Eric Pearlman

List of Publications by Year
in descending order

80 papers	5,380 citations	87843 38 h-index	88593 70 g-index
84 all docs	84 docs citations	84 times ranked	6427 citing authors

#	Article	IF	Citations
1	Control of Î²-glucan exposure by the endo-1,3-glucanase Eng1 in Candida albicans modulates virulence. PLoS Pathogens, 2022, 18, e1010192.	2.1	19
2	OVOL1 Regulates Psoriasis-Like Skin Inflammation and Epidermal Hyperplasia. Journal of Investigative Dermatology, 2021, 141, 1542-1552.	0.3	13
3	American Academy of Optometry Microbial Keratitis Think Tank. Optometry and Vision Science, 2021, 98, 182-198.	0.6	19
4	Î²-Glucan-stimulated neutrophil secretion of IL-1Î± is independent of GSDMD and mediated through extracellular vesicles. Cell Reports, 2021, 35, 109139.	2.9	20
5	The impact of age-related hypomethylated DNA on immune signaling upon cellular demise. Trends in Immunology, 2021, 42, 464-468.	2.9	7
6	Pathogenic Aspergillus and Fusarium as important causes of blinding corneal infections â€" the role of neutrophils in fungal killing, tissue damage and cytokine production. Current Opinion in Microbiology, 2021, 63, 195-203.	2.3	17
7	Delineating the role of <i>MITF</i> isoforms in pigmentation and tissue homeostasis. Pigment Cell and Melanoma Research, 2020, 33, 279-292.	1.5	17
8	Tuning Subunit Vaccines with Novel TLR Triagonist Adjuvants to Generate Protective Immune Responses against <i>Coxiella burnetii</i>. Journal of Immunology, 2020, 204, 611-621.	0.4	24
9	Synergistic Antimicrobial Activity of a Nanopillar Surface on a Chitosan Hydrogel. ACS Applied Bio Materials, 2020, 3, 8040-8048.	2.3	13
10	N-GSDMD trafficking to neutrophil organelles facilitates IL-1Î² release independently of plasma membrane pores and pyroptosis. Nature Communications, 2020, 11, 2212.	5.8	270
11	What Are the Functions of Chitin Deacetylases in Aspergillus fumigatus?. Frontiers in Cellular and Infection Microbiology, 2020, 10, 28.	1.8	23
12	The genome of opportunistic fungal pathogen Fusarium oxysporum carries a unique set of lineage-specific chromosomes. Communications Biology, 2020, 3, 50.	2.0	55
13	NLRP3, NLRP12, and IFI16 Inflammasomes Induction and Caspase-1 Activation Triggered by Virulent HSV-1 Strains Are Associated With Severe Corneal Inflammatory Herpetic Disease. Frontiers in Immunology, 2019, 10, 1631.	2.2	42
14	EphA2 Is a Neutrophil Receptor for Candida albicans that Stimulates Antifungal Activity during Oropharyngeal Infection. Cell Reports, 2019, 28, 423-433.e5.	2.9	47
15	Linked Toll-Like Receptor Triagonists Stimulate Distinct, Combination-Dependent Innate Immune Responses. ACS Central Science, 2019, 5, 1137-1145.	5.3	37
16	Breaching bacterial biofilm with neutrophil Î±-mannosidase. Journal of Leukocyte Biology, 2019, 105, 1085-1085.	1.5	2
17	<i>Aspergillus fumigatus</i> corneal infection is regulated by chitin synthases and by neutrophilâ€"derived acidic mammalian chitinase. European Journal of Immunology, 2019, 49, 918-927.	1.6	21
18	Infectious corneal ulceration: a proposal for neglected tropical disease status. Bulletin of the World Health Organization, 2019, 97, 854-856.	1.5	52

