

# De'broski R Herbert

## List of Publications by Year in descending order

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64  
papers

4,577  
citations

147726

31  
h-index

114418

63  
g-index

72  
all docs

72  
docs citations

72  
times ranked

7434  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coexpression of CD49b and LAG-3 identifies human and mouse T regulatory type 1 cells. <i>Nature Medicine</i> , 2013, 19, 739-746.	15.2	700
2	Alternative Macrophage Activation Is Essential for Survival during Schistosomiasis and Downmodulates T Helper 1 Responses and Immunopathology. <i>Immunity</i> , 2004, 20, 623-635.	6.6	651
3	Intestinal epithelial cell secretion of RELM- $\beta$ protects against gastrointestinal worm infection. <i>Journal of Experimental Medicine</i> , 2009, 206, 2947-2957.	4.2	236
4	<i>Toxoplasma gondii</i> Rhoptyr Kinase ROP16 Activates STAT3 and STAT6 Resulting in Cytokine Inhibition and Arginase-1-Dependent Growth Control. <i>PLoS Pathogens</i> , 2011, 7, e1002236.	2.1	226
5	Trefoil factor 2 rapidly induces interleukin 33 to promote type 2 immunity during allergic asthma and hookworm infection. <i>Journal of Experimental Medicine</i> , 2012, 209, 607-622.	4.2	192
6	IL-33 drives biphasic IL-13 production for noncanonical Type 2 immunity against hookworms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 282-287.	3.3	190
7	Th9 Cells Drive Host Immunity against Gastrointestinal Worm Infection. <i>Immunity</i> , 2013, 39, 744-757.	6.6	185
8	Exposure to the fish parasite <i>Anisakis</i> causes allergic airway hyperreactivity and dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 1098-1105.	1.5	145
9	Solitary chemosensory cells are a primary epithelial source of IL-25 in patients with chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 460-469.e7.	1.5	123
10	Peanuts can contribute to anaphylactic shock by activating complement. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 342-351.	1.5	119
11	Role of IL-5 in Innate and Adaptive Immunity to Larval <i>Strongyloides stercoralis</i> in Mice. <i>Journal of Immunology</i> , 2000, 165, 4544-4551.	0.4	118
12	Arginase I Suppresses IL-12/IL-23-Driven Intestinal Inflammation during Acute Schistosomiasis. <i>Journal of Immunology</i> , 2010, 184, 6438-6446.	0.4	106
13	IL-10 and TGF- $\beta$ Redundantly Protect against Severe Liver Injury and Mortality during Acute Schistosomiasis. <i>Journal of Immunology</i> , 2008, 181, 7214-7220.	0.4	97
14	A Novel Mouse Model of <i>Schistosoma haematobium</i> Egg-Induced Immunopathology. <i>PLoS Pathogens</i> , 2012, 8, e1002605.	2.1	96
15	JUNB Is a Key Transcriptional Modulator of Macrophage Activation. <i>Journal of Immunology</i> , 2015, 194, 177-186.	0.4	94
16	TGF- $\beta$ limits IL-33 production and promotes the resolution of colitis through regulation of macrophage function. <i>European Journal of Immunology</i> , 2011, 41, 2000-2009.	1.6	77
17	Group 2 Innate Lymphoid Cells (ILC2): Type 2 Immunity and Helminth Immunity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2276.	1.8	74
18	Development of solitary chemosensory cells in the distal lung after severe influenza injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L1141-L1149.	1.3	74

