

Thomas S Kupper

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

11,341
citations

50276

46
h-index

58581

82
g-index

89
all docs

89
docs citations

89
times ranked

14068
citing authors

#	ARTICLE	IF	CITATIONS
1	Skin infection generates non-migratory memory CD8+ TRM cells providing global skin immunity. <i>Nature</i> , 2012, 483, 227-231.	27.8	740
2	The Vast Majority of CLA+ T Cells Are Resident in Normal Skin. <i>Journal of Immunology</i> , 2006, 176, 4431-4439.	0.8	674
3	Immune surveillance in the skin: mechanisms and clinical consequences. <i>Nature Reviews Immunology</i> , 2004, 4, 211-222.	22.7	656
4	Cutaneous lymphocyte antigen is a specialized form of PSGL-1 expressed on skin-homing T cells. <i>Nature</i> , 1997, 389, 978-981.	27.8	520
5	Survival of tissue-resident memory T cells requires exogenous lipid uptake and metabolism. <i>Nature</i> , 2017, 543, 252-256.	27.8	520
6	Melanoma Cell-Intrinsic PD-1 Receptor Functions Promote Tumor Growth. <i>Cell</i> , 2015, 162, 1242-1256.	28.9	507
7	Human skin is protected by four functionally and phenotypically discrete populations of resident and recirculating memory T cells. <i>Science Translational Medicine</i> , 2015, 7, 279ra39.	12.4	467
8	The emerging role of resident memory T cells in protective immunity and inflammatory disease. <i>Nature Medicine</i> , 2015, 21, 688-697.	30.7	455
9	SÅ©zary syndrome and mycosis fungoides arise from distinct T-cell subsets: a biologic rationale for their distinct clinical behaviors. <i>Blood</i> , 2010, 116, 767-771.	1.4	440
10	Inflammatory Skin Diseases, T Cells, and Immune Surveillance. <i>New England Journal of Medicine</i> , 1999, 341, 1817-1828.	27.0	435
11	Human Epidermal Langerhans Cells Maintain Immune Homeostasis in Skin by Activating Skin Resident Regulatory T Cells. <i>Immunity</i> , 2012, 36, 873-884.	14.3	381
12	Skin Effector Memory T Cells Do Not Recirculate and Provide Immune Protection in Alemtuzumab-Treated CTCL Patients. <i>Science Translational Medicine</i> , 2012, 4, 117ra7.	12.4	312
13	The Majority of Human Peripheral Blood CD4+CD25highFoxp3+ Regulatory T Cells Bear Functional Skin-Homing Receptors. <i>Journal of Immunology</i> , 2006, 177, 4488-4494.	0.8	254
14	Common clonal origin of central and resident memory T cells following skin immunization. <i>Nature Medicine</i> , 2015, 21, 647-653.	30.7	245
15	The Public Repository of Xenografts Enables Discovery and Randomized Phase II-like Trials in Mice. <i>Cancer Cell</i> , 2016, 29, 574-586.	16.8	227
16	CD8+ T Cells in the Lesional Skin of Atopic Dermatitis and Psoriasis Patients Are an Important Source of IFN-Î³, IL-13, IL-17, and IL-22. <i>Journal of Investigative Dermatology</i> , 2013, 133, 973-979.	0.7	225
17	Epidermal injury and infection during poxvirus immunization is crucial for the generation of highly protective T cell-mediated immunity. <i>Nature Medicine</i> , 2010, 16, 224-227.	30.7	222
18	Human squamous cell carcinomas evade the immune response by down-regulation of vascular E-selectin and recruitment of regulatory T cells. <i>Journal of Experimental Medicine</i> , 2008, 205, 2221-2234.	8.5	210

