

Rachel R Caspi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80 papers	4,496 citations	34 h-index	66 g-index
203 ext. papers	5,173 ext. citations	8.6 avg, IF	5.87 L-index

#	Paper	IF	Citations
80	Either a Th17 or a Th1 effector response can drive autoimmunity: conditions of disease induction affect dominant effector category. <i>Journal of Experimental Medicine</i> , 2008 , 205, 799-810	16.6	556
79	Cutting edge: NKT cells constitutively express IL-23 receptor and RORgammat and rapidly produce IL-17 upon receptor ligation in an IL-6-independent fashion. <i>Journal of Immunology</i> , 2008 , 180, 5167-71	5.3	334
78	A look at autoimmunity and inflammation in the eye. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3073-83	15.9	283
77	Th1 and Th17 cells: adversaries and collaborators. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1183, 211-21	6.5	276
76	Microbiota-Dependent Activation of an Autoreactive T Cell Receptor Provokes Autoimmunity in an Immunologically Privileged Site. <i>Immunity</i> , 2015 , 43, 343-53	32.3	246
75	Interleukin 12 protects from a T helper type 1-mediated autoimmune disease, experimental autoimmune uveitis, through a mechanism involving interferon gamma, nitric oxide, and apoptosis. <i>Journal of Experimental Medicine</i> , 1999 , 189, 219-30	16.6	183
74	An Ocular Commensal Protects against Corneal Infection by Driving an Interleukin-17 Response from Mucosal T Cells. <i>Immunity</i> , 2017 , 47, 148-158.e5	32.3	144
73	Essential role of the MyD88 pathway, but nonessential roles of TLRs 2, 4, and 9, in the adjuvant effect promoting Th1-mediated autoimmunity. <i>Journal of Immunology</i> , 2005 , 175, 6303-10	5.3	119
72	Cytokines in autoimmune uveitis. <i>Journal of Interferon and Cytokine Research</i> , 2011 , 31, 733-44	3.5	116
71	Ocular autoimmunity: the price of privilege?. <i>Immunological Reviews</i> , 2006 , 213, 23-35	11.3	116
70	Immune mechanisms in inflammatory and degenerative eye disease. <i>Trends in Immunology</i> , 2015 , 36, 354-63	14.4	109
69	Th1 and Th2 responses in pathogenesis and regulation of experimental autoimmune uveoretinitis. <i>International Reviews of Immunology</i> , 2002 , 21, 197-208	4.6	108
68	IL-12p35 induces expansion of IL-10 and IL-35-expressing regulatory B cells and ameliorates autoimmune disease. <i>Nature Communications</i> , 2017 , 8, 719	17.4	96
67	Experimental autoimmune uveoretinitis in the rat and mouse. <i>Current Protocols in Immunology</i> , 2003 , Chapter 15, Unit 15.6	4	87
66	Mouse models of experimental autoimmune uveitis. <i>Ophthalmic Research</i> , 2008 , 40, 169-74	2.9	79
65	New perspectives on effector mechanisms in uveitis. <i>Seminars in Immunopathology</i> , 2008 , 30, 135-43	12	76
64	T cell mechanisms in experimental autoimmune uveoretinitis: susceptibility is a function of the cytokine response profile. <i>Eye</i> , 1997 , 11 (Pt 2), 209-12	4.4	69

63	Autoimmunity in the immune privileged eye: pathogenic and regulatory T cells. <i>Immunologic Research</i> , 2008 , 42, 41-50	4.3	69
62	Breakdown of immune privilege and spontaneous autoimmunity in mice expressing a transgenic T cell receptor specific for a retinal autoantigen. <i>Journal of Autoimmunity</i> , 2013 , 44, 21-33	15.5	68
61	The living eye "disarms" uncommitted autoreactive T cells by converting them to Foxp3(+) regulatory cells following local antigen recognition. <i>Journal of Immunology</i> , 2012 , 188, 1742-50	5.3	68