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19	Cellular context of IL-33 expression dictates impact on anti-helminth immunity. <i>Science Immunology</i> , 2020, 5, .	5.6	73
20	The TAM family receptor tyrosine kinase TYRO3 is a negative regulator of type 2 immunity. <i>Science</i> , 2016, 352, 99-103.	6.0	67
21	TFF3 interacts with LINGO2 to regulate EGFR activation for protection against colitis and gastrointestinal helminths. <i>Nature Communications</i> , 2019, 10, 4408.	5.8	62
22	The role of B cells in immunity against larval <i>Strongyloides stercoralis</i> in mice. <i>Parasite Immunology</i> , 2002, 24, 95-101.	0.7	57
23	Endogenously Produced IL-4 Nonredundantly Stimulates CD8+ T Cell Proliferation. <i>Journal of Immunology</i> , 2009, 182, 1429-1438.	0.4	49
24	Solitary chemosensory cells producing interleukin-25 and group 2 innate lymphoid cells are enriched in chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 900-906.	1.5	47
25	Macrophages promote epithelial proliferation following infectious and non-infectious lung injury through a Trefoil factor 2-dependent mechanism. <i>Mucosal Immunology</i> , 2019, 12, 64-76.	2.7	47
26	IL-4R $\alpha$ on CD4+ T cells plays a pathogenic role in respiratory syncytial virus reinfection in mice infected initially as neonates. <i>Journal of Leukocyte Biology</i> , 2013, 93, 933-942.	1.5	44
27	Immunoaffinity-isolated antigens induce protective immunity against larval <i>Strongyloides stercoralis</i> in mice. <i>Experimental Parasitology</i> , 2002, 100, 112-120.	0.5	38
28	Immune polarization by hookworms: taking cues from T helper type 2, type 2 innate lymphoid cells and alternatively activated macrophages. <i>Immunology</i> , 2016, 148, 115-124.	2.0	37
29	A protective role for IL-13 receptor $\alpha$ 1 in bleomycin-induced pulmonary injury and repair. <i>Mucosal Immunology</i> , 2016, 9, 240-253.	2.7	37
30	Human Immunoglobulin G Mediates Protective Immunity and Identifies Protective Antigens against Larval <i>Strongyloides stercoralis</i> in Mice. <i>Journal of Infectious Diseases</i> , 2004, 189, 1282-1290.	1.9	35
31	Sentinels at the wall: epithelial-derived cytokines serve as triggers of upper airway type 2 inflammation. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 93-99.	1.5	35
32	IL-4R $\alpha$ Expression by Bone Marrow-Derived Cells Is Necessary and Sufficient for Host Protection against Acute Schistosomiasis. <i>Journal of Immunology</i> , 2008, 180, 4948-4955.	0.4	33
33	Fungal extracts stimulate solitary chemosensory cell expansion in noninvasive fungal rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 730-737.	1.5	29
34	TH1-Dominant Granulomatous Pathology Does Not Inhibit Fibrosis or Cause Lethality during Murine Schistosomiasis. <i>American Journal of Pathology</i> , 2006, 169, 1701-1712.	1.9	26
35	Trefoil Factor 2 Negatively Regulates Type 1 Immunity against <i>Toxoplasma gondii</i> . <i>Journal of Immunology</i> , 2012, 189, 3078-3084.	0.4	23
36	IFN- $\gamma$ -Driven IDO Production from Macrophages Protects IL-4R $\alpha$ -Deficient Mice against Lethality during <i>Schistosoma mansoni</i> Infection. <i>American Journal of Pathology</i> , 2012, 180, 2001-2008.	1.9	23

