Michel Gilliet

List of Publications by Year
in descending order

90 papers	20,014 citations	38742 50 h-index	46799 89 g-index
92 all docs	92 docs citations	92 times ranked	19862 citing authors

#	Article	IF	Citations
1	Vaccination of melanoma patients with peptide- or tumorlysate-pulsed dendritic cells. Nature Medicine, 1998, 4, 328-332.	30.7	2,689
2	Human epithelial cells trigger dendritic cellâ€“mediated allergic inflammation by producing TSLP. Nature Immunology, 2002, 3, 673-680.	14.5	1,847
3	Plasmacytoid dendritic cells sense self-DNA coupled with antimicrobial peptide. Nature, 2007, 449, 564-569.	27.8	1,684
4	Neutrophils Activate Plasmacytoid Dendritic Cells by Releasing Self-DNAâ€“Peptide Complexes in Systemic Lupus Erythematosus. Science Translational Medicine, 2011, 3, 73ra19.	12.4	1,080
5	Plasmacytoid dendritic cells: sensing nucleic acids in viral infection and autoimmune diseases. Nature Reviews Immunology, 2008, 8, 594-606.	22.7	1,025
6	Plasmacytoid predendritic cells initiate psoriasis through interferon-Î± production. Journal of Experimental Medicine, 2005, 202, 135-143.	8.5	999
7	Self-RNAâ€“antimicrobial peptide complexes activate human dendritic cells through TLR7 and TLR8. Journal of Experimental Medicine, 2009, 206, 1983-1994.	8.5	613
8	Generation of Human CD8 T Regulatory Cells by CD40 Ligandâ€“activated Plasmacytoid Dendritic Cells. Journal of Experimental Medicine, 2002, 195, 695-704.	8.5	589
9	Plasmacytoid dendritic cells prime IL-10â€“producing T regulatory cells by inducible costimulator ligand. Journal of Experimental Medicine, 2007, 204, 105-115.	8.5	569
10	Dendritic cell lineage, plasticity and cross-regulation. Nature Immunology, 2001, 2, 585-589.	14.5	552
11	The Development of Murine Plasmacytoid Dendritic Cell Precursors Is Differentially Regulated by FLT3-ligand and Granulocyte/Macrophage Colony-Stimulating Factor. Journal of Experimental Medicine, 2002, 195, 953-958.	8.5	504
12	Flexibility of Mouse Classical and Plasmacytoid-derived Dendritic Cells in Directing T Helper Type 1 and 2 Cell Development. Journal of Experimental Medicine, 2003, 197, 101-109.	8.5	502
13	Two Functional Subsets of FOXP3+ Regulatory T Cells in Human Thymus and Periphery. Immunity, 2008, 28, 870-880.	14.3	488
14	The antimicrobial peptide LL37 is a T-cell autoantigen in psoriasis. Nature Communications, 2014, 5, 5621.	12.8	427
15	STING activation of tumor endothelial cells initiates spontaneous and therapeutic antitumor immunity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15408-15413.	7.1	404
16	Psoriasis Triggered by Toll-like Receptor 7 Agonist Imiquimod in the Presence of Dermal Plasmacytoid Dendritic Cell Precursors. Archives of Dermatology, 2004, 140, 1490-5.	1.4	364
17	Activation of influenza virusâ€“specific CD4+ and CD8+ T cells: a new role for plasmacytoid dendritic cells in adaptive immunity. Blood, 2003, 101, 3520-3526.	1.4	311
18	Maintenance and Polarization of Human TH2 Central Memory T Cells by Thymic Stromal Lymphopoietin-Activated Dendritic Cells. Immunity, 2006, 24, 827-838.	14.3	295

