Shigetoshi Sano

List of Publications by Year
in descending order

120	4,153	147726 31	114418 63
papers	citations	h-index	g-index

121	121	121	5828
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stat3 links activated keratinocytes and immunocytes required for development of psoriasis in a novel transgenic mouse model. Nature Medicine, 2005, 11, 43-49.	15.2	628
2	Keratinocyte-specific ablation of Stat3 exhibits impaired skin remodeling, but does not affect skin morphogenesis. EMBO Journal, 1999, 18, 4657-4668.	3.5	462
3	The Majority of Generalized Pustular Psoriasis without Psoriasis Vulgaris Is Caused by Deficiency of Interleukin-36 Receptor Antagonist. Journal of Investigative Dermatology, 2013, 133, 2514-2521.	0.3	251
4	Stat3 as a Therapeutic Target for the Treatment of Psoriasis: A Clinical Feasibility Study with STA-21, a Stat3 Inhibitor. Journal of Investigative Dermatology, 2011, 131, 108-117.	0.3	190
5	Genome-Wide Expression Profiling of Five Mouse Models Identifies Similarities and Differences with Human Psoriasis. PLoS ONE, 2011, 6, e18266.	1.1	160
6	Japanese guidelines for the management and treatment of generalized pustular psoriasis: The new pathogenesis and treatment of <scp>GPP</scp>. Journal of Dermatology, 2018, 45, 1235-1270.	0.6	159
7	Impact of Stat3 activation upon skin biology: A dichotomy of its role between homeostasis and diseases. Journal of Dermatological Science, 2008, 50, 1-14.	1.0	157
8	Distinct Roles of IL-23 and IL-17 in the Development of Psoriasis-Like Lesions in a Mouse Model. Journal of Immunology, 2011, 186, 4481-4489.	0.4	148
9	CRISPR-Cas3 induces broad and unidirectional genome editing in human cells. Nature Communications, 2019, 10, 5302.	5.8	127
10	Downregulation of MHC-I Expression Is Prevalent but Reversible in Merkel Cell Carcinoma. Cancer Immunology Research, 2014, 2, 1071-1079.	1.6	120
11	Forced expression of a constitutively active form of Stat3 in mouse epidermis enhances malignant progression of skin tumors induced by two-stage carcinogenesis. Oncogene, 2008, 27, 1087-1094.	2.6	97
12	Guanosine and its modified derivatives are endogenous ligands for TLR7. International Immunology, 2016, 28, 211-222.	1.8	97
13	Signal Transducer and Activator of Transcription 3 Is a Key Regulator of Keratinocyte Survival and Proliferation following UV Irradiation. Cancer Research, 2005, 65, 5720-5729.	0.4	92
14	Guselkumab, a human interleukinâ€23 monoclonal antibody in Japanese patients with generalized pustular psoriasis and erythrodermic psoriasis: Efficacy and safety analyses of a 52â€week, phase 3, multicenter, openâ€label study. Journal of Dermatology, 2018, 45, 529-539.	0.6	88
15	Constitutive activation and targeted disruption of signal transducer and activator of transcription 3 (Stat3) in mouse epidermis reveal its critical role in UVB-induced skin carcinogenesis. Oncogene, 2009, 28, 950-960.	2.6	77
16	Kinetics of circulating Th17 cytokines and adipokines in psoriasis patients. Archives of Dermatological Research, 2011, 303, 451-455.	1.1	74
17	Targeting cell surface TLR7 for therapeutic intervention in autoimmune diseases. Nature Communications, 2015, 6, 6119.	5.8	71
18	Pityriasis Rubra Pilaris Type V as an Autoinflammatory Disease by CARD14 Mutations. JAMA Dermatology, 2017, 153, 66.	2.0	64