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19	Neutrophils Cause an Intravascular Traffic Jam. Cell Host and Microbe, 2018, 23, 6-8.	5.1	1
20	Sustained release of decorin to the surface of the eye enables scarless corneal regeneration. Npj Regenerative Medicine, 2018, 3, 23.	2.5	43
21	Neutrophil Caspase-11 Is Required for Cleavage of Caspase-1 and Secretion of IL-1Î² in <i>Aspergillus fumigatus</i> Infection. Journal of Immunology, 2018, 201, 2767-2775.	0.4	38
22	Atovaquone Impairs Growth of <i>Aspergillus</i> and <i>Fusarium</i> Keratitis Isolates by Modulating Mitochondrial Function and Zinc Homeostasis. , 2018, 59, 1589.		21
23	Protein Deiminase 4 and CR3 Regulate Aspergillus fumigatus and Î²-Glucan-Induced Neutrophil Extracellular Trap Formation, but Hyphal Killing Is Dependent Only on CR3. Frontiers in Immunology, 2018, 9, 1182.	2.2	47
24	Pseudomonas aeruginosa Effector ExoS Inhibits ROS Production in Human Neutrophils. Cell Host and Microbe, 2017, 21, 611-618.e5.	5.1	82
25	GADD34 Function in Protein Trafficking Promotes Adaptation to Hyperosmotic Stress in Human Corneal Cells. Cell Reports, 2017, 21, 2895-2910.	2.9	28
26	Polymeric Nanofiber/Antifungal Formulations Using a Novel Co-extrusion Approach. AAPS PharmSciTech, 2017, 18, 1917-1924.	1.5	18
27	The impact of lens care solutions on corneal epithelial changes during daily silicone hydrogel contact lens wear as measured by in vivo confocal microscopy. Contact Lens and Anterior Eye, 2017, 40, 33-41.	0.8	10
28	Neutrophils from F508del cystic fibrosis patients produce IL-17A and express IL-23 - dependent IL-17RC. Clinical Immunology, 2016, 170, 53-60.	1.4	27
29	JAK/STAT regulation of <i>Aspergillus fumigatus</i> corneal infections and IL-6/23-stimulated neutrophil, IL-17, elastase, and MMP9 activity. Journal of Leukocyte Biology, 2016, 100, 213-222.	1.5	35
30	Interleukin-17 Pathophysiology and Therapeutic Intervention in Cystic Fibrosis Lung Infection and Inflammation. Infection and Immunity, 2016, 84, 2410-2421.	1.0	42
31	Histidine biosynthesis plays a crucial role in metal homeostasis and virulence of<i>Aspergillus fumigatus</i>. Virulence, 2016, 7, 465-476.	1.8	62
32	Neutrophil P2X7 receptors mediate NLRP3 inflammasome-dependent IL-1Î² secretion in response to ATP. Nature Communications, 2016, 7, 10555.	5.8	320
33	IL-17A production by neutrophils. Immunology Letters, 2016, 169, 104-105.	1.1	9
34	Zinc and Manganese Chelation by Neutrophil S100A8/A9 (Calprotectin) Limits Extracellular <i>Aspergillus fumigatus</i> Hyphal Growth and Corneal Infection. Journal of Immunology, 2016, 196, 336-344.	0.4	130
35	Microbial infections of the eye. , 2016, , 462-485.e1.		0
36	Neutrophil IL-1Î² Processing Induced by Pneumolysin Is Mediated by the NLRP3/ASC Inflammasome and Caspase-1 Activation and Is Dependent on K+ Efflux. Journal of Immunology, 2015, 194, 1763-1775.	0.4	195

