	264
9	Mapping the developing human immune system across organs. <i>Science</i> , 2022, 376, eabo0510.	12.6	126
10	Identification of Lineage Relationships and Novel Markers of Blood and Skin Human Dendritic Cells. <i>Journal of Immunology</i> , 2013, 190, 66-79.	0.8	96
11	HIV Blocks Interferon Induction in Human Dendritic Cells and Macrophages by Dysregulation of TBK1. <i>Journal of Virology</i> , 2015, 89, 6575-6584.	3.4	84
12	Identification of HIV transmitting CD11c+ human epidermal dendritic cells. <i>Nature Communications</i> , 2019, 10, 2759.	12.8	77
13	Blood and immune development in human fetal bone marrow and Down syndrome. <i>Nature</i> , 2021, 598, 327-331.	27.8	73
14	Delayed induction of type I and III interferons mediates nasal epithelial cell permissiveness to SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 7092.	12.8	65
15	Inhibition of Two Temporal Phases of HIV-1 Transfer from Primary Langerhans Cells to T Cells: The Role of Langerin. <i>Journal of Immunology</i> , 2014, 193, 2554-2564.	0.8	55
16	Mechanism of Interferon-Stimulated Gene Induction in HIV-1-Infected Macrophages. <i>Journal of Virology</i> , 2017, 91, .	3.4	46
17	Phenotypic and functional consequences of different isolation protocols on skin mononuclear phagocytes. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1393-1403.	3.3	43
18	Human anogenital monocyte-derived dendritic cells and langerin+cDC2 are major HIV target cells. <i>Nature Communications</i> , 2021, 12, 2147.	12.8	30

#	ARTICLE	IF	CITATIONS
19	MultiMAP: dimensionality reduction and integration of multimodal data. <i>Genome Biology</i> , 2021, 22, 346.	8.8	27
20	Langerhans cells and sexual transmission of <scp>HIV</scp> and <scp>HSV</scp>. <i>Reviews in Medical Virology</i> , 2017, 27, e1923.	8.3	25
21	The developing immune network in human prenatal skin. <i>Immunology</i> , 2020, 160, 149-156.	4.4	14
22	Development of a physiological model of human middle ear epithelium. <i>Laryngoscope Investigative Otolaryngology</i> , 2021, 6, 1167-1174.	1.5	6
23	271 Interleukin-1 <sup>+</sup> expressing inflammatory macrophages in temporal arteries affected by giant cell arteritis. <i>Rheumatology</i> , 2019, 58, .	1.9	0
24	023 Generation and validation of an in vitro model of Langerhans-type multinucleated giant cells to investigate giant cell arteritis. <i>Rheumatology</i> , 2019, 58, .	1.9	0