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19	Clinically resolved psoriatic lesions contain psoriasis-specific IL-17 ⁺ producing \hat{I}^2 T cell clones. Journal of Clinical Investigation, 2017, 127, 4031-4041.	8.2	210
20	The Activated Keratinocyte: A Model for Inducible Cytokine Production by Non-Bone-Marrow-Derived Cells in Cutaneous Inflammatory and Immune Responses. Journal of Investigative Dermatology, 1990, 94, s146-s150.	0.7	203
21	T cells and the skin: from protective immunity to inflammatory skin disorders. Nature Reviews Immunology, 2019, 19, 490-502.	22.7	175
22	Human T _H 9 Cells Are Skin-Tropic and Have Autocrine and Paracrine Proinflammatory Capacity. Science Translational Medicine, 2014, 6, 219ra8.	12.4	172
23	TCR sequencing facilitates diagnosis and identifies mature T cells as the cell of origin in CTCL. Science Translational Medicine, 2015, 7, 308ra158.	12.4	171
24	Viral and metazoan poxins are cGAMP-specific nucleases that restrict cGAS ⁺ STING signalling. Nature, 2019, 566, 259-263.	27.8	164
25	Skin CD4 ⁺ memory T cells exhibit combined cluster-mediated retention and equilibration with the circulation. Nature Communications, 2016, 7, 11514.	12.8	161
26	IL-15 and dermal fibroblasts induce proliferation of natural regulatory T cells isolated from human skin. Blood, 2007, 109, 194-202.	1.4	160
27	Streptococcal pyrogenic exotoxin B cleaves GSDMA and triggers pyroptosis. Nature, 2022, 602, 496-502.	27.8	153
28	Skin disease-related T cells bind to endothelial selectins: expression of cutaneous lymphocyte antigen (CLA) predicts E-selectin but not P-selectin binding. European Journal of Immunology, 1994, 24, 205-210.	2.9	130
29	Epicutaneous immunization with modified vaccinia Ankara viral vectors generates superior T cell immunity against a respiratory viral challenge. Npj Vaccines, 2021, 6, 1.	6.0	123
30	Dynamic Programming of CD8 ⁺ T Cell Trafficking after Live Viral Immunization. Immunity, 2006, 25, 511-520.	14.3	122
31	Human Immunodeficiency Virus-1 Entry Into Purified Blood Dendritic Cells Through CC and CXC Chemokine Coreceptors. Blood, 1997, 90, 1379-1386.	1.4	119
32	Lesional gene expression profiling in cutaneous T-cell lymphoma reveals natural clusters associated with disease outcome. Blood, 2007, 110, 3015-3027.	1.4	115
33	E-Selectin, Thymus- and Activation-Regulated Chemokine/CCL17, and Intercellular Adhesion Molecule-1 Are Constitutively Coexpressed in Dermal Microvessels: A Foundation for a Cutaneous Immunosurveillance System. Journal of Immunology, 2004, 172, 1575-1581.	0.8	111
34	Staged development of long-lived T-cell receptor \hat{I}^2 T H 17 resident memory T-cell population to Candida albicans after skin infection. Journal of Allergy and Clinical Immunology, 2018, 142, 647-662.	2.9	104
35	High-throughput sequencing of the T cell receptor \hat{I}^2 gene identifies aggressive early-stage mycosis fungoides. Science Translational Medicine, 2018, 10, .	12.4	92
36	Immunologic Targets in Psoriasis. New England Journal of Medicine, 2003, 349, 1987-1990.	27.0	89