60	A humanized model of experimental autoimmune uveitis in HLA class II transgenic mice. <i>Journal of Clinical Investigation</i> , 2003 , 111, 1171-80	15.9	68
59	Microbiome and Autoimmune Uveitis. <i>Frontiers in Immunology</i> , 2019 , 10, 232	8.4	64
58	Activation of invariant NKT cells ameliorates experimental ocular autoimmunity by a mechanism involving innate IFN-gamma production and dampening of the adaptive Th1 and Th17 responses. <i>Journal of Immunology</i> , 2008 , 181, 4791-7	5.3	57
57	Retina-specific T regulatory cells bring about resolution and maintain remission of autoimmune uveitis. <i>Journal of Immunology</i> , 2015 , 194, 3011-9	5.3	56
56	The role of TLR2, TLR3, TLR4, and TLR9 signaling in the pathogenesis of autoimmune disease in a retinal autoimmunity model 2010 , 51, 3092-9		51
55	Divergent paths for the selection of immunodominant epitopes from distinct antigenic sources. <i>Nature Communications</i> , 2014 , 5, 5369	17.4	49
54	Altered chemokine profile associated with exacerbated autoimmune pathology under conditions of genetic interferon-gamma deficiency. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4616-25		49
53	IL-27p28 inhibits central nervous system autoimmunity by concurrently antagonizing Th1 and Th17 responses. <i>Journal of Autoimmunity</i> , 2014 , 50, 12-22	15.5	47
52	NK-DC crosstalk controls the autopathogenic Th17 response through an innate IFN- γ -IL-27 axis. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1739-52	16.6	46
51	Mincle Activation and the Syk/Card9 Signaling Axis Are Central to the Development of Autoimmune Disease of the Eye. <i>Journal of Immunology</i> , 2016 , 196, 3148-58	5.3	45
50	Residues 1-20 of IRBP and whole IRBP elicit different uveitogenic and immunological responses in interferon gamma deficient mice. <i>Experimental Eye Research</i> , 2000 , 71, 111-8	3.7	40
49	Dual effect of ciliary body cells on T lymphocyte proliferation. <i>European Journal of Immunology</i> , 1990 , 20, 2457-63	6.1	38
48	Use of optical coherence tomography and electroretinography to evaluate retinal pathology in a mouse model of autoimmune uveitis. <i>PLoS ONE</i> , 2013 , 8, e63904	3.7	35
47	Comparative analysis of induced vs. spontaneous models of autoimmune uveitis targeting the interphotoreceptor retinoid binding protein. <i>PLoS ONE</i> , 2013 , 8, e72161	3.7	34
46	Repertoire analysis and new pathogenic epitopes of IRBP in C57BL/6 (H-2b) and B10.RIII (H-2r) mice. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 1946-56		32

45	ZIKA virus infection causes persistent chorioretinal lesions. <i>Emerging Microbes and Infections</i> , 2018 , 7, 96	18.9	31
44	The Cytokine IL-17A Limits Th17 Pathogenicity via a Negative Feedback Loop Driven by Autocrine Induction of IL-24. <i>Immunity</i> , 2020 , 53, 384-397.e5	32.3	30
43	Gut microbiota as a source of a surrogate antigen that triggers autoimmunity in an immune privileged site. <i>Gut Microbes</i> , 2017 , 8, 59-66	8.8	29
42	Characterization of a New Epitope of IRBP That Induces Moderate to Severe Uveoretinitis in Mice With H-2b Haplotype 2015 , 56, 5439-49		26
41	Tertiary Lymphoid Tissue Forms in Retinas of Mice with Spontaneous Autoimmune Uveitis and Has Consequences on Visual Function. <i>Journal of Immunology</i> , 2016 , 196, 1013-25	5.3	25