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19	Japanese guidance for use of biologics for psoriasis (the 2019 version). Journal of Dermatology, 2020, 47, 201-222.	0.6	58
20	Cathepsin K Is Involved in Development of Psoriasis-like Skin Lesions through TLR-Dependent Th17 Activation. Journal of Immunology, 2013, 190, 4805-4811.	0.4	56
21	Barrier Abnormality Due to Ceramide Deficiency Leads to Psoriasiform Inflammation in a Mouse Model. Journal of Investigative Dermatology, 2013, 133, 2555-2565.	0.3	56
22	Japanese guidance for use of biologics for psoriasis (the 2013 version). Journal of Dermatology, 2013, 40, 683-695.	0.6	53
23	Mesenchymal to Epithelial Transition Induced by Reprogramming Factors Attenuates the Malignancy of Cancer Cells. PLoS ONE, 2016, 11, e0156904.	1.1	49
24	Epidemiological analysis of psoriatic arthritis patients in Japan. Journal of Dermatology, 2016, 43, 1193-1196.	0.6	46
25	Requirement of zinc transporter ZIP10 for epidermal development: Implication of the ZIP10â€“p63 axis in epithelial homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12243-12248.	3.3	45
26	Mouse models of psoriasis and their relevance. Journal of Dermatology, 2018, 45, 252-263.	0.6	41
27	Knockout of the interleukin-36 receptor protects against renal ischemia-reperfusion injury by reduction of proinflammatory cytokines. Kidney International, 2018, 93, 599-614.	2.6	41
28	Psoriatic Inflammation Facilitates the Onset of Arthritis in a Mouse Model. Journal of Investigative Dermatology, 2015, 135, 445-453.	0.3	39
29	Oral administration of a novel RORÎ³t antagonist attenuates psoriasis-like skin lesion of two independent mouse models through neutralization of IL-17. Journal of Dermatological Science, 2017, 85, 12-19.	1.0	35
30	Regnase-1, an Immunomodulator, Limits theÂIL-36/IL-36R Autostimulatory Loop in Keratinocytes to Suppress Skin Inflammation. Journal of Investigative Dermatology, 2018, 138, 1439-1442.	0.3	34
31	Diminished regulatory T cells in cutaneous lesions of thymoma-associated multi-organ autoimmunity: a newly described paraneoplastic autoimmune disorder with fatal clinical course. Clinical and Experimental Immunology, 2011, 166, 164-170.	1.1	32
32	Prevalence and clinical features of Fabry disease in Japanese male patients with diagnosis of hypertrophic cardiomyopathy. Journal of Cardiology, 2017, 69, 302-307.	0.8	30
33	Involvement of TNF-Î± Converting Enzyme in the Development of Psoriasis-Like Lesions in a Mouse Model. PLoS ONE, 2014, 9, e112408.	1.1	27
34	Leucine-rich Î±-2 glycoprotein is an innovative biomarker for psoriasis. Journal of Dermatological Science, 2017, 86, 170-174.	1.0	24
35	Stat3 activation in epidermal keratinocytes induces Langerhans cell activation to form an essential circuit for psoriasis via IL-23 production. Journal of Dermatological Science, 2019, 93, 82-91.	1.0	24
36	Detection of asymptomatic enthesitis in psoriasis patients: An onset of psoriatic arthritis?. Journal of Dermatology, 2016, 43, 650-654.	0.6	22

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37	Prevalence and Genetic Variability of Human Polyomaviruses 6 and 7 in Healthy Skin Among Asymptomatic Individuals. Journal of Infectious Diseases, 2018, 217, 483-493.	1.9	21
38	Clinical and histopathological views of morbilliform rash after COVID-19 mRNA vaccination mimic those in SARS-CoV-2 virus infection-associated cutaneous manifestations. Journal of Dermatological Science, 2021, 103, 124-127.	1.0	20
39	Phylogenetic analysis of Merkel cell polyomavirus based on full-length LT and VP1 gene sequences derived from neoplastic tumours in Japanese patients. Journal of General Virology, 2014, 95, 135-141.	1.3	19
40	Genetic Variability of the Noncoding Control Region of Cutaneous Merkel Cell Polyomavirus: Identification of Geographically Related Genotypes. Journal of Infectious Diseases, 2018, 217, 1601-1611.	1.9	19
41	Prevalence and current therapies of psoriatic arthritis in Japan: A survey by the Japanese Society of Psoriasis Research in 2016. Journal of Dermatology, 2017, 44, e121.	0.6	18
42	Tissue Regeneration: Hair Follicle as a Model. Journal of Investigative Dermatology Symposium Proceedings, 2001, 6, 43-48.	0.8	17
43	High load of Merkel cell polyomavirus DNA detected in the normal skin of Japanese patients with Merkel cell carcinoma. Journal of Clinical Virology, 2016, 82, 101-107.	1.6	16
44	IL-36 Signaling Is Essential for Psoriatic InflammationÂthrough the Augmentation ofÂInnateÂImmune Responses. Journal of Investigative Dermatology, 2019, 139, 1400-1404.	0.3	14
45	Human Polyomavirus 6 with the Asianâ€“Japanese Genotype in Cases of Kimura Disease and Angiolymphoid Hyperplasia with Eosinophilia. Journal of Investigative Dermatology, 2020, 140, 1650-1653.e4.	0.3	14
46	Brief Report: Interleukin-17A-Dependent Asymmetric Stem Cell Divisions Are Increased in Human Psoriasis: A Mechanism Underlying Benign Hyperproliferation. Stem Cells, 2017, 35, 2001-2007.	1.4	13
47	Re-investigating the Basement Membrane Zone of Psoriatic Epidermal Lesions: Is Laminin-511 a New Player in Psoriasis Pathogenesis?. Journal of Histochemistry and Cytochemistry, 2018, 66, 847-862.	1.3	11
48	Real-World Postmarketing Study of the Impact of Adalimumab Treatment on Work Productivity and Activity Impairment in Patients with Psoriatic Arthritis. Advances in Therapy, 2019, 36, 691-707.	1.3	11
49	Prevalence and Viral Loads of Cutaneous Human Polyomaviruses in the Skin of Patients With Chronic Inflammatory Skin Diseases. Journal of Infectious Diseases, 2019, 219, 1564-1573.	1.9	10
50	Psoriasis-like skin lesions are dependent on IL-23 but develop in the absence of IL-22 in a model mouse. Journal of Dermatological Science, 2014, 73, 261-264.	1.0	9
51	Neutrophils are not the dominant interleukinâ€17 producer in psoriasis. Journal of Dermatology, 2017, 44, e170-e171.	0.6	9
52	Psoriasisâ€like lesions in a patient with familial Mediterranean fever. Journal of Dermatology, 2016, 43, 314-317.	0.6	8
53	Novel frameâ€shift mutation in <scp>SERPINB</scp>7 in a Japanese patient with Nagashimaâ€type palmoplantar keratosis. Journal of Dermatology, 2017, 44, 841-843.	0.6	8
54	Lateâ€onset psoriatic arthritis in Japanese patients. Journal of Dermatology, 2019, 46, 169-170.	0.6	8