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37	Transcriptional Profiles Predict Disease Outcome in Patients with Cutaneous T-Cell Lymphoma. <i>Clinical Cancer Research</i> , 2010, 16, 2106-2114.	7.0	76
38	The Use of Transcriptional Profiling to Improve Personalized Diagnosis and Management of Cutaneous T-cell Lymphoma (CTCL). <i>Clinical Cancer Research</i> , 2015, 21, 2820-2829.	7.0	76
39	Mycosis Fungoides and SÅ©zary Syndrome. <i>Hematology/Oncology Clinics of North America</i> , 2019, 33, 103-120.	2.2	72
40	T-Cell Distribution and Adhesion Receptor Expression in Metastatic Melanoma. <i>Clinical Cancer Research</i> , 2007, 13, 2549-2556.	7.0	64
41	Metabolic Reprogramming and Longevity of Tissue-Resident Memory T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1347.	4.8	59
42	Peripheral host T cells survive hematopoietic stem cell transplantation and promote graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 4624-4636.	8.2	55
43	Research Techniques Made Simple: Techniques to Assess Cell Proliferation. <i>Journal of Investigative Dermatology</i> , 2016, 136, e1-e7.	0.7	54
44	Vitamins A and D are potent inhibitors of cutaneous lymphocyte-associated antigen expression. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 148-157.e3.	2.9	52
45	ABC5 Identifies Immunoregulatory Dermal Cells. <i>Cell Reports</i> , 2015, 12, 1564-1574.	6.4	51
46	Biology of the Interleukin-1 Receptor. <i>Journal of Investigative Dermatology</i> , 1990, 94, s68-s73.	0.7	47
47	Embryonic trafficking of Î³Î± T cells to skin is dependent on E/P selectin ligands and CCR4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7443-7448.	7.1	47
48	Inhibiting Janus kinases to treat alopecia areata. <i>Nature Medicine</i> , 2014, 20, 989-990.	30.7	46
49	Alemtuzumab Therapy for Leukemic Cutaneous T-Cell Lymphoma. <i>JAMA Dermatology</i> , 2014, 150, 776.	4.1	45
50	Ectopic Expression of Cancerâ€™Testis Antigens in Cutaneous T-cell Lymphoma Patients. <i>Clinical Cancer Research</i> , 2014, 20, 3799-3808.	7.0	40
51	Ectopic expression of embryonic stem cell and other developmental genes in cutaneous T-cell lymphoma. <i>Oncolmmunology</i> , 2014, 3, e970025.	4.6	38
52	Langerin + Dermal DC, but Not Langerhans Cells, Are Required for Effective CD8-Mediated Immune Responses after Skin Scarification with Vaccinia Virus. <i>Journal of Investigative Dermatology</i> , 2014, 134, 686-694.	0.7	37
53	Mucin 1 is a potential therapeutic target in cutaneous T-cell lymphoma. <i>Blood</i> , 2015, 126, 354-362.	1.4	31
54	Molecular analysis of primary melanoma T cells identifies patients at risk for metastatic recurrence. <i>Nature Cancer</i> , 2020, 1, 197-209.	13.2	30

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55	Old and New: Recent Innovations in Vaccine Biology and Skin T Cells. <i>Journal of Investigative Dermatology</i> , 2012, 132, 829-834.	0.7	29
56	A primary role for human central memory cells in tissue immunosurveillance. <i>Blood Advances</i> , 2018, 2, 292-298.	5.2	27
57	Aprepitant for refractory cutaneous T-cell lymphoma-associated pruritus: 4 cases and a review of the literature. <i>BMC Cancer</i> , 2017, 17, 200.	2.6	24
58	Radiotherapy Eradicates Malignant T Cells and Is Associated with Improved Survival in Early-Stage Mycosis Fungoides. <i>Clinical Cancer Research</i> , 2020, 26, 408-418.	7.0	23
59	Skin-resident natural killer T cells participate in cutaneous allergic inflammation in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1764-1777.	2.9	23
60	Palliative Therapy for Recalcitrant Cutaneous T-Cell Lymphoma of the Hands and Feet With Low-Dose, High Dose-Rate Brachytherapy. <i>JAMA Dermatology</i> , 2015, 151, 1354.	4.1	19
61	Medical Scribes in an Academic Dermatology Practice. <i>JAMA Dermatology</i> , 2018, 154, 101.	4.1	19
62	Central memory T cells are the most effective precursors of resident memory T cells in human skin. <i>Science Immunology</i> , 2022, 7, eabn1889.	11.9	17
63	Toward an Objective Diagnostic Test for Bacterial Cellulitis. <i>PLoS ONE</i> , 2016, 11, e0162947.	2.5	16
64	Failure of antibiotics in cellulitis trials: a systematic review and meta-analysis. <i>American Journal of Emergency Medicine</i> , 2016, 34, 1645-1652.	1.6	16
65	FABP5 as a possible biomarker in atopic march: FABP5-induced Th17 polarization, both in mouse model and human samples. <i>EBioMedicine</i> , 2020, 58, 102879.	6.1	14
66	Adhesion Molecules in Scleroderma: Collagen Binding Integrins. <i>International Reviews of Immunology</i> , 1995, 12, 217-225.	3.3	13
67	IL1 β Antagonizes IL1 γ and Promotes Adaptive Immune Rejection of Malignant Tumors. <i>Cancer Immunology Research</i> , 2020, 8, 660-671.	3.4	13
68	IL-1R Type 1 Deficient Mice Demonstrate an Impaired Host Immune Response against Cutaneous Vaccinia Virus Infection. <i>Journal of Immunology</i> , 2017, 198, 4341-4351.	0.8	12
69	T-cell trafficking plays an essential role in tumor immunity. <i>Laboratory Investigation</i> , 2019, 99, 85-92.	3.7	11
70	Histopathologic spectrum of hypersensitivity reactions associated with anti-CD52 therapy (alemtuzumab). <i>Journal of Cutaneous Pathology</i> , 2016, 43, 989-993.	1.3	10
71	Decitabine Priming Enhances Mucin 1 Inhibition Mediated Disruption of Redox Homeostasis in Cutaneous T-Cell Lymphoma. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2304-2314.	4.1	10
72	Mogamulizumab Forecast: Clearer Patients, with a Slight Chance of Immune Mayhem. <i>Clinical Cancer Research</i> , 2019, 25, 7272-7274.	7.0	10

