

Laure Dumoutier

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

6,502
citations

35
h-index

80
g-index

85
ext. papers

7,194
ext. citations

6.3
avg, IF

5.18
L-index

#	Paper	IF	Citations
73	Blocking GARP-mediated activation of TGF- β did not alter innate or adaptive immune responses to bacterial infection or protein immunization in mice.. <i>Cancer Immunology, Immunotherapy</i> , 2022 , 1	7.4	0
72	Development of SARS-CoV2 humoral response including neutralizing antibodies is not sufficient to protect patients against fatal infection.. <i>Scientific Reports</i> , 2022 , 12, 2077	4.9	0
71	JAK/STAT: Why choose a classical or an alternative pathway when you can have both?. <i>Journal of Cellular and Molecular Medicine</i> , 2022 ,	5.6	2
70	Inflammation-Induced Coagulopathy Substantially Differs Between COVID-19 and Septic Shock: A Prospective Observational Study.. <i>Frontiers in Medicine</i> , 2021 , 8, 780750	4.9	1
69	A Targetable, Noncanonical Signal Transducer and Activator of Transcription 3 Activation Induced by the Y-Less Region of IL-22 Receptor Orchestrates Imiquimod-Induced Psoriasis-Like Dermatitis in Mice. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 2668-2678.e6	4.3	4
68	Rotavirus susceptibility of antibiotic-treated mice ascribed to diminished expression of interleukin-22. <i>PLoS ONE</i> , 2021 , 16, e0247738	3.7	1
67	Ozone-Induced Aryl Hydrocarbon Receptor Activation Controls Lung Inflammation via Interleukin-22 Modulation. <i>Frontiers in Immunology</i> , 2020 , 11, 144	8.4	18
66	IL-9 exerts biological function on antigen-experienced murine T _H cells and exacerbates colitis induced by adoptive transfer. <i>European Journal of Immunology</i> , 2020 , 50, 1034-1043	6.1	2
65	Microenvironmental Th9 and Th17 lymphocytes induce metastatic spreading in lung cancer. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3560-3575	15.9	46
64	Implication of T Helper Cytokines in Contact Dermatitis and Atopic Dermatitis. <i>Current Treatment Options in Allergy</i> , 2020 , 7, 258-273	1	
63	Selective inhibition of STAT3 signaling using monobodies targeting the coiled-coil and N-terminal domains. <i>Nature Communications</i> , 2020 , 11, 4115	17.4	16
62	IL-6 and IL-1 β expression is increased in autologous serum skin test of patients with chronic spontaneous urticaria. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 2522-2524	9.3	2
61	Increased expression of IL-24 in chronic spontaneous urticaria. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1811-1813	9.3	7
60	Endogenous IL-22 is dispensable for experimental glomerulonephritis. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 316, F712-F722	4.3	5
59	IL-24 contributes to skin inflammation in Para-Phenylenediamine-induced contact hypersensitivity. <i>Scientific Reports</i> , 2019 , 9, 1852	4.9	14
58	The TLR7 ligand R848 prevents mouse graft--host disease and cooperates with anti-interleukin-27 antibody for maximal protection and regulatory T-cell upregulation. <i>Haematologica</i> , 2019 , 104, 392-402	6.6	7
57	Interleukin-22-deficiency and microbiota contribute to the exacerbation of <i>Toxoplasma gondii</i> -induced intestinal inflammation. <i>Mucosal Immunology</i> , 2018 , 11, 1181-1190	9.2	17