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55	The involvement of leucine-rich Î±-2 glycoprotein in the progression of skin and lung fibrosis in bleomycin-induced systemic sclerosis model. Modern Rheumatology, 2021, 31, 1120-1128.	0.9	8
56	Skin and hair abnormalities of Cantu syndrome: A congenital hypertrichosis due to a genetic alteration mimicking the pharmacological effect of minoxidil. Journal of Dermatology, 2020, 47, 306-310.	0.6	7
57	Possible involvement of zinc transporter ZIP10 in atopic dermatitis. Journal of Dermatology, 2020, 47, e51-e53.	0.6	7
58	Establishment of a mouse model for postâ€inflammatory hyperpigmentation. Pigment Cell and Melanoma Research, 2021, 34, 101-110.	1.5	7
59	TNF inhibitors directly target Th17 cells via attenuation of autonomous TNF/TNFR2 signalling in psoriasis. Journal of Dermatological Science, 2015, 77, 79-81.	1.0	6
60	Atypical pemphigus with immunoglobulin G autoantibodies against desmoglein 3 and desmocollin 3. Journal of Dermatology, 2016, 43, 429-431.	0.6	6
61	Can patch test sensitization with gold sodium thiosulfate be ruled out? â€“ a case report. Contact Dermatitis, 2018, 78, 94-95.	0.8	6
62	Myosin heavy chain, a novel allergen for fish allergy in patients with atopic dermatitis. British Journal of Dermatology, 2019, 181, 1322-1324.	1.4	6
63	Phosphodiesterase-4 inhibitors reduce the expression of proinflammatory mediators by human epidermal keratinocytes independent of intracellular cAMP elevation. Journal of Dermatological Science, 2020, 100, 230-233.	1.0	6
64	Longâ€term efficacy and safety of tildrakizumab in Japanese patients with moderate to severe plaque psoriasis: Results from a 5â€year extension of a phase 3 study (reSURFACE 1). Journal of Dermatology, 2021, 48, 844-852.	0.6	6
65	The Skinâ€“Liver Axis Modulates the Psoriasiform Phenotype and Involves Leucine-Rich Î±-2 Glycoprotein. Journal of Immunology, 2021, 206, 1469-1477.	0.4	6
66	Skin ulcer at the injection site of BNT162b2 mRNA COVIDâ€19 vaccine. Journal of Dermatology, 2021, 48, e596-e597.	0.6	6
67	Antiâ€transcription intermediary factor 1Î³ antibody titer correlates with clinical symptoms in a patient with recurrent dermatomyositis associated with ovarian cancer. International Journal of Rheumatic Diseases, 2018, 21, 900-902.	0.9	5
68	Human Polyomavirus 6 Detected in Cases of Eosinophilic Pustular Folliculitis. Journal of Infectious Diseases, 2021, 223, 1724-1732.	1.9	5
69	Favorable response to apremilast in a patient with refractory psoriasis verrucosa. Journal of Dermatology, 2019, 46, 544-547.	0.6	4
70	Switching biologics in the treatment of psoriatic arthritis in Japan. Journal of Dermatology, 2019, 46, e113-e114.	0.6	4
71	Efficacy and safety of tildrakizumab in Japanese patients with moderate to severe plaque psoriasis: Results from a 64â€week phase 3 study (reSURFACE 1). Journal of Dermatology, 2021, 48, 853-863.	0.6	4
72	Loss of epidermal Langerhans cells in psoriasiform lesions of de novo induced or worsened preâ€existing psoriasis following uses of immune checkpoint inhibitors. Journal of Dermatology, 2022, 49, 916-920.	0.6	4

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73	Spontaneous remission of aleukemic cutaneous myeloid sarcoma followed by crisis of acute monoblastic leukemia. Journal of Dermatology, 2016, 43, 452-453.	0.6	3
74	Juvenile-onset psoriatic arthritis: a survey by the Japanese Society for Psoriