Rachel R Caspi

List of Publications by Year
in descending order

83 papers	5,771 citations	101496 36 h-index	79644 73 g-index
203 all docs	203 docs citations	203 times ranked	6256 citing authors

#	Article	IF	Citations
1	Either a Th17 or a Th1 effector response can drive autoimmunity: conditions of disease induction affect dominant effector category. Journal of Experimental Medicine, 2008, 205, 799-810.	4.2	627
2	A look at autoimmunity and inflammation in the eye. Journal of Clinical Investigation, 2010, 120, 3073-3083.	3.9	379
3	Cutting Edge: NKT Cells Constitutively Express IL-23 Receptor and RORÎ³t and Rapidly Produce IL-17 upon Receptor Ligation in an IL-6-Independent Fashion. Journal of Immunology, 2008, 180, 5167-5171.	0.4	363
4	Th1 and Th17 cells. Annals of the New York Academy of Sciences, 2010, 1183, 211-221.	1.8	337
5	Microbiota-Dependent Activation of an Autoreactive T Cell Receptor Provokes Autoimmunity in an Immunologically Privileged Site. Immunity, 2015, 43, 343-353.	6.6	324
6	An Ocular Commensal Protects against Corneal Infection by Driving an Interleukin-17 Response from Mucosal Î³Î´ T Cells. Immunity, 2017, 47, 148-158.e5.	6.6	216
7	Interleukin 12 Protects from a T Helper Type 1â€"mediated Autoimmune Disease, Experimental Autoimmune Uveitis, through a Mechanism Involving Interferon Î³, Nitric Oxide, and Apoptosis. Journal of Experimental Medicine, 1999, 189, 219-230.	4.2	193
8	IL-12p35 induces expansion of IL-10 and IL-35-expressing regulatory B cells and ameliorates autoimmune disease. Nature Communications, 2017, 8, 719.	5.8	150
9	Immune mechanisms in inflammatory and degenerative eye disease. Trends in Immunology, 2015, 36, 354-363.	2.9	148
10	Cytokines in Autoimmune Uveitis. Journal of Interferon and Cytokine Research, 2011, 31, 733-744.	0.5	144
11	Ocular autoimmunity: the price of privilege?. Immunological Reviews, 2006, 213, 23-35.	2.8	137
12	Essential Role of the MyD88 Pathway, but Nonessential Roles of TLRs 2, 4, and 9, in the Adjuvant Effect Promoting Th1-Mediated Autoimmunity. Journal of Immunology, 2005, 175, 6303-6310.	0.4	133
13	TH1 AND TH2 RESPONSES IN PATHOGENESIS AND REGULATION OF EXPERIMENTAL AUTOIMMUNE UVEORETINITIS. International Reviews of Immunology, 2002, 21, 197-208.	1.5	121
14	Experimental Autoimmune Uveoretinitis in the Rat and Mouse. Current Protocols in Immunology, 2003, 53, Unit 15.6.	3.6	111
15	The Cytokine IL-17A Limits Th17 Pathogenicity via a Negative Feedback Loop Driven by Autocrine Induction of IL-24. Immunity, 2020, 53, 384-397.e5.	6.6	101
16	Mouse Models of Experimental Autoimmune Uveitis. Ophthalmic Research, 2008, 40, 169-174.	1.0	96
17	Breakdown of immune privilege and spontaneous autoimmunity in mice expressing a transgenic T cell receptor specific for a retinal autoantigen. Journal of Autoimmunity, 2013, 44, 21-33.	3.0	93
18	Microbiome and Autoimmune Uveitis. Frontiers in Immunology, 2019, 10, 232.	2.2	93