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19	Plasmacytoid dendritic cells sense skin injury and promote wound healing through type I interferons. Journal of Experimental Medicine, 2010, 207, 2921-2930.	8.5	292
20	The cGASâ€“STING pathway drives type I IFN immunopathology in COVID-19. Nature, 2022, 603, 145-151.	27.8	272
21	Plasmacytoid Dendritic Cells Promote Immunosuppression in Ovarian Cancer via ICOS Costimulation of Foxp3+ T-Regulatory Cells. Cancer Research, 2012, 72, 5240-5249.	0.9	267
22	Ultraviolet radiation-induced injury, chemokines, and leukocyte recruitment: An amplification cycle triggering cutaneous lupus erythematosus. Arthritis and Rheumatism, 2005, 52, 1504-1516.	6.7	214
23	TNF blockade induces a dysregulated type I interferon response without autoimmunity in paradoxical psoriasis. Nature Communications, 2018, 9, 25.	12.8	194
24	TH17 cells promote microbial killing and innate immune sensing of DNA via interleukin 26. Nature Immunology, 2015, 16, 970-979.	14.5	182
25	Disease-Independent Skin Recruitment and Activation of Plasmacytoid Predendritic Cells Following Imiquimod Treatment. Journal of the National Cancer Institute, 2005, 97, 1143-1153.	6.3	173
26	Antimicrobial peptides and self-DNA in autoimmune skin inflammation. Current Opinion in Immunology, 2008, 20, 401-407.	5.5	171
27	OX40 ligand shuts down IL-10-producing regulatory T cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13138-13143.	7.1	170
28	Plasmacytoid dendritic cells: key players in the initiation and regulation of immune responses. Annals of the New York Academy of Sciences, 2010, 1183, 89-103.	3.8	169
29	Dendritic cells up-regulate immunoproteasomes and the proteasome regulator PA28 during maturation. European Journal of Immunology, 1999, 29, 4037-4042.	2.9	165
30	Psoriasis: from Pathogenesis to Targeted Therapies. Clinical Reviews in Allergy and Immunology, 2018, 54, 102-113.	6.5	151
31	Cytosolic sensing of extracellular self-DNA transported into monocytes by the antimicrobial peptide LL37. Blood, 2012, 120, 3699-3707.	1.4	150
32	Human Dendritic Cells Activated by TSLP and CD40L Induce Proallergic Cytotoxic T Cells. Journal of Experimental Medicine, 2003, 197, 1059-1063.	8.5	134
33	Cationic antimicrobial peptides in psoriatic skin cooperate to break innate tolerance to selfâ€ÐNA. European Journal of Immunology, 2015, 45, 203-213.	2.9	129
34	Netting Neutrophils Activate Autoreactive B Cells in Lupus. Journal of Immunology, 2018, 200, 3364-3371.	0.8	124
35	Drosophila melanogaster as a model host to dissect the immunopathogenesis of zygomycosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9367-9372.	7.1	123
36	Interleukin 23â€“Helper T Cell 17 Axis as a Treatment Target for Pityriasis Rubra Pilaris. JAMA Dermatology, 2017, 153, 304.	4.1	111