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37	Tyrosine phosphatase SHP-2 mediates C-type lectin receptorâ€“induced activation of the kinase Syk and anti-fungal TH17 responses. Nature Immunology, 2015, 16, 642-652.	7.0	92
38	Immune Interactions with Pathogenic and Commensal Fungi: A Two-Way Street. Immunity, 2015, 43, 845-858.	6.6	117
39	Interleukin 17 Expression in Peripheral Blood Neutrophils From Fungal Keratitis Patients and Healthy Cohorts in Southern India. Journal of Infectious Diseases, 2015, 211, 130-134.	1.9	28
40	Mgat2 ablation in the myeloid lineage leads to defective glycoantigen T cell responses. Glycobiology, 2014, 24, 262-271.	1.3	8
41	The protein phosphatase PhzA of A. fumigatus is involved in oxidative stress tolerance and fungal virulence. Fungal Genetics and Biology, 2014, 66, 79-85.	0.9	20
42	Activation of neutrophils by autocrine IL-17Aâ€“IL-17RC interactions during fungal infection is regulated by IL-6, IL-23, RORÎ³t and dectin-2. Nature Immunology, 2014, 15, 143-151.	7.0	373
43	<i>Aspergillus</i> and <i>Fusarium</i> Corneal Infections Are Regulated by Th17 Cells and IL-17â€“Producing Neutrophils. Journal of Immunology, 2014, 192, 3319-3327.	0.4	87
44	Diversity of Virulence Phenotypes among Type III Secretion Negative Pseudomonas aeruginosa Clinical Isolates. PLoS ONE, 2014, 9, e86829.	1.1	25
45	Host Defense at the Ocular Surface. International Reviews of Immunology, 2013, 32, 4-18.	1.5	102
46	Targeting Iron Acquisition Blocks Infection with the Fungal Pathogens Aspergillus fumigatus and Fusarium oxysporum. PLoS Pathogens, 2013, 9, e1003436.	2.1	101
47	The RodA Hydrophobin on <i>Aspergillus fumigatus</i> Spores Masks Dectin-1â€“ and Dectin-2â€“Dependent Responses and Enhances Fungal Survival In Vivo. Journal of Immunology, 2013, 191, 2581-2588.	0.4	154
48	Host Response and Bacterial Virulence Factor Expression in Pseudomonas aeruginosa and Streptococcus pneumoniae Corneal Ulcers. PLoS ONE, 2013, 8, e64867.	1.1	65
49	ExoS and ExoT ADP Ribosyltransferase Activities Mediate <i>Pseudomonas aeruginosa</i> Keratitis by Promoting Neutrophil Apoptosis and Bacterial Survival. Journal of Immunology, 2012, 188, 1884-1895.	0.4	86
50	Cutting Edge: IL-1Î² Processing during <i>Pseudomonas aeruginosa</i> Infection Is Mediated by Neutrophil Serine Proteases and Is Independent of NLRC4 and Caspase-1. Journal of Immunology, 2012, 189, 4231-4235.	0.4	118
51	The role of cytokines and pathogen recognition molecules in fungal keratitis â€“ Insights from human disease and animal models. Cytokine, 2012, 58, 107-111.	1.4	65
52	Fungal antioxidant pathways promote survival against neutrophils during infection. Journal of Clinical Investigation, 2012, 122, 2482-2498.	3.9	132
53	Onchocerciasis: the Role of Wolbachia Bacterial Endosymbionts in Parasite Biology, Disease Pathogenesis, and Treatment. Clinical Microbiology Reviews, 2011, 24, 459-468.	5.7	120
54	Expression of Innate and Adaptive Immune Mediators in Human Corneal Tissue Infected With Aspergillus or Fusarium. Journal of Infectious Diseases, 2011, 204, 942-950.	1.9	104