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19	New perspectives on effector mechanisms in uveitis. Seminars in Immunopathology, 2008, 30, 135-143.	2.8	87
20	Autoimmunity in the immune privileged eye: pathogenic and regulatory T cells. Immunologic Research, 2008, 42, 41-50.	1.3	82
21	A humanized model of experimental autoimmune uveitis in HLA class II transgenic mice. Journal of Clinical Investigation, 2003, 111, 1171-1180.	3.9	80
22	Retina-Specific T Regulatory Cells Bring About Resolution and Maintain Remission of Autoimmune Uveitis. Journal of Immunology, 2015, 194, 3011-3019.	0.4	79
23	The Living Eye â€œDisarmsâ€•Uncommitted Autoreactive T Cells by Converting Them to Foxp3+ Regulatory Cells following Local Antigen Recognition. Journal of Immunology, 2012, 188, 1742-1750.	0.4	78
24	T cell mechanisms in experimental autoimmune uveoretinitis: Susceptibility is a function of the cytokine response profile. Eye, 1997, 11, 209-212.	1.1	75
25	Activation of Invariant NKT Cells Ameliorates Experimental Ocular Autoimmunity by A Mechanism Involving Innate IFN-Î³ Production and Dampening of the Adaptive Th1 and Th17 Responses. Journal of Immunology, 2008, 181, 4791-4797.	0.4	70
26	NK-DC crosstalk controls the autopathogenic Th17 response through an innate IFN-Î³â€“IL-27 axis. Journal of Experimental Medicine, 2015, 212, 1739-1752.	4.2	66
27	Divergent paths for the selection of immunodominant epitopes from distinct antigenic sources. Nature Communications, 2014, 5, 5369.	5.8	62
28	IL-27p28 inhibits central nervous system autoimmunity by concurrently antagonizing Th1 and Th17 responses. Journal of Autoimmunity, 2014, 50, 12-22.	3.0	62
29	The Role of TLR2, TRL3, TRL4, and TRL9 Signaling in the Pathogenesis of Autoimmune Disease in a Retinal Autoimmunity Model. , 2010, 51, 3092.		59
30	Mincle Activation and the Syk/Card9 Signaling Axis Are Central to the Development of Autoimmune Disease of the Eye. Journal of Immunology, 2016, 196, 3148-3158.	0.4	57
31	Altered Chemokine Profile Associated with Exacerbated Autoimmune Pathology under Conditions of Genetic Interferon-Î³ Deficiency. , 2007, 48, 4616.		55
32	Gut microbiota as a source of a surrogate antigen that triggers autoimmunity in an immune privileged site. Gut Microbes, 2017, 8, 59-66.	4.3	48
33	IL-20 receptor cytokines in autoimmune diseases. Journal of Leukocyte Biology, 2018, 104, 953-959.	1.5	46
34	ZIKA virus infection causes persistent chorioretinal lesions. Emerging Microbes and Infections, 2018, 7, 1-15.	3.0	45
35	Use of Optical Coherence Tomography and Electroretinography to Evaluate Retinal Pathology in a Mouse Model of Autoimmune Uveitis. PLoS ONE, 2013, 8, e63904.	1.1	44
36	Comparative Analysis of Induced vs. Spontaneous Models of Autoimmune Uveitis Targeting the Interphotoreceptor Retinoid Binding Protein. PLoS ONE, 2013, 8, e72161.	1.1	43