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37	Plasmacytoid dendritic cells: one-trick ponies or workhorses of the immune system?. Nature Reviews Immunology, 2011, 11, 558-565.	22.7	109
38	Diversification of human plasmacytoid predendritic cells in response to a single stimulus. Nature Immunology, 2018, 19, 63-75.	14.5	106
39	Generation of IL-23 Producing Dendritic Cells (DCs) by Airborne Fungi Regulates Fungal Pathogenicity via the Induction of TH-17 Responses. PLoS ONE, 2010, 5, e12955.	2.5	105
40	Human plasmacytoid-derived dendritic cells and the induction of T-regulatory cells. Human Immunology, 2002, 63, 1149-1155.	2.4	101
41	The commensal skin microbiota triggers type I IFNâ€“dependent innate repair responses in injured skin. Nature Immunology, 2020, 21, 1034-1045.	14.5	90
42	Functional expression of the eotaxin receptor CCR3 in CD30+ cutaneous T-cell lymphoma. Blood, 2003, 101, 1487-1493.	1.4	87
43	Liquid-crystalline ordering of antimicrobial peptideâ€“DNA complexes controls TLR9 activation. Nature Materials, 2015, 14, 696-700.	27.5	75
44	Sphingolipids control dermal fibroblast heterogeneity. Science, 2022, 376, eabh1623.	12.6	73
45	Intra-lesional low-dose interferon Î±2a therapy for primary cutaneous marginal zone B-cell lymphoma. Leukemia and Lymphoma, 2006, 47, 865-869.	1.3	63
46	Intranodal injection of semimature monocyte-derived dendritic cells induces T helper type 1 responses to protein neoantigen. Blood, 2003, 102, 36-42.	1.4	59
47	Febrile ulceronecrotic Mucha-Habermann disease with clonality: A cutaneous T-cell lymphoma entity?. Journal of the American Academy of Dermatology, 2004, 51, 1014-1017.	1.2	59
48	Plasmacytoid dendritic cells in the skin: To sense or not to sense nucleic acids. Seminars in Immunology, 2009, 21, 101-109.	5.6	56
49	IL-17 receptor AÂand adenosine deaminase 2 deficiency in siblings with recurrent infections and chronic inflammation. Journal of Allergy and Clinical Immunology, 2016, 137, 1189-1196.e2.	2.9	54
50	Helical antimicrobial peptides assemble into protofibril scaffolds that present ordered dsDNA to TLR9. Nature Communications, 2019, 10, 1012.	12.8	53
51	PASS Syndrome: An IL-1-Driven Autoinflammatory Disease. Dermatology, 2016, 232, 254-258.	2.1	51
52	Nucleic acid-containing amyloid fibrils potently induce type I interferon and stimulate systemic autoimmunity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14550-14555.	7.1	48
53	Chemokines in the Pathogenesis of Lichenoid Tissue Reactions. Journal of Investigative Dermatology, 2009, 129, 315-319.	0.7	47
54	IL-26 contributes to host defense against intracellular bacteria. Journal of Clinical Investigation, 2019, 129, 1926-1939.	8.2	42

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55	Swiss S1 Guidelines on the Systemic Treatment of Psoriasis Vulgaris. Dermatology, 2016, 232, 385-406.	2.1	39
56	Impairment of both IRE1 expression and XBP1 activation is a hallmark of GCB DLBCL and contributes to tumor growth. Blood, 2017, 129, 2420-2428.	1.4	38
57	Comparison of Molecular Signatures from Multiple Skin Diseases Identifies Mechanisms of Immunopathogenesis. Journal of Investigative Dermatology, 2015, 135, 151-159.	0.7	35
58	Efficacy and Survival of Systemic Psoriasis Treatments: An Analysis of the Swiss Registry SDNTT. Dermatology, 2016, 232, 640-647.	2.1	32
59	Pharmacological <scp>eEF</scp> 2K activation promotes cell death and inhibits cancer progression. EMBO Reports, 2016, 17, 1471-1484.	4.5	32
60	Th17 micro-milieu regulates NLRP1-dependent caspase-5 activity in skin autoinflammation. PLoS ONE, 2017, 12, e0175153.	2.5	31
61	Use of Dipeptidyl-Peptidase IV Inhibitors and Bullous Pemphigoid. Dermatology, 2017, 233, 401-403.	2.1	30
62	Transcriptional profiles reveal a stepwise developmental program of memory CD8+ T cell differentiation. Vaccine, 2015, 33, 914-923.	3.8	29
63	TGFÎ², Fibronectin and Integrin Î±5Î²1 Promote Invasion in Basal Cell Carcinoma. Journal of Investigative Dermatology, 2018, 138, 2432-2442.	0.7	29
64	Mature dendritic cells can enhance CD8+ cell noncytotoxic anti-HIV responses: the role of IL-15. Blood, 2004, 103, 2699-2704.	1.4	26
65	Long-Term Remission of an Aggressive Sebaceous Carcinoma following Chemotherapy. Case Reports in Dermatology, 2014, 6, 80-84.	0.8	21
66	IL-1Î² Induces the Rapid Secretion of the Antimicrobial Protein IL-26 from Th17 Cells. Journal of Immunology, 2019, 203, 911-921.	0.8	21
67	IL-32Î³ potentiates tumor immunity in melanoma. JCI Insight, 2020, 5, .	5.0	20
68	Type I IFNs at the Interface between Cutaneous Immunity and Epidermal Remodeling. Journal of Investigative Dermatology, 2012, 132, 1759-1762.	0.7	18
69	Plasmacytoid Dendritic Cells in Melanoma: Can We Revert Bad into Good?. Journal of Investigative Dermatology, 2014, 134, 1797-1800.	0.7	18
70	Superiority in Quality of Life Improvement of Biologics over Conventional Systemic Drugs in a Swiss Real-Life Psoriasis Registry. Dermatology, 2016, 232, 655-663.	2.1	18
71	A review of immune amplification via ligand clustering by self-assembled liquidâ€“crystalline DNA complexes. Advances in Colloid and Interface Science, 2016, 232, 17-24.	14.7	18
72	Plasmacytoid dendritic cells and regulatory T cells in the tumor microenvironment. OncoImmunology, 2013, 2, e23887.	4.6	17

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73	Autophagy links antimicrobial activity with antigen presentation in Langerhans cells. JCI Insight, 2019, 4, .	5.0	17
74	Drug Repurposing Approach Identifies a Synergistic Drug Combination of an Antifungal Agent and an Experimental Organometallic Drug for Melanoma Treatment. Molecular Pharmaceutics, 2018, 15, 116-126.	4.6	16
75	CD28 Deficiency Enhances Type I IFN Production by Murine Plasmacytoid Dendritic Cells. Journal of Immunology, 2016, 196, 1900-1909.	0.8	15
76	Psoriasis Caught in the NET. Journal of Investigative Dermatology, 2019, 139, 1426-1429.	0.7	12
77	Interleukin-26 activates macrophages and facilitates killing of Mycobacterium tuberculosis. Scientific Reports, 2020, 10, 17178.	3.3	12
78	Immune sensing of nucleic acids in inflammatory skin diseases. Seminars in Immunopathology, 2014, 36, 519-529.	6.1	11
79	Anti-TNF Therapy in the Treatment of Psoriasis in a Patient with Acute-on-Chronic Pancreatitis. Dermatology, 2013, 227, 193-196.	2.1	9
80	Designer cells finely tuned for therapy. Science, 2015, 350, 1478-1479.	12.6	7
81	Colonisation of basal cell carcinoma by lentigo maligna: a case report, review of the literature, and series follow-up. European Journal of Dermatology, 2016, 26, 465-469.	0.6	7
82	Xenotransplantation Model of Psoriasis. Methods in Molecular Biology, 2017, 1559, 83-90.	0.9	7
83	Generation of Monoclonal Antibodies Specific for Native LL37 and Citrullinated LL37 That Discriminate the Two LL37 Forms in the Skin and Circulation of Cutaneous/Systemic Lupus Erythematosus and Rheumatoid Arthritis Patients. Antibodies, 2020, 9, 14.	2.5	5
84	Cutaneous presentation of enteropathy-associated T-cell lymphoma masquerading as a DUSP22-rearranged CD30+â€‰lymphoproliferation. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2022, 481, 653-657.	2.8	3
85	Purpura of the Face and Neck: An Atypical Clinical Presentation Revealing a Hepatosplenic T Cell Lymphoma. Case Reports in Dermatology, 2014, 6, 37-42.	0.8	2
86	Non-Melanoma Skin Cancers of the Fronto-Temporal Area Preferentially Localize in the Proximity of Arterial Blood Vessels. Dermatology, 2017, 233, 199-204.	2.1	2
87	European Society for Dermatological ResearchÂ(ESDR): Shifting Scope and Expanding Boundaries, Promoting CutaneousÂBiology Research across EuropeÂand beyond. Journal of Investigative Dermatology, 2017, 137, 1817-1819.	0.7	2
88	The Skin Science Foundation: Promoting Skin Health through Research. Journal of Investigative Dermatology, 2020, 140, S189-S190.	0.7	2
89	Targeted therapies and precision medicine for inflammatory skin diseases. European Journal of Dermatology, 2019, 29, 19-24.	0.6	2
90	<i>Dr. Michel Gilliet</i>. Nishinihon Journal of Dermatology, 2018, 80, 255-256.	0.0	0