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37	Myeloid-Restricted AMPK $\beta$ 1 Promotes Host Immunity and Protects against IL-12/23p40-Dependent Lung Injury during Hookworm Infection. <i>Journal of Immunology</i> , 2016, 196, 4632-4640.	0.4	23
38	Immune System Investigation Using Parasitic Helminths. <i>Annual Review of Immunology</i> , 2021, 39, 639-665.	9.5	23
39	Differential requirements for interleukin (IL)-4 and IL-13 in protein contact dermatitis induced by <i>Anisakis</i> . <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 1309-1318.	2.7	22
40	CD4+T Cell-Specific Deletion of IL-4 Receptor $\beta$ Prevents Ovalbumin-Induced Anaphylaxis by an IFN- $\gamma$ -Dependent Mechanism. <i>Journal of Immunology</i> , 2007, 179, 2758-2765.	0.4	20
41	IL-1 modulates steady-state and infection-induced IL-10 production in vivo. <i>European Journal of Immunology</i> , 2014, 44, 469-479.	1.6	18
42	Myeloid expression of the AP-1 transcription factor JUNB modulates outcomes of type 1 and type 2 parasitic infections. <i>Parasite Immunology</i> , 2015, 37, 470-478.	0.7	18
43	Trefoil Factor 2 Promotes Type 2 Immunity and Lung Repair through Intrinsic Roles in Hematopoietic and Nonhematopoietic Cells. <i>American Journal of Pathology</i> , 2018, 188, 1161-1170.	1.9	16
44	Helminth infections predispose mice to pneumococcal pneumonia but not to other pneumonic pathogens. <i>Medical Microbiology and Immunology</i> , 2014, 203, 357-364.	2.6	14
45	Tuft cells in the pathogenesis of chronic rhinosinusitis with nasal polyps and asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 126, 143-151.	0.5	14
46	The Baculovirus Anti-apoptotic p35 Protein Promotes Transformation of Mouse Embryo Fibroblasts. <i>Journal of Biological Chemistry</i> , 1998, 273, 10376-10380.	1.6	13
47	IL-4 <sup>hi</sup> mice with lethal <i>Mesocostoides corti</i> infections reduced Th2 cytokines and alternatively activated macrophages. <i>Parasite Immunology</i> , 2009, 31, 741-749.	0.7	13
48	TGF- $\beta$ -Responsive Myeloid Cells Suppress Type 2 Immunity and Emphysematous Pathology after Hookworm Infection. <i>American Journal of Pathology</i> , 2012, 181, 897-906.	1.9	13
49	Perusal of parasitic nematode genomics in the post-genomic era. <i>Molecular and Biochemical Parasitology</i> , 2017, 215, 11-22.	0.5	13
50	Neuroimmune regulatory networks of the airway mucosa in allergic inflammatory disease. <i>Journal of Leukocyte Biology</i> , 2021, 111, 209-221.	1.5	13
51	Transgenic expression of a T cell epitope in <i>Strongyloides ratti</i> reveals that helminth-specific CD4+ T cells constitute both Th2 and Treg populations. <i>PLoS Pathogens</i> , 2021, 17, e1009709.	2.1	10
52	<i>Schistosoma mansoni</i> infection induces plasmablast and plasma cell death in the bone marrow and accelerates the decline of host vaccine responses. <i>PLoS Pathogens</i> , 2022, 18, e1010327.	2.1	9
53	The ubiquitin ligase Cul5 regulates CD4+ T cell fate choice and allergic inflammation. <i>Nature Communications</i> , 2022, 13, 2786.	5.8	9
54	LINGO3 regulates mucosal tissue regeneration and promotes TFF2 dependent recovery from colitis. <i>Scandinavian Journal of Gastroenterology</i> , 2021, 56, 791-805.	0.6	8

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55	A Novel Class of Peptides That Induce Apoptosis and Abrogate Tumorigenesis in Vivo. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 208-212.	1.0	7
56	Myeloid-Derived IL-33 Limits the Severity of Dextran Sulfate Sodium-Induced Colitis. <i>American Journal of Pathology</i> , 2021, 191, 266-273.	1.9	7
57	Cell-Intrinsic Wnt4 Influences Conventional Dendritic Cell Fate Determination to Suppress Type 2 Immunity. <i>Journal of Immunology</i> , 2019, 203, 511-519.	0.4	6
58	Trefoil Factor Family: A Troika for Lung Repair and Regeneration. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 252-259.	1.4	5
59	“Every cell is an immune cell; contributions of non-hematopoietic cells to anti-helminth immunity”; <i>Mucosal Immunology</i> , 2022, 15, 1199-1211.	2.7	5
60	Non-hematopoietic IL-4R $\alpha$ expression contributes to fructose-driven obesity and metabolic sequelae. <i>International Journal of Obesity</i> , 2021, 45, 2377-2387.	1.6	4
61	Alternative Macrophage Activation Is Essential for Survival during Schistosomiasis and Downmodulates T Helper 1 Responses and Immunopathology. <i>Immunity</i> , 2004, 21, 455.	6.6	3
62	Parasitic helminth infections in humans modulate Trefoil Factor levels in a manner dependent on the species of parasite and age of the host. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009550.	1.3	2
63	T Regulatory Cells Influence Decisions between Concomitant Immunity versus Sterile Cure. <i>Journal of Immunology</i> , 2021, 207, 3-4.	0.4	0
64	Sonic Hedgehog Acts Via A Smoothened-Dependent Pathway As A Macrophage Chemoattractant. <i>FASEB Journal</i> , 2013, 27, 948.4.	0.2	0