

Danielle J Smyth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/516900/publications.pdf>

Version: 2024-02-01

39
papers

2,864
citations

331670

21
h-index

289244

40
g-index

45
all docs

45
docs citations

45
times ranked

4108
citing authors

#	ARTICLE	IF	CITATIONS
1	The IL-25-dependent tuft cell circuit driven by intestinal helminths requires macrophage migration inhibitory factor (MIF). <i>Mucosal Immunology</i> , 2022, 15, 1243-1256.	6.0	18
2	Convergent evolution of a parasite-encoded complement control protein-scaffold to mimic binding of mammalian TGF- β 2 to its receptors, T β RI and T β RII. <i>Journal of Biological Chemistry</i> , 2022, 298, 101994.	3.4	12
3	Suppression of airway allergic eosinophilia by <i>Hp</i> -TGM, a helminth mimic of TGF- β 2. <i>Immunology</i> , 2022, 167, 197-211.	4.4	11
4	Prostaglandin E ₂ promotes intestinal inflammation via inhibiting microbiota-dependent regulatory T cells. <i>Science Advances</i> , 2021, 7, .	10.3	44
5	Induction of stable human FOXP3 ⁺ Tregs by a parasite-derived TGF- β 2 mimic. <i>Immunology and Cell Biology</i> , 2021, 99, 833-847.	2.3	17
6	The parasite cytokine mimic <i>Hp</i> -TGM potently replicates the regulatory effects of TGF- β 2 on murine CD4 ⁺ T cells. <i>Immunology and Cell Biology</i> , 2021, 99, 848-864.	2.3	17
7	Oral delivery of a functional algal-expressed TGF- β 2 mimic halts colitis in a murine DSS model. <i>Journal of Biotechnology</i> , 2021, 340, 1-12.	3.8	15
8	Characterisation of the secreted apyrase family of <i>Heligmosomoides polygyrus</i> . <i>International Journal for Parasitology</i> , 2021, 51, 39-48.	3.1	5
9	IL-33: A central cytokine in helminth infections. <i>Seminars in Immunology</i> , 2021, 53, 101532.	5.6	20
10	Macrophage Migration Inhibitory Factor (MIF) Is Essential for Type 2 Effector Cell Immunity to an Intestinal Helminth Parasite. <i>Frontiers in Immunology</i> , 2019, 10, 2375.	4.8	26
11	A Macrophage-Pericyte Axis Directs Tissue Restoration via Amphiregulin-Induced Transforming Growth Factor Beta Activation. <i>Immunity</i> , 2019, 50, 645-654.e6.	14.3	141
12	TGF- β 2 mimic proteins form an extended gene family in the murine parasite <i>Heligmosomoides polygyrus</i> . <i>International Journal for Parasitology</i> , 2018, 48, 379-385.	3.1	39
13	A Context-Dependent Role for β 1 Integrins in Regulatory T Cell Accumulation at Sites of Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 264.	4.8	8
14	Extracorporeal membrane oxygenation line-associated complications: in vitro testing of cyanoacrylate tissue adhesive and securement devices to prevent infection and dislodgement. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 6.	1.9	16
15	HpARI Protein Secreted by a Helminth Parasite Suppresses Interleukin-33. <i>Immunity</i> , 2017, 47, 739-751.e5.	14.3	130
16	A structurally distinct TGF- β 2 mimic from an intestinal helminth parasite potently induces regulatory T cells. <i>Nature Communications</i> , 2017, 8, 1741.	12.8	159
17	Intestinal epithelial tuft cells initiate type 2 mucosal immunity to helminth parasites. <i>Nature</i> , 2016, 529, 226-230.	27.8	706
18	Prostaglandin E ₂ constrains systemic inflammation through an innate lymphoid cell-IL-22 axis. <i>Science</i> , 2016, 351, 1333-1338.	12.6	156