56	Omalizumab in chronic spontaneous urticaria: A real-life experience of dose and intervals adjustments in Belgium. <i>Annals of Allergy, Asthma and Immunology</i> , 2018 , 121, 620-622	3.2	5
55	Increased expression of interleukin-9 in patients with allergic contact dermatitis caused by p-phenylenediamine. <i>Contact Dermatitis</i> , 2018 , 79, 346-355	2.7	8
54	Ccr6 Is Dispensable for the Development of Skin Lesions Induced by Imiquimod despite its Effect on Epidermal Homing of IL-22-Producing Cells. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 1094-1103	4.3	13
53	Limited Presence of IL-22 Binding Protein, a Natural IL-22 Inhibitor, Strengthens Psoriatic Skin Inflammation. <i>Journal of Immunology</i> , 2017 , 198, 3671-3678	5.3	39
52	Interleukin-22 level is negatively correlated with neutrophil recruitment in the lungs in a <i>Pseudomonas aeruginosa</i> pneumonia model. <i>Scientific Reports</i> , 2017 , 7, 11010	4.9	26
51	Flagellin-Mediated Protection against Intestinal <i>Yersinia pseudotuberculosis</i> Infection Does Not Require Interleukin-22. <i>Infection and Immunity</i> , 2017 , 85,	3.7	6
50	AhR modulates the IL-22-producing cell proliferation/recruitment in imiquimod-induced psoriasis mouse model. <i>European Journal of Immunology</i> , 2016 , 46, 1449-59	6.1	24
49	Monoclonal antibodies against GARP/TGF- β complexes inhibit the immunosuppressive activity of human regulatory T cells in vivo. <i>Science Translational Medicine</i> , 2015 , 7, 284ra56	17.5	88
48	Interferon- β and interleukin 22 act synergistically for the induction of interferon-stimulated genes and control of rotavirus infection. <i>Nature Immunology</i> , 2015 , 16, 698-707	19.1	200
47	Intestinal epithelial MyD88 is a sensor switching host metabolism towards obesity according to nutritional status. <i>Nature Communications</i> , 2014 , 5, 5648	17.4	160
46	Improvement of psoriasis during glucagon-like peptide-1 analogue therapy in type 2 diabetes is associated with decreasing dermal T-cell number: a prospective case-series study. <i>British Journal of Dermatology</i> , 2014 , 171, 155-61	4	29
45	Interleukin-22 reduces lung inflammation during influenza A virus infection and protects against secondary bacterial infection. <i>Journal of Virology</i> , 2013 , 87, 6911-24	6.6	110
44	Characterization of the T cell response in allergic contact dermatitis caused by corticosteroids. <i>Contact Dermatitis</i> , 2013 , 68, 357-68	2.7	15
43	Contributions of IL-22 to TH17 Responses: Repairing and Protecting Peripheral Tissues 2013 , 55-69		
42	Crucial role of gamma interferon-producing CD4+ Th1 cells but dispensable function of CD8+ T cell, B cell, Th2, and Th17 responses in the control of <i>Brucella melitensis</i> infection in mice. <i>Infection and Immunity</i> , 2012 , 80, 4271-80	3.7	64
41	Interleukin-22 is produced by invariant natural killer T lymphocytes during influenza A virus infection: potential role in protection against lung epithelial damages. <i>Journal of Biological Chemistry</i> , 2012 , 287, 8816-29	5.4	134
40	IL-22 is required for imiquimod-induced psoriasiform skin inflammation in mice. <i>Journal of Immunology</i> , 2012 , 188, 462-9	5.3	226
39	Induction of autoantibodies against mouse soluble proteins after immunization with living cells presenting the autoantigen at the cell surface in fusion with a human type 2 transmembrane protein. <i>Journal of Immunological Methods</i> , 2011 , 367, 56-62	2.5	10

38	IL-22 is produced by α -independent CD25 ⁺ CCR6 ⁺ innate murine spleen cells upon inflammatory stimuli and contributes to LPS-induced lethality. <i>European Journal of Immunology</i> , 2011 , 41, 1075-85	6.1	27
37	Dual Role of IL-22 in allergic airway inflammation and its cross-talk with IL-17A. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1153-63	10.2	167
36	Dual TCR expression biases lung inflammation in DO11.10 transgenic mice and promotes neutrophilia via microbiota-induced Th17 differentiation. <i>Journal of Immunology</i> , 2011 , 187, 3530-7	5.3	15
35	IL-17A-producing gammadelta T and Th17 lymphocytes mediate lung inflammation but not fibrosis in experimental silicosis. <i>Journal of Immunology</i> , 2010 , 184, 6367-77	5.3	110
34	TLR5 signaling stimulates the innate production of IL-17 and IL-22 by CD3(neg)CD127 ⁺ immune cells in spleen and mucosa. <i>Journal of Immunology</i> , 2010 , 185, 1177-85	5.3	113
33	Structure and function of interleukin-22 and other members of the interleukin-10 family. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 2909-35	10.3	35
32	The natural cytotoxicity receptor NKp46 is dispensable for IL-22-mediated innate intestinal immune defense against <i>Citrobacter rodentium</i> . <i>Journal of Immunology</i> , 2009 , 183, 6579-87	5.3	89
31	New activation modus of STAT3: a tyrosine-less region of the interleukin-22 receptor recruits STAT3 by interacting with its coiled-coil domain. <i>Journal of Biological Chemistry</i> , 2009 , 284, 26377-84	5.4	53
30	Crystal structure of a soluble decoy receptor IL-22BP bound to interleukin-22. <i>FEBS Letters</i> , 2009 , 583, 1072-7	3.8	38
29	Proinflammatory role of the Th17 cytokine interleukin-22 in collagen-induced arthritis in C57BL/6 mice. <i>Arthritis and Rheumatism</i> , 2009 , 60, 390-5		193
28	Crystallization and preliminary X-ray diffraction analysis of human IL-22 bound to its soluble decoy receptor IL-22BP. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009 , 65, 102-4		1
27	Contributions of IL-22 to Th17 responses: Repairing and protecting peripheral tissues 2009 , 49-60		
26	The aryl hydrocarbon receptor links TH17-cell-mediated autoimmunity to environmental toxins. <i>Nature</i> , 2008 , 453, 106-9	50.4	1247
25	Crystal structure of the IL-22/IL-22R1 complex and its implications for the IL-22 signaling mechanism. <i>FEBS Letters</i> , 2008 , 582, 2985-92	3.8	69
24	Interleukin-22 forms dimers that are recognized by two interleukin-22R1 receptor chains. <i>Biophysical Journal</i> , 2008 , 94, 1754-65	2.9	40
23	Interferon-lambda contributes to innate immunity of mice against influenza A virus but not against hepatotropic viruses. <i>PLoS Pathogens</i> , 2008 , 4, e1000151	7.6	249
22	Recombinant interleukin-24 lacks apoptosis-inducing properties in melanoma cells. <i>PLoS ONE</i> , 2007 , 2, e1300	3.7	27
21	IL-22 is expressed by Th17 cells in an IL-23-dependent fashion, but not required for the development of autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2007 , 179, 8098-104	5.3	270

