# Rachel R Caspi

List of Publications by Year
in descending order

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Uveitisâ€mediated immune cell invasion through the extracellular matrix of the lens capsule. FASEB Journal, 2022, 36, e21995. | 0.2 | 5 |
| 2 | Draft Reference Genome Sequence of Corynebacterium mastitidis RC, an Ocular Commensal, Isolated from Mouse Conjunctiva. Microbiology Resource Announcements, 2022, , e0018722. | 0.3 | 1 |
| 3 | 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 |
| 4 | 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 |
| 5 | T cell-intrinsic role for Nod2 in protection against Th17-mediated uveitis. Nature Communications, 2020, 11, 5406. | 5.8 | 17 |
| 6 | 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 |
| 7 | 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 |
| 8 | Regulated Tristetraprolin Overexpression Dampens the Development and Pathogenesis of Experimental Autoimmune Uveitis. Frontiers in Immunology, 2020, 11, 583510. | 2.2 | 4 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Interleukin 22 ameliorates neuropathology and protects from central nervous system autoimmunity. Journal of Autoimmunity, 2019, 102, 65-76. | 3.0 | 21 |
| 14 | Microbiome and Autoimmune Uveitis. Frontiers in Immunology, 2019, 10, 232. | 2.2 | 93 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Targeting CD6 for the treatment of experimental autoimmune uveitis. Journal of Autoimmunity, 2018, 90, 84-93. | 3.0 | 27 |

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|---|---|---|---|
| 19 | 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 |
| 20 | Visions of Eye Commensals: The Known and the Unknown About How the Microbiome Affects Eye Disease. BioEssays, 2018, 40, e1800046. | 1.2 | 38 |
| 21 | Tolerance Induction in Relation to the Eye. Frontiers in Immunology, 2018, 9, 2304. | 2.2 | 32 |
| 22 | 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 |
| 23 | IL-20 receptor cytokines in autoimmune diseases. Journal of Leukocyte Biology, 2018, 104, 953-959. | 1.5 | 46 |
| 24 | ZIKA virus infection causes persistent chorioretinal lesions. Emerging Microbes and Infections, 2018, 7, 1-15. | 3.0 | 45 |
| 25 | 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 |
| 26 | Commensal microbiota as a potential trigger of autoimmune uveitis. Expert Review of Clinical Immunology, 2017, 13, 291-293. | 1.3 | 26 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Immunopathogenesis of Experimental Uveitic Diseasesâ˜†. , 2017, , . | | 0 |
| 31 | 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 |
| 32 | 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 |
| 33 | IL-12p35 Inhibits Neuroinflammation and Ameliorates Autoimmune Encephalomyelitis. Frontiers in Immunology, 2017, 8, 1258. | 2.2 | 28 |
| 34 | Regulation of Autoimmunity by the Microbiome. DNA and Cell Biology, 2016, 35, 455-458. | 0.9 | 26 |
| 35 | 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 |
| 36 | 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 |

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|---|---|---|---|
| 37 | 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 |
| 38 | Preparation of Protein-containing Extracts from Microbiota-rich Intestinal Contents. Bio-protocol, 2016, 6, . | 0.2 | 3 |
| 39 | Characterization of a New Epitope of IRBP That Induces Moderate to Severe Uveoretinitis in Mice With H-2<sup>b</sup>Haplotype. , 2015, 56, 5439. | | 35 |
| 40 | Immune mechanisms in inflammatory and degenerative eye disease. Trends in Immunology, 2015, 36, 354-363. | 2.9 | 148 |
| 41 | Retina-Specific T Regulatory Cells Bring About Resolution and Maintain Remission of Autoimmune Uveitis. Journal of Immunology, 2015, 194, 3011-3019. | 0.4 | 79 |
| 42 | Microbiota-Dependent Activation of an Autoreactive T Cell Receptor Provokes Autoimmunity in an Immunologically Privileged Site. Immunity, 2015, 43, 343-353. | 6.6 | 324 |
| 43 | 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 |
| 44 | Divergent paths for the selection of immunodominant epitopes from distinct antigenic sources. Nature Communications, 2014, 5, 5369. | 5.8 | 62 |
| 45 | Immune Privilege and the Philosophy of Immunology. Frontiers in Immunology, 2014, 5, 110. | 2.2 | 21 |
| 46 | IL-27p28 inhibits central nervous system autoimmunity by concurrently antagonizing Th1 and Th17 responses. Journal of Autoimmunity, 2014, 50, 12-22. | 3.0 | 62 |
| 47 | Understanding autoimmunity in the eye: from animal models to novel therapies. Discovery Medicine, 2014, 17, 155-62. | 0.5 | 21 |
| 48 | 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 |
| 49 | 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 |
| 50 | Comparative Analysis of Induced vs. Spontaneous Models of Autoimmune Uveitis Targeting the Interphotoreceptor Retinoid Binding Protein. PLoS ONE, 2013, 8, e72161. | 1.1 | 43 |
| 51 | 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 |
| 52 | Cytokines in Autoimmune Uveitis. Journal of Interferon and Cytokine Research, 2011, 31, 733-744. | 0.5 | 144 |
| 53 | Th1 and Th17 cells. Annals of the New York Academy of Sciences, 2010, 1183, 211-221. | 1.8 | 337 |
| 54 | The Role of TLR2, TRL3, TRL4, and TRL9 Signaling in the Pathogenesis of Autoimmune Disease in a Retinal Autoimmunity Model. , 2010, 51, 3092. | | 59 |

