Peter A Bretscher

List of Publications by Year
in descending order

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83 papers	3,488 citations	201674 27 h-index	144013 57 g-index
85 all docs	85 docs citations	85 times ranked	2333 citing authors

#	Article	IF	Citations
1	Establishment of stable, cell-mediated immunity that makes "susceptible" mice resistant to Leishmania major. Science, 1992, 257, 539-542.	12.6	527
2	A two-step, two-signal model for the primary activation of precursor helper T cells. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 185-190.	7.1	313
3	A Strategy for Prophylactic Vaccination Against HIV. Science, 1993, 260, 1270-1272.	12.6	205
4	Immune Elimination ofLeishmania majorin Mice: Implications for Immune Memory, Vaccination, and Reactivation Disease. Journal of Immunology, 2001, 167, 6967-6974.	0.8	164
5	Mycobacterial Dose Defines the Th1/Th2 Nature of the Immune Response Independently of Whether Immunization Is Administered by the Intravenous, Subcutaneous, or Intradermal Route. Infection and Immunity, 1998, 66, 5743-5750.	2.2	160
6	Minimal Model for the Mechanism of Antibody Induction and Paralysis by Antigen. Nature, 1968, 220, 444-448.	27.8	151
7	Regulation of the immune response. I. Suppression of delayed-type hypersensitivity by T cells from mice expressing humoral immunity. European Journal of Immunology, 1976, 6, 674-679.	2.9	144
8	On the control between cell-mediated, IgM and IgG immunity. Cellular Immunology, 1974, 13, 171-195.	3.0	111
9	Parasite dose determines the Th1/Th2 nature of the response toLeishmania major independently of infection route and strain of host or parasite. European Journal of Immunology, 1998, 28, 4020-4028.	2.9	103
10	On the Mechanism Determining the Th1/Th2 Phenotype of an Immune Response, and its Pertinence to Strategies for the Prevention, and Treatment, of Certain Infectious Diseases. Scandinavian Journal of Immunology, 2014, 79, 361-376.	2.7	89
11	Discrimination of suppressor T cells of humoral and cell-mediated immunity by anti-Ly and anti-Ia sera. Cellular Immunology, 1977, 31, 364-369.	3.0	84
12	Phospholipid oxidation generates potent antiâ€inflammatory lipid mediators that mimic structurally related proâ€resolving eicosanoids by activating Nrf2. EMBO Molecular Medicine, 2015, 7, 593-607.	6.9	81
13	A valid ELISPOT assay for enumeration of ex vivo, antigen-specific, IFNÎ³-producing T cells. Journal of Immunological Methods, 1999, 227, 99-107.	1.4	76
14	Regulation of the immune response II. Repressor T cells in cyclophosphamide-induced tolerant mice. European Journal of Immunology, 1977, 7, 180-185.	2.9	73
15	T cells cooperating in the induction of delayed-type hypersensitivity act via the linked recognition of antigenic determinants.. Journal of Experimental Medicine, 1982, 155, 1037-1049.	8.5	67
16	Characterization of the immunological memory state generated in mice susceptible toLeishmania major following exposure to low doses ofL. major and resulting in resistance to a normally pathogenic challenge. European Journal of Immunology, 1996, 26, 243-249.	2.9	65
17	Hypothesis: A model for generalised autoimmunity. Cellular Immunology, 1973, 6, 1-11.	3.0	57
18	Synthesis of Epoxyisoprostanes: Effects in Reducing Secretion of Proâ€inflammatory Cytokines ILâ€6 and ILâ€12. Angewandte Chemie - International Edition, 2013, 52, 5382-5385.	13.8	46

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19	Distinct Immunity in Patients with Visceral Leishmaniasis from that in Subclinically Infected and Drugâ€€Cured People: Implications for the Mechanism Underlying Drug Cure. Journal of Infectious Diseases, 2001, 184, 112-115.	4.0	38
20	Total Synthesis of Prostaglandin 15d-PGJ₂ and Investigation of its Effect on the Secretion of IL-6 and IL-12. Organic Letters, 2015, 17, 4340-4343.	4.6	37
21	Different immune correlates associated with tumor progression and regression: implications for prevention and treatment of cancer. Cancer Immunology, Immunotherapy, 2008, 57, 1125-1136.	4.2	36
22	Regulation of the class of immune response induced by antigen. Cellular Immunology, 1983, 81, 345-356.	3.0	34
23	Increasing the foreignness of an antigen, by coupling a second and foreign antigen to it, increases the T helper type 2 component of the immune response to the first antigen. Immunology, 2005, 115, 34-41.	4.4	34
24	The Number of Responding CD4 T Cells and the Dose of Antigen Conjointly Determine the Th1/Th2 Phenotype by Modulating B7/CD28 Interactions. Journal of Immunology, 2014, 192, 5140-5150.	0.8	34
25	On Analyzing How the Th1/Th2 Phenotype of an Immune Response Is Determined: Classical Observations Must Not Be Ignored. Frontiers in Immunology, 2019, 10, 1234.	4.8	34
26	The Th1/Th2 nature of concurrent immune responses to unrelated antigens can be independent. Journal of Immunology, 1999, 163, 4842-50.	0.8	30
27	More antigen-dependent CD4+ T cell / CD4+ T cell interactions are required for the primary generation of Th2 than of Th1 cells. European Journal of Immunology, 2001, 31, 1765-1771.	2.9	29
28	Discovery of a Highly Potent Anti-inflammatory Epoxyisoprostane-Derived Lactone. Journal of the American Chemical Society, 2014, 136, 17382-17385.	13.7	28
29	The regulatory functions of CD4+ and CD8+ T-cell subsets in immune class regulation. Research in Immunology, 1991, 142, 45-50.	0.9	27
30	In vitro induction of delayed-type hypersensitivity. European Journal of Immunology, 1979, 9, 311-316.	2.9	26
31	Does T Cell Activation Require a Quorum of Lymphocytes?. Journal of Immunology, 2018, 201, 2855-2861.	0.8	26
32	The history of the twoâ€signal model of lymphocyte activation: A personal perspective. Scandinavian Journal of Immunology, 2019, 89, e12762.	2.7	26
33	Cyclosporin A can switch the immune response induced by antigen from a humoral to a cell-mediated mode. European Journal of Immunology, 1992, 22, 349-355.	2.9	25
34	The Activation and Inactivation of Mature <scp>CD</scp>4 <scp>T</scp> cells: A Case for Peripheral Selfâ€“Nonself Discrimination. Scandinavian Journal of Immunology, 2014, 79, 348-360.	2.7	25
35	A cascade of T-T interactions, mediated by the linked recognition of antigen, in the induction of T cells able to help delayed-type hypersensitivity responses. Journal of Immunology, 1986, 137, 3726-33.	0.8	25
36	The Control of Humoral and Associative Antibody Synthesis. Immunological Reviews, 1972, 11, 217-267.	6.0	24

#	Article	IF	Citations
37	The Two Signal Model. Immunological Reviews, 1975, 23, 37-48.	6.0	24
38	Immunization of newborn and adult mice with low numbers of BCG leads to Th1 responses, Th1 imprints and enhanced protection upon BCG challenge. Immunotherapy, 2010, 2, 25-35.	2.0	23
39	Differential sensitivity of inflammatory macrophages and alternatively activated macrophages to ferroptosis. European Journal of Immunology, 2021, 51, 2417-2429.	2.9	22
40	Requirement for antigen in lipopolysaccharidedependent induction of B cells. European Journal of Immunology, 1978, 8, 534-537.	2.9	21
41	Antigen Presenting B Cells Facilitate CD4 T Cell Cooperation Resulting in Enhanced Generation of Effector and Memory CD4 T Cells. PLoS ONE, 2013, 8, e77346.	2.5	21
42	Prospects for Low Dose BCG Vaccination against Tuberculosis. Immunobiology, 1994, 191, 548-554.	1.9	20
43	In vitro analysis of the cellular interactions between unprimed lymphocytes responsible for determining the class of response an antigen induces: specific T cells switch a cell-mediated response to a humoral response. Journal of Immunology, 1983, 131, 1103-7.	0.8	20
44	Models for Haem-Haem Interaction. Nature, 1968, 219, 606-607.	27.8	18
45	Helper T cells are required for the polyclonal stimulation of cytotoxic T cells by concanavalin A.. Journal of Experimental Medicine, 1977, 145, 1237-1249.	8.5	17
46	CD4 T cell cooperation is required for the in vivo activation of CD4 T cells. International Immunology, 2009, 21, 1213-1224.	4.0	16
47	Contemporary models for peripheral tolerance and the classical â€˜historical postulateâ€™. Seminars in Immunology, 2000, 12, 221-229.	5.6	15
48	Antigen-specific CD8+ T cells switch the immune response induced by antigen from an IgG to a cell-mediated mode. Journal of Immunology, 1992, 148, 397-403.	0.8	15
49	Analysis of cytokine-producing Th cells from hen egg lysozyme-immunized mice reveals large numbers specific for ?cryptic? peptides and different repertoires among different Th populations. European Journal of Immunology, 2005, 35, 56-65.	2.9	13
50	A hypothesis for the existence of two types of tuberculosis, reflecting two distinct types of immune failure to control the pathogen, based upon prevalence of mycobacteriumâ€specific IgG subclasses. Scandinavian Journal of Immunology, 2018, 87, e12665.	2.7	13
51	T cells expressing delayed-type hypersensitivity can be derived from a humorally immune lymphocyte population. European Journal of Immunology, 1987, 17, 949-954.	2.9	12
52	Significance and mechanisms of cellular regulation of the immune response. Federation Proceedings, 1981, 40, 1473-8.	1.3	12
53	Distinct immunological states in murine cutaneous leishmaniasis by immunising with different amounts of antigen: the generation of beneficial, potentially harmful, harmful and potentially extremely harmful states. Behring Institute Mitteilungen, 1997, , 153-9.	0.2	12
54	Anti-IL-4 antibody therapy causes regression of chronic lesions caused by medium-dose Leishmania major infection in BALB/c mice. European Journal of Immunology, 2001, 31, 3175-84.	2.9	11