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73	Human Immunodeficiency Virus-1 Entry Into Purified Blood Dendritic Cells Through CC and CXC Chemokine Coreceptors. <i>Blood</i> , 1997, 90, 1379-1386.	1.4	8
74	Humanized Mice in Dermatology Research. <i>Journal of Investigative Dermatology</i> , 2015, 135, e39-e43.	0.7	6
75	Cross-Sectional Study Evaluating Skin, Hair, Nail, and Bone Disease in Patients with Focal Dermal Hypoplasia. <i>Pediatric Dermatology</i> , 2017, 34, 197-198.	0.9	6
76	CCR8 is a new therapeutic target in cutaneous T-cell lymphomas. <i>Blood Advances</i> , 2022, 6, 3507-3512.	5.2	6
77	Association of Patient Satisfaction With Medical Scribe Use in an Academic Dermatology Practice. <i>JAMA Dermatology</i> , 2018, 154, 480.	4.1	5
78	The Utility of Transgenic Mouse Models in the Study of Cutaneous Immunology and Inflammation. <i>Journal of Dermatology</i> , 1996, 23, 741-745.	1.2	4
79	Resident Memory T Cells in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1273, 39-68.	1.6	3
80	IL-32 Supports the Survival of Malignant T Cells in Cutaneous T-cell Lymphoma. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2285-2288.e2.	0.7	3
81	A Functional Characterization of BCL2-Family Members Identifies BH3 Mimetics As Potential Therapeutics in T-Cell Lymphomas. <i>Blood</i> , 2016, 128, 292-292.	1.4	2
82	Topical tofacitinib for the management of lymphocytic-variant hypereosinophilic syndrome with cutaneous involvement. <i>Dermatologic Therapy</i> , 2022, 35, e15518.	1.7	1
83	Endothelial cell-lymphocyte interactions. <i>Experimental Dermatology</i> , 2007, 16, 873-874.	2.9	0
84	Decitabine Priming Enhances Mucin 1 Inhibition Mediated Disruption of Redox Homeostasis in Cutaneous T-Cell Lymphoma. <i>Blood</i> , 2016, 128, 4175-4175.	1.4	0
85	Tissue Resident Memory Cells. <i>Blood</i> , 2018, 132, SCI-5-SCI-5.	1.4	0
86	Tumor Clone Frequency Calculation Using High-Throughput Sequencing of the TCR β Gene in Patients with Folliculotropic Mycosis Fungoides. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2544-2546.e2.	0.7	0