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| 55 | A look at autoimmunity and inflammation in the eye. Journal of Clinical Investigation, 2010, 120, 3073-3083. | 3.9 | 379 |
| 56 | New perspectives on effector mechanisms in uveitis. Seminars in Immunopathology, 2008, 30, 135-143. | 2.8 | 87 |
| 57 | Autoimmunity in the immune privileged eye: pathogenic and regulatory T cells. Immunologic Research, 2008, 42, 41-50. | 1.3 | 82 |
| 58 | Repertoire Analysis and New Pathogenic Epitopes of IRBP in C57BL/6 (H-2<sup>b</sup>) and B10.RIII (H-2<sup>r</sup>) Mice. , 2008, 49, 1946. | | 37 |
| 59 | Mouse Models of Experimental Autoimmune Uveitis. Ophthalmic Research, 2008, 40, 169-174. | 1.0 | 96 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | Altered Chemokine Profile Associated with Exacerbated Autoimmune Pathology under Conditions of Genetic Interferon-Î³ Deficiency. , 2007, 48, 4616. | | 55 |
| 65 | Ocular autoimmunity: the price of privilege?. Immunological Reviews, 2006, 213, 23-35. | 2.8 | 137 |
| 66 | 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 |
| 67 | 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 |
| 68 | Regulation, Counter-Regulation, and Immunotherapy of Autoimmune Responses to Immunologically Privileged Retinal Antigens. Immunologic Research, 2003, 27, 149-160. | 1.3 | 19 |
| 69 | Experimental Autoimmune Uveoretinitis in the Rat and Mouse. Current Protocols in Immunology, 2003, 53, Unit 15.6. | 3.6 | 111 |
| 70 | A humanized model of experimental autoimmune uveitis in HLA class II transgenic mice. Journal of Clinical Investigation, 2003, 111, 1171-1180. | 3.9 | 80 |
| 71 | TH1 AND TH2 RESPONSES IN PATHOGENESIS AND REGULATION OF EXPERIMENTAL AUTOIMMUNE UVEORETINITIS. International Reviews of Immunology, 2002, 21, 197-208. | 1.5 | 121 |
| 72 | 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 |

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| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | T cell mechanisms in experimental autoimmune uveoretinitis: Susceptibility is a function of the cytokine response profile. Eye, 1997, 11, 209-212. | 1.1 | 75 |
| 77 | Prevention of experimental autoimmune uveoretinitis by intrathymic S-antigen injection. Ocular Immunology and Inflammation, 1997, 5, 165-172. | 1.0 | 7 |
| 78 | 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 |
| 79 | 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 |
| 80 | Immunotolerance and prevention of ocular autoimmune disease. Current Eye Research, 1995, 14, 857-864. | 0.7 | 13 |
| 81 | Use of ACAID to suppress interphotoreceptor retinoid binding protein-induced experimental autoimmune uveitis. Current Eye Research, 1992, 11, 97-100. | 0.7 | 21 |
| 82 | Dual effect of ciliary body cells on T lymphocyte proliferation. European Journal of Immunology, 1990, 20, 2457-2463. | 1.6 | 38 |
| 83 | 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 |