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55	Towards a strategy of universally efficacious vaccination against pathogens uniquely susceptible to cell-mediated attack. Journal of Biotechnology, 1996, 44, 1-4.	3.8	10
56	Living with the ups and downs of the two signal model. Immunology and Cell Biology, 2004, 82, 141-148.	2.3	9
57	Activation of thymic T cells by MHC alloantigen requires syngeneic, activated CD4+ T cells and B cells as APC. International Immunology, 2006, 18, 719-728.	4.0	9
58	Direct demonstration of CD4 T cell cooperation in the primary in vivo generation of CD4 effector T cells. International Immunology, 2012, 24, 519-527.	4.0	9
59	Macroimmunology and immunotherapy of cancer. Immunotherapy, 2009, 1, 367-383.	2.0	8
60	What information is needed to design effective vaccination against intracellular pathogens causing chronic disease?. Expert Review of Vaccines, 2002, 1, 179-192.	4.4	7
61	Distinct roles of dendritic and B cells in the activation of naive CD4⁺ T cells. Immunotherapy, 2012, 4, 355-357.	2.0	7
62	Is the Framework of Cohn's â€˜Tritope Modelâ€™ for How T Cell Receptors Recognize Peptide/Selfâ€<scp>MHC</scp> Complexes and Alloâ€<scp>MHC</scp> Plausible?. Scandinavian Journal of Immunology, 2016, 83, 311-313.	2.7	7
63	Response. Science, 1993, 262, 1075-1076.	12.6	6
64	Tuberculosis and HIV: light after darkness.. Thorax, 1994, 49, 537-539.	5.6	6
65	The historical postulate: Is it the basis, at the level of the system, for selfâ€nonself discrimination?. Scandinavian Journal of Immunology, 2021, 94, e13033.	2.7	6
66	The role of cytokines in determining the Th1/Th2 phenotype of an immune response: Coherence of the T cell response and the Cytokine Implementation Hypothesis. Scandinavian Journal of Immunology, 2022, 95, e13110.	2.7	6
67	Can interruption/withdrawl of antiâ€retroviral therapy provide personalized immunotherapy against HIVâ€1?. Scandinavian Journal of Immunology, 2020, 92, e12934.	2.7	5
68	Hapten-Ficoll conjugates induce T-cell-dependent IgM anti-hapten responses and T cells mediating hapten-specific delayed-type hypersensitivity. Cellular Immunology, 1984, 85, 396-405.	3.0	4
69	Immune Class Regulation and Its Medical Significance Part II of a Report of a Workshop on Foundational Concepts of Immune Regulation. Scandinavian Journal of Immunology, 2017, 85, 242-250.	2.7	4
70	On T cell development, T cell signals, T cell specificity and sensitivity, and the autoimmunity facilitated by lymphopenia. Scandinavian Journal of Immunology, 2020, 91, e12888.	2.7	4
71	Two Signal Models of Lymphocyte Activation Incorporate a Mechanism of Peripheral Tolerance, and Have Implications for Achieving Immunological Unresponsiveness and Effective Transplantation. Vox Sanguinis, 2002, 83, 155-158.	1.5	3
72	The activation, by antigen, of naÃ¯ve TCR transgenic CD4 T cells cultured at physiological, rather than artificially high, frequencies more accurately reflects the in vivo activation of normal numbers of naÃ¯ve CD4+ T cells. Cellular Immunology, 2012, 274, 115-120.	3.0	3

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73	On how the immune system preferentially interacts with antigenâ€specific molecules bound to antigen over unbound molecules, with emphasis on B cell receptor signalling. Scandinavian Journal of Immunology, 2019, 90, e12795.	2.7	3
74	Information overload and resilience in facing foundational issues. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	3
75	Facing the Increased Prevalence of Antibiotic-Resistant M. tuberculosis: Exploring the Feasibility of Realising Kochâ€™s Aspiration of Immunotherapy of Tuberculosis. Antibiotics, 2022, 11, 371.	3.7	3
76	A Conversation with Cohn on the Activation of CD 4 TÂCells. Scandinavian Journal of Immunology, 2015, 82, 147-159.	2.7	2
77	In Vitro Induction of Specific T Cells Able to Help in the Generation of Delayed-Type Hypersensitivity by Thymus-Dependent and Type-II 'Thymus-Independent' Antigens. Scandinavian Journal of Immunology, 1984, 20, 519-525.	2.7	1
78	Cooperation between CD4 T helper cells is required for the generation of alloantigenâ€specific, IFNâ€Î³â€producing human CD4 T cells. Immunology and Cell Biology, 2005, 83, 175-181.	2.3	1
79	Development of Th1 Imprints to rBCG Expressing a Foreign Protein: Implications for Vaccination against HIV-1 and Diverse Influenza Strains. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-8.	3.0	1
80	Immune response and its correlation with the disease activity in patients with advanced colorectal cancer (aCRC): Results from a prospective observational study.. Journal of Clinical Oncology, 2014, 32, 471-471.	1.6	1
81	Cell-to-cell interactions and signaling within the immune system:Towards integrating mechanism and physiology. NeuroImmune Biology, 2001, 1, 71-85.	0.2	0
82	MULTIPLE SCLEROSIS AND THE IMMUNE SYSTEM: A COMMENTARY. , 2014, , .		0
83	IMMUNOLOGY IS NOT A SCIENCE OF COMPLEXITY: IMPLICATIONS FOR CONTEMPORARY WAYS OF UNDERSTANDING. , 2014, , .		0