#	ARTICLE	IF	CITATIONS
19	TGF- β 2 in tolerance, development and regulation of immunity. <i>Cellular Immunology</i> , 2016, 299, 14-22.	3.0	75
20	Cultivation of <i>Heligmosomoides Polygyrus</i> ; An Immunomodulatory Nematode Parasite and its Secreted Products. <i>Journal of Visualized Experiments</i> , 2015, , e52412.	0.3	67
21	A role for helminth parasites in achieving immunological tolerance in transplantation. <i>Lancet</i> , The, 2015, 385, S50.	13.7	4
22	Helminths in the hygiene hypothesis: sooner or later?. <i>Clinical and Experimental Immunology</i> , 2014, 177, 38-46.	2.6	94
23	DrsG from <i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> Inhibits the Antimicrobial Peptide LL-37. <i>Infection and Immunity</i> , 2014, 82, 2337-2344.	2.2	10
24	Conjugative transfer of ICESde3396 between three β -hemolytic streptococcal species. <i>BMC Research Notes</i> , 2014, 7, 521.	1.4	5
25	Hookworm Excretory/Secretory Products Induce Interleukin-4 (IL-4) \times IL-10 \times CD4 \times T Cell Responses and Suppress Pathology in a Mouse Model of Colitis. <i>Infection and Immunity</i> , 2013, 81, 2104-2111.	2.2	102
26	Activation of <i>Nippostrongylus brasiliensis</i> infective larvae is regulated by a pathway distinct from the hookworm <i>Ancylostoma caninum</i> . <i>International Journal for Parasitology</i> , 2010, 40, 1619-1628.	3.1	28
27	A Cytochrome b561 with Ferric Reductase Activity from the Parasitic Blood Fluke, <i>Schistosoma japonicum</i> . <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e884.	3.0	12
28	Proteomics Analysis of the Excretory/Secretory Component of the Blood-feeding Stage of the Hookworm, <i>Ancylostoma caninum</i> . <i>Molecular and Cellular Proteomics</i> , 2009, 8, 109-121.	3.8	167
29	Cloning and characterization of an orphan seven transmembrane receptor from <i>Schistosoma mansoni</i> . <i>Parasitology</i> , 2007, 134, 2001-2008.	1.5	3
30	Tetraspanins on the surface of <i>Schistosoma mansoni</i> are protective antigens against schistosomiasis. <i>Nature Medicine</i> , 2006, 12, 835-840.	30.7	359
31	Identification of membrane-bound and secreted proteins from <i>Echinococcus granulosus</i> by signal sequence trap. <i>International Journal for Parasitology</i> , 2006, 36, 123-130.	3.1	8
32	Two Isoforms of a Divalent Metal Transporter (DMT1) in <i>Schistosoma mansoni</i> Suggest a Surface-associated Pathway for Iron Absorption in Schistosomes. <i>Journal of Biological Chemistry</i> , 2006, 281, 2242-2248.	3.4	25
33	In vitro and in silico analysis of signal peptides from the human blood fluke, <i>Schistosoma mansoni</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2005, 45, 201-211.	2.7	17
34	A pore-forming haemolysin from the hookworm, <i>Ancylostoma caninum</i> . <i>International Journal for Parasitology</i> , 2004, 34, 1029-1035.	3.1	32
35	The fugitive LTR retrotransposon from the genome of the human blood fluke, <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2004, 34, 1365-1375.	3.1	19
36	Selectable marker-free transgenic barley producing a high level of cellulase (1,4- β -glucanase) in developing grains. <i>Plant Cell Reports</i> , 2003, 21, 1088-1094.	5.6	66

#	ARTICLE	IF	CITATIONS
37	Isolation of cDNAs Encoding Secreted and Transmembrane Proteins from <i>Schistosoma mansoni</i> by a Signal Sequence Trap Method. <i>Infection and Immunity</i> , 2003, 71, 2548-2554.	2.2	61
38	Recombinant paramyosin (rec-Sj-97) tested for immunogenicity and vaccine efficacy against <i>Schistosoma japonicum</i> in mice and water buffaloes. <i>Vaccine</i> , 2001, 20, 870-878.	3.8	55
39	Proteolysis of human hemoglobin by schistosome cathepsin D. <i>Molecular and Biochemical Parasitology</i> , 2001, 112, 103-112.	1.1	108