20	Divergent roles of IFNs in the sensitization to endotoxin shock by lactate dehydrogenase-elevating virus. <i>International Immunology</i> , 2007 , 19, 1303-11	4.9	7
19	Interleukin-22 and its crystal structure. <i>Vitamins and Hormones</i> , 2006 , 74, 77-103	2.5	9
18	Alpha and lambda interferon together mediate suppression of CD4 T cells induced by respiratory syncytial virus. <i>Journal of Virology</i> , 2006 , 80, 5032-40	6.6	97
17	IL-22 and Its Receptors, New Players in the Inflammatory Network. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2006 , 5, 251-257	2	
16	The T-cell lymphokine interleukin-26 targets epithelial cells through the interleukin-20 receptor 1 and interleukin-10 receptor 2 chains. <i>Journal of Biological Chemistry</i> , 2004 , 279, 33343-51	5.4	106
15	Role of the interleukin (IL)-28 receptor tyrosine residues for antiviral and antiproliferative activity of IL-29/interferon-lambda 1: similarities with type I interferon signaling. <i>Journal of Biological Chemistry</i> , 2004 , 279, 32269-74	5.4	244
14	Cutting edge: IL-26 signals through a novel receptor complex composed of IL-20 receptor 1 and IL-10 receptor 2. <i>Journal of Immunology</i> , 2004 , 172, 2006-10	5.3	134
13	A new member of the interleukin 10-related cytokine family encoded by a poxvirus. <i>Journal of General Virology</i> , 2004 , 85, 1401-1412	4.9	23
12	Cloning of a new type II cytokine receptor activating signal transducer and activator of transcription (STAT)1, STAT2 and STAT3. <i>Biochemical Journal</i> , 2003 , 370, 391-6	3.8	117
11	MAP kinase activation by interleukin-9 in lymphoid and mast cell lines. <i>Oncogene</i> , 2003 , 22, 1763-70	9.2	28
10	Melanoma differentiation-associated gene 7/interleukin (IL)-24 is a novel ligand that regulates angiogenesis via the IL-22 receptor. <i>Cancer Research</i> , 2003 , 63, 5105-13	10.1	133
9	Crystal structure of recombinant human interleukin-22. <i>Structure</i> , 2002 , 10, 1051-62	5.2	107
8	Proapoptotic activity of ITM2B(s), a BH3-only protein induced upon IL-2-deprivation which interacts with Bcl-2. <i>Oncogene</i> , 2002 , 21, 3181-9	9.2	35
7	Interleukin-22 (IL-22) activates the JAK/STAT, ERK, JNK, and p38 MAP kinase pathways in a rat hepatoma cell line. Pathways that are shared with and distinct from IL-10. <i>Journal of Biological Chemistry</i> , 2002 , 277, 33676-82	5.4	347
6	Viral and cellular interleukin-10 (IL-10)-related cytokines: from structures to functions. <i>European Cytokine Network</i> , 2002 , 13, 5-15	3.3	42
5	Cloning and characterization of IL-22 binding protein, a natural antagonist of IL-10-related T cell-derived inducible factor/IL-22. <i>Journal of Immunology</i> , 2001 , 166, 7090-5	5.3	197
4	Cutting edge: STAT activation by IL-19, IL-20 and mda-7 through IL-20 receptor complexes of two types. <i>Journal of Immunology</i> , 2001 , 167, 3545-9	5.3	332
3	Bcl-3 expression promotes cell survival following interleukin-4 deprivation and is controlled by AP1 and AP1-like transcription factors. <i>Molecular and Cellular Biology</i> , 2000 , 20, 3407-16	4.8	93

2	Cloning and characterization of IL-10-related T cell-derived inducible factor (IL-TIF), a novel cytokine structurally related to IL-10 and inducible by IL-9. <i>Journal of Immunology</i> , 2000 , 164, 1814-9	5.3	405
1	Bcl-3 Expression Promotes Cell Survival following Interleukin-4 Deprivation and Is Controlled by AP1 and AP1-Like Transcription Factors. <i>Molecular and Cellular Biology</i> , 2000 , 20, 3407-3416	4.8	4