

# Deepta Bhattacharya

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

2,851  
citations

331670

21  
h-index

377865

34  
g-index

46  
all docs

46  
docs citations

46  
times ranked

6183  
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 and COVID-19 in older adults: what we may expect regarding pathogenesis, immune responses, and outcomes. <i>GeroScience</i> , 2020, 42, 505-514.	4.6	404
2	Orthogonal SARS-CoV-2 Serological Assays Enable Surveillance of Low-Prevalence Communities and Reveal Durable Humoral Immunity. <i>Immunity</i> , 2020, 53, 925-933.e4.	14.3	301
3	Memory T and memory B cells share a transcriptional program of self-renewal with long-term hematopoietic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3304-3309.	7.1	245
4	Memory B cells, but not long-lived plasma cells, possess antigen specificities for viral escape mutants. <i>Journal of Experimental Medicine</i> , 2011, 208, 2599-2606.	8.5	226
5	Mitochondrial Pyruvate Import Promotes Long-Term Survival of Antibody-Secreting Plasma Cells. <i>Immunity</i> , 2016, 45, 60-73.	14.3	212
6	Immune responses to two and three doses of the BNT162b2 mRNA vaccine in adults with solid tumors. <i>Nature Medicine</i> , 2021, 27, 2002-2011.	30.7	167
7	Transcriptional Profiling of Antigen-Dependent Murine B Cell Differentiation and Memory Formation. <i>Journal of Immunology</i> , 2007, 179, 6808-6819.	0.8	145
8	Purified hematopoietic stem cell engraftment of rare niches corrects severe lymphoid deficiencies without host conditioning. <i>Journal of Experimental Medicine</i> , 2006, 203, 73-85.	8.5	124
9	Metabolic and Transcriptional Modules Independently Diversify Plasma Cell Lifespan and Function. <i>Cell Reports</i> , 2018, 24, 2479-2492.e6.	6.4	103
10	Metabolic Links between Plasma Cell Survival, Secretion, and Stress. <i>Trends in Immunology</i> , 2018, 39, 19-27.	6.8	83
11	The Transcription Factor AP4 Mediates Resolution of Chronic Viral Infection through Amplification of Germinal Center B Cell Responses. <i>Immunity</i> , 2016, 45, 570-582.	14.3	82
12	Affinity-Restricted Memory B Cells Dominate Recall Responses to Heterologous Flaviviruses. <i>Immunity</i> , 2020, 53, 1078-1094.e7.	14.3	76
13	Antibody Responses to SARS-CoV-2: Letâ€™s Stick to Known Knowns. <i>Journal of Immunology</i> , 2020, 205, 2342-2350.	0.8	69
14	Adjuvant-specific regulation of long-term antibody responses by ZBTB20. <i>Journal of Experimental Medicine</i> , 2014, 211, 841-856.	8.5	64
15	Modulation of subsets of cardiac B lymphocytes improves cardiac function after acute injury. <i>JCI Insight</i> , 2018, 3, .	5.0	63
16	Granulocyte colony-stimulating factor reprograms bone marrow stromal cells to actively suppress B lymphopoiesis in mice. <i>Blood</i> , 2015, 125, 3114-3117.	1.4	54
17	ZBTB32 Restricts the Duration of Memory B Cell Recall Responses. <i>Journal of Immunology</i> , 2016, 197, 1159-1168.	0.8	50
18	Plasma cells: You are what you eat. <i>Immunological Reviews</i> , 2019, 288, 161-177.	6.0	41

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19	Transcriptional and Metabolic Control of Memory B Cells and Plasma Cells. Annual Review of Immunology, 2021, 39, 345-368.	21.8	38
20	Instructing durable humoral immunity for COVID-19 and other vaccinable diseases. Immunity, 2022, 55, 945-964.	14.3	32
21	Intestinal Epithelial Expression of MHCII Determines Severity of Chemical, T-Cell-Induced, and Infectious Colitis in Mice. Gastroenterology, 2020, 159, 1342-1356.e6.	1.3	26
22	GPR18 Controls Reconstitution of Mouse Small Intestine Intraepithelial Lymphocytes following Bone Marrow Transplantation. PLoS ONE, 2015, 10, e0133854.	2.5	25
23	Regulation of metabolic supply and demand during B cell activation and subsequent differentiation. Current Opinion in Immunology, 2019, 57, 8-14.	5.5	24
24	Basics of memory B-cell responses: lessons from and for the real world. Immunology, 2019, 156, 120-129.	4.4	24
25	Booster doses of COVID-19 vaccines for patients with haematological and solid cancer: a systematic review and individual patient data meta-analysis. European Journal of Cancer, 2022, 172, 65-75.	2.8	24
26	Space-time considerations for hematopoietic stem cell transplantation. European Journal of Immunology, 2008, 38, 2060-2067.	2.9	22
27	Rapid Lymphocyte Reconstitution of Unconditioned Immunodeficient Mice with Non-Self-Renewing Multipotent Hematopoietic Progenitors. Cell Cycle, 2006, 5, 1135-1139.	2.6	18
28	Immunology of SARS-CoV-2 infections and vaccines. Advances in Immunology, 2021, 151, 49-97.	2.2	12
29	Competent immune responses to SARS-CoV-2 variants in older adults following two doses of mRNA vaccination. Nature Communications, 2022, 13, .	12.8	12
30	ADAM17 limits the expression of CSF1R on murine hematopoietic progenitors. Experimental Hematology, 2015, 43, 44-52.e3.	0.4	11
31	ZBTB32 restrains antibody responses to murine cytomegalovirus infections, but not other repetitive challenges. Scientific Reports, 2019, 9, 15257.	3.3	10
32	Deletion of Rb1 induces both hyperproliferation and cell death in murine germinal center B cells. Experimental Hematology, 2016, 44, 161-165.e4.	0.4	9
33	ZBTB38 is dispensable for antibody responses. PLoS ONE, 2020, 15, e0235183.	2.5	4
34	Basophils take a slice of IRF8 pie. Blood, 2015, 125, 214-215.	1.4	1
35	Sending Cancer into the Fetal Position. Cell Stem Cell, 2018, 22, 479-480.	11.1	0
36	Antibody-Based Depletion of Hematopoietic Stem Cells Empties Niches for Efficient Transplantation.. Blood, 2007, 110, LB2-LB2.	1.4	0

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37	Niche Recycling through Division-Independent Egress of Hematopoietic Stem Cells.. Blood, 2009, 114, 79-79.	1.4	0
38	Rb Protects B-Lineage Hematopoietic Progenitor Cells From Oxidative Stress and Exhaustion. Blood, 2012, 120, 1315-1315.	1.4	0
39	Locally produced autoantibodies in cancer. Cell, 2022, 185, 1110-1111.	28.9	0
40	Less BMI-1 is more for chronic infections. Nature Immunology, 2022, 23, 6-8.	14.5	0