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55	A Murine Model of Contact Lensâ€“Associated<i>Fusarium</i>Keratitis. , 2010, 51, 1511.		62
56	Distinct Roles for Dectin-1 and TLR4 in the Pathogenesis of Aspergillus fumigatus Keratitis. PLoS Pathogens, 2010, 6, e1000976.	2.1	159
57	TLR4 and TLR5 on Corneal Macrophages Regulate <i>Pseudomonas aeruginosa</i> Keratitis by Signaling through MyD88-Dependent and -Independent Pathways. Journal of Immunology, 2010, 185, 4272-4283.	0.4	120
58	Wolbachia Lipoprotein Stimulates Innate and Adaptive Immunity through Toll-like Receptors 2 and 6 to Induce Disease Manifestations of Filariasis. Journal of Biological Chemistry, 2009, 284, 22364-22378.	1.6	120
59	Targeting JAK/STAT Signaling Pathway in Inflammatory Diseases. Current Signal Transduction Therapy, 2009, 4, 201-221.	0.3	72
60	Toll-like Receptors at the Ocular Surface. Ocular Surface, 2008, 6, 108-116.	2.2	102
61	MyD88 Regulation of <i>Fusarium</i> Keratitis Is Dependent on TLR4 and IL-1R1 but Not TLR2. Journal of Immunology, 2008, 181, 593-600.	0.4	77
62	Onchocerca volvulus, Wolbachia and River Blindness. , 2007, 92, 254-265.		24
63	Wolbachia and Onchocerca volvulus: Pathogenesis of River Blindness. , 2007, 5, 133-145.		1
64	Toll-Like Receptor 2 Regulates CXC Chemokine Production and Neutrophil Recruitment to the Cornea in<i>Onchocerca volvulus</i>/<i>Wolbachia</i>-Induced Keratitis. Infection and Immunity, 2007, 75, 5908-5915.	1.0	35
65	Innate Immune Responses to Endosymbiotic <i>Wolbachia</i> Bacteria in <i>Brugia malayi</i> and <i>Onchocerca volvulus</i> Are Dependent on TLR2, TLR6, MyD88, and Mal, but Not TLR4, TRIF, or TRAM. Journal of Immunology, 2007, 178, 1068-1076.	0.4	106
66	Wolbachia- and Onchocerca volvulus-Induced Keratitis (River Blindness) Is Dependent on Myeloid Differentiation Factor 88. Infection and Immunity, 2006, 74, 2442-2445.	1.0	33
67	Wolbachia -Induced Neutrophil Activation in a Mouse Model of Ocular Onchocerciasis (River) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.0	44
68	Immunopathogenesis of Onchocerca volvulus keratitis (river blindness): a novel role for endosymbiotic Wolbachia bacteria. Medical Microbiology and Immunology, 2003, 192, 57-60.	2.6	13
69	Angiogenic activity of an Onchocerca volvulus Ancylostoma secreted protein homologue. Molecular and Biochemical Parasitology, 2003, 129, 61-68.	0.5	9
70	Immunopathogenesis of <I>Onchocerca volvulus</I> keratitis (river blindness): a novel role for TLR4 and endosymbiotic <I>Wolbachia</I> bacteria. Journal of Endotoxin Research, 2003, 9, 390-394.	2.5	9
71	Science, medicine, and the future: Onchocerciasis. BMJ: British Medical Journal, 2003, 326, 207-210.	2.4	78
72	The Role of Endosymbiotic Wolbachia Bacteria in the Pathogenesis of River Blindness. Science, 2002, 295, 1892-1895.	6.0	350

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73	Onchocerca volvulus keratitis (river blindness) is exacerbated in BALB/c IL-4 gene knockout mice. Cellular Immunology, 2002, 216, 1-5.	1.4	13
74	CXC Chemokine Receptor 2 But Not C-C Chemokine Receptor 1 Expression Is Essential for Neutrophil Recruitment to the Cornea in Helminth-Mediated Keratitis (River Blindness). Journal of Immunology, 2001, 166, 4035-4041.	0.4	79
75	A Dominant Role for FcÎ³ Receptors in Antibody-Dependent Corneal Inflammation. Journal of Immunology, 2001, 167, 919-925.	0.4	22
76	Distinct Roles for PECAM-1, ICAM-1, and VCAM-1 in Recruitment of Neutrophils and Eosinophils to the Cornea in Ocular Onchocerciasis (River Blindness). Journal of Immunology, 2001, 166, 6795-6801.	0.4	52
77	Immune mechanisms in Onchocerca volvulus-mediated corneal disease (river blindness). Parasite Immunology, 2000, 22, 625-631.	0.7	38
78	Pathogenesis of Onchocercal Keratitis (River Blindness). Clinical Microbiology Reviews, 1999, 12, 445-453.	5.7	113
79	Pleomorphism of stromal eosinophils in murine experimental onchocercal keratitis. Ocular Immunology and Inflammation, 1997, 5, 157-163.	1.0	3
80	EphA2 is a Neutrophil Receptor for Candida Albicans that Stimulates Antifungal Activity During Oropharyngeal Infection. SSRN Electronic Journal, 0, , .	0.4	0