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37	Residues 1â€“20 of IRBP and Whole IRBP Elicit Different Uveitogenic and Immunological Responses in Interferon Gamma Deficient Mice. Experimental Eye Research, 2000, 71, 111-118.	1.2	40
38	Dual effect of ciliary body cells on T lymphocyte proliferation. European Journal of Immunology, 1990, 20, 2457-2463.	1.6	38
39	Visions of Eye Commensals: The Known and the Unknown About How the Microbiome Affects Eye Disease. BioEssays, 2018, 40, e1800046.	1.2	38
40	Repertoire Analysis and New Pathogenic Epitopes of IRBP in C57BL/6 (H-2^b) and B10.RIII (H-2^r) Mice. , 2008, 49, 1946.		37
41	Characterization of a New Epitope of IRBP That Induces Moderate to Severe Uveoretinitis in Mice With H-2^bHaplotype. , 2015, 56, 5439.		35
42	Tertiary Lymphoid Tissue Forms in Retinas of Mice with Spontaneous Autoimmune Uveitis and Has Consequences on Visual Function. Journal of Immunology, 2016, 196, 1013-1025.	0.4	34
43	Tolerance Induction in Relation to the Eye. Frontiers in Immunology, 2018, 9, 2304.	2.2	32
44	Complement anaphylatoxin receptors C3aR and C5aR are required in the pathogenesis of experimental autoimmune uveitis. Journal of Leukocyte Biology, 2016, 99, 447-454.	1.5	29
45	Pseudovirus rVSVÎ”G-ZEBOV-GP Infects Neurons in Retina and CNS, Causing Apoptosis and Neurodegeneration in Neonatal Mice. Cell Reports, 2019, 26, 1718-1726.e4.	2.9	29
46	IL-12p35 Inhibits Neuroinflammation and Ameliorates Autoimmune Encephalomyelitis. Frontiers in Immunology, 2017, 8, 1258.	2.2	28
47	Targeting CD6 for the treatment of experimental autoimmune uveitis. Journal of Autoimmunity, 2018, 90, 84-93.	3.0	27
48	Regulation of Autoimmunity by the Microbiome. DNA and Cell Biology, 2016, 35, 455-458.	0.9	26
49	Commensal microbiota as a potential trigger of autoimmune uveitis. Expert Review of Clinical Immunology, 2017, 13, 291-293.	1.3	26
50	AS101 ameliorates experimental autoimmune uveitis by regulating Th1 and Th17 responses and inducing Treg cells. Journal of Autoimmunity, 2019, 100, 52-61.	3.0	26
51	IL-27â€“producing B-1a cells suppress neuroinflammation and CNS autoimmune diseases. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	26
52	STAT-3â€“independent production of IL-17 by mouse innate-like Î±Î² T cells controls ocular infection. Journal of Experimental Medicine, 2018, 215, 1079-1090.	4.2	25
53	Susceptibility to Autoimmune Disease and Drug Addiction in Inbred Rats: Are There Mechanistic Factors in Common Related to Abnormalities in Hypothalamicâ€Pituitaryâ€Adrenal Axis and Stress Response Function?. Annals of the New York Academy of Sciences, 2000, 917, 784-796.	1.8	23
54	Clinical and Functional Evaluation of Ocular Inflammatory Disease Using the Model of Experimental Autoimmune Uveitis. Methods in Molecular Biology, 2019, 1899, 211-227.	0.4	22