40	IL-20 receptor cytokines in autoimmune diseases. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 953-959	6.5	25
39	Complement anaphylatoxin receptors C3aR and C5aR are required in the pathogenesis of experimental autoimmune uveitis. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 447-54	6.5	24
38	IL-12p35 Inhibits Neuroinflammation and Ameliorates Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2017 , 8, 1258	8.4	21
37	Susceptibility to autoimmune disease and drug addiction in inbred rats. Are there mechanistic factors in common related to abnormalities in hypothalamic-pituitary-adrenal axis and stress response function?. <i>Annals of the New York Academy of Sciences</i> , 2000 , 917, 784-96	6.5	20
36	Tolerance Induction in Relation to the Eye. <i>Frontiers in Immunology</i> , 2018 , 9, 2304	8.4	20
35	Use of ACAID to suppress interphotoreceptor retinoid binding protein-induced experimental autoimmune uveitis. <i>Current Eye Research</i> , 1992 , 11 Suppl, 97-100	2.9	19
34	Understanding autoimmunity in the eye: from animal models to novel therapies. <i>Discovery Medicine</i> , 2014 , 17, 155-62	2.5	19
33	Visions of Eye Commensals: The Known and the Unknown About How the Microbiome Affects Eye Disease. <i>BioEssays</i> , 2018 , 40, e1800046	4.1	18
32	STAT-3-independent production of IL-17 by mouse innate-like $\gamma\delta$ T cells controls ocular infection. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1079-1090	16.6	17
31	AS101 ameliorates experimental autoimmune uveitis by regulating Th1 and Th17 responses and inducing Treg cells. <i>Journal of Autoimmunity</i> , 2019 , 100, 52-61	15.5	16
30	Regulation of Autoimmunity by the Microbiome. <i>DNA and Cell Biology</i> , 2016 , 35, 455-8	3.6	16
29	Immune privilege and the philosophy of immunology. <i>Frontiers in Immunology</i> , 2014 , 5, 110	8.4	15
28	Pseudovirus rVSV-G-ZEBOV-GP Infects Neurons in Retina and CNS, Causing Apoptosis and Neurodegeneration in Neonatal Mice. <i>Cell Reports</i> , 2019 , 26, 1718-1726.e4	10.6	15

27	Regulation, counter-regulation, and immunotherapy of autoimmune responses to immunologically privileged retinal antigens. <i>Immunologic Research</i> , 2003 , 27, 149-60	4.3	14
26	Antigen/MHC class II/Ig dimers for study of uveitogenic T cells: IRBP p161-180 presented by both IA and IE molecules. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 3769-76		14
25	Cyclosporine and dexamethasone inhibit T-lymphocyte MHC class II antigens and IL-2 receptor expression in experimental autoimmune uveitis. <i>Immunological Investigations</i> , 1987 , 16, 319-31	2.9	12
24	Clinical and Functional Evaluation of Ocular Inflammatory Disease Using the Model of Experimental Autoimmune Uveitis. <i>Methods in Molecular Biology</i> , 2019 , 1899, 211-227	1.4	12
23	Immunotolerance and prevention of ocular autoimmune disease. <i>Current Eye Research</i> , 1995 , 14, 857-64	2.9	11
22	Post-thymectomy murine experimental autoimmune oophoritis is associated with reduced natural killer cell activity. <i>American Journal of Reproductive Immunology</i> , 1997 , 38, 360-5	3.8	10
21	Analysis of Th Cell-related Cytokine Production in Behçet Disease Patients with Uveitis Before and After Infliximab Treatment. <i>Ocular Immunology and Inflammation</i> , 2017 , 25, 52-61	2.8	9
20	Targeting CD6 for the treatment of experimental autoimmune uveitis. <i>Journal of Autoimmunity</i> , 2018 , 90, 84-93	15.5	9
19	Type I Interferon Therapy Limits CNS Autoimmunity by Inhibiting CXCR3-Mediated Trafficking of Pathogenic Effector T Cells. <i>Cell Reports</i> , 2019 , 28, 486-497.e4	10.6	8
18	Susceptibility to murine experimental autoimmune oophoritis is associated with genes outside the major histocompatibility complex (MHC). <i>American Journal of Reproductive Immunology</i> , 1996 , 36, 107-10	3.8	8
17	Interleukin 22 ameliorates neuropathology and protects from central nervous system autoimmunity. <i>Journal of Autoimmunity</i> , 2019 , 102, 65-76	15.5	7
16	The Small Tellurium Compound AS101 Ameliorates Rat Crescentic Glomerulonephritis: Association with Inhibition of Macrophage Caspase-1 Activity Very Late Antigen-4 Inactivation. <i>Frontiers in Immunology</i> , 2017 , 8, 240	8.4	7
15	A novel role for lipoxin A in driving a lymph node-eye axis that controls autoimmunity to the neuroretina. <i>ELife</i> , 2020 , 9,	8.9	7
14	T cell-intrinsic role for Nod2 in protection against Th17-mediated uveitis. <i>Nature Communications</i> , 2020 , 11, 5406	17.4	7
13	Tellurium Compounds Prevent and Reverse Type-1 Diabetes in NOD Mice by Modulating $\alpha\beta$ Integrin Activity, IL-1 β and T Regulatory Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 979	8.4	6
12	Complement Component C4 Regulates the Development of Experimental Autoimmune Uveitis through a T Cell-Intrinsic Mechanism. <i>Frontiers in Immunology</i> , 2017 , 8, 1116	8.4	6
11	Tofacitinib inhibits the development of experimental autoimmune uveitis and reduces the proportions of Th1 but not of Th17 cells. <i>Molecular Vision</i> , 2020 , 26, 641-651	2.3	6
10	TMP778, a selective inhibitor of ROR γ , suppresses experimental autoimmune uveitis development, but affects both Th17 and Th1 cell populations. <i>European Journal of Immunology</i> , 2018 , 48, 1810-1816	6.1	6

9	Prevention of experimental autoimmune uveoretinitis by intrathymic S-antigen injection. <i>Ocular Immunology and Inflammation</i> , 1997 , 5, 165-72	2.8	5
8	Autoimmunity to neuroretina in the concurrent absence of IFN- γ and IL-17A is mediated by a GM-CSF-driven eosinophilic inflammation. <i>Journal of Autoimmunity</i> , 2020 , 114, 102507	15.5	3
7	Preparation of Protein-containing Extracts from Microbiota-rich Intestinal Contents. <i>Bio-protocol</i> , 2016 , 6,	0.9	3
6	Microbiota as Drivers and as Therapeutic Targets in Ocular and Tissue Specific Autoimmunity. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 606751	5.7	3
5	Regulated Tristetraprolin Overexpression Dampens the Development and Pathogenesis of Experimental Autoimmune Uveitis. <i>Frontiers in Immunology</i> , 2020 , 11, 583510	8.4	1
4	Draft Reference Genome Sequence of <i>Corynebacterium mastitidis</i> RC, an Ocular Commensal, Isolated from Mouse Conjunctiva.. <i>Microbiology Resource Announcements</i> , 2022 , e0018722	1.3	1
3	Acute immunosuppression and syngeneic bone marrow transplantation in ocular autoimmunity abort disease, but do not result in induction of long-term protection. <i>Ocular Immunology and Inflammation</i> , 1998 , 6, 163-72	2.8	
2	Eosinophil-derived neurotoxin acts as an alarmin to activate TLR2-MyD88 signal pathway in dendritic cells and enhance Th2 immune responses. <i>FASEB Journal</i> , 2008 , 22, 672.17	0.9	
1	Uveitis-mediated immune cell invasion through the extracellular matrix of the lens capsule. <i>FASEB Journal</i> , 2022 , 36, e21995	0.9	