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55	Use of ACAID to suppress interphotoreceptor retinoid binding protein-induced experimental autoimmune uveitis. Current Eye Research, 1992, 11, 97-100.	0.7	21
56	Immune Privilege and the Philosophy of Immunology. Frontiers in Immunology, 2014, 5, 110.	2.2	21
57	Interleukin 22 ameliorates neuropathology and protects from central nervous system autoimmunity. Journal of Autoimmunity, 2019, 102, 65-76.	3.0	21
58	Understanding autoimmunity in the eye: from animal models to novel therapies. Discovery Medicine, 2014, 17, 155-62.	0.5	21
59	Regulation, Counter-Regulation, and Immunotherapy of Autoimmune Responses to Immunologically Privileged Retinal Antigens. Immunologic Research, 2003, 27, 149-160.	1.3	19
60	Type I Interferon Therapy Limits CNS Autoimmunity by Inhibiting CXCR3-Mediated Trafficking of Pathogenic Effector T Cells. Cell Reports, 2019, 28, 486-497.e4.	2.9	19
61	Antigen/MHC Class II/Ig Dimers for Study of Uveitogenic T Cells: IRBP p161â€"180 Presented by both IA and IE Molecules. , 2005, 46, 3769.		17
62	T cell-intrinsic role for Nod2 in protection against Th17-mediated uveitis. Nature Communications, 2020, 11, 5406.	5.8	17
63	Cyclosporine and Dexamethasone Inhibit T-Lymphocyte MHC Class II Antigens and IL-2 Receptor Expression in Experimental Autoimmune Uveitis. Immunological Investigations, 1987, 16, 319-331.	1.0	16
64	Analysis of Th Cell-related Cytokine Production in BehÃ§et Disease Patients with Uveitis Before and After Infliximab Treatment. Ocular Immunology and Inflammation, 2017, 25, 52-61.	1.0	16
65	Immunotolerance and prevention of ocular autoimmune disease. Current Eye Research, 1995, 14, 857-864.	0.7	13
66	Postâ€thymectomy Murine Experimental Autoimmune Oophoritis Is Associated With Reduced Natural Killer Cell Activity. American Journal of Reproductive Immunology, 1997, 38, 360-365.	1.2	13
67	Susceptibility to Murine Experimental Autoimmune Oophoritis Is Associated With Genes Outside the Major Histocompatibility Complex (MHC). American Journal of Reproductive Immunology, 1996, 36, 107-110.	1.2	12
68	A novel role for lipoxin A4 in driving a lymph nodeâ€"eye axis that controls autoimmunity to the neuroretina. ELife, 2020, 9, .	2.8	12
69	Tellurium Compounds Prevent and Reverse Type-1 Diabetes in NOD Mice by Modulating Î±4Î²7 Integrin Activity, IL-1Î², and T Regulatory Cells. Frontiers in Immunology, 2019, 10, 979.	2.2	11
70	Microbiota as Drivers and as Therapeutic Targets in Ocular and Tissue Specific Autoimmunity. Frontiers in Cell and Developmental Biology, 2020, 8, 606751.	1.8	11
71	TMP778, a selective inhibitor of RORÎ³t, suppresses experimental autoimmune uveitis development, but affects both Th17 and Th1 cell populations. European Journal of Immunology, 2018, 48, 1810-1816.	1.6	10
72	Tofacitinib inhibits the development of experimental autoimmune uveitis and reduces the proportions of Th1 but not of Th17 cells. Molecular Vision, 2020, 26, 641-651.	1.1	10

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73	The Small Tellurium Compound AS101 Ameliorates Rat Crescentic Glomerulonephritis: Association with Inhibition of Macrophage Caspase-1 Activity via Very Late Antigen-4 Inactivation. Frontiers in Immunology, 2017, 8, 240.	2.2	9
74	Complement Component C4 Regulates the Development of Experimental Autoimmune Uveitis through a T Cell-Intrinsic Mechanism. Frontiers in Immunology, 2017, 8, 1116.	2.2	9
75	Autoimmunity to neuroretina in the concurrent absence of IFN-Î³ and IL-17A is mediated by a GM-CSF-driven eosinophilic inflammation. Journal of Autoimmunity, 2020, 114, 102507.	3.0	8
76	Prevention of experimental autoimmune uveoretinitis by intrathymic S-antigen injection. Ocular Immunology and Inflammation, 1997, 5, 165-172.	1.0	7
77	Uveitisâ€mediated immune cell invasion through the extracellular matrix of the lens capsule. FASEB Journal, 2022, 36, e21995.	0.2	5
78	Regulated Tristetraprolin Overexpression Dampens the Development and Pathogenesis of Experimental Autoimmune Uveitis. Frontiers in Immunology, 2020, 11, 583510.	2.2	4
79	Preparation of Protein-containing Extracts from Microbiota-rich Intestinal Contents. Bio-protocol, 2016, 6, .	0.2	3
80	Draft Reference Genome Sequence of Corynebacterium mastitidis RC, an Ocular Commensal, Isolated from Mouse Conjunctiva. Microbiology Resource Announcements, 2022, , e0018722.	0.3	1
81	Acute immunosuppression and syngeneic bone marrow transplantation in ocular autoimmunity abort disease, but do not result in induction of long-term protection. Ocular Immunology and Inflammation, 1998, 6, 163-172.	1.0	0
82	Immunopathogenesis of Experimental Uveitic Diseasesâ˜†. , 2017, , .		0
83	Eosinophilâ€derived neurotoxin acts as an alarmin to activate TLR2â€MyD88 signal pathway in dendritic cells and enhance Th2 immune responses. FASEB Journal, 2008, 22, 672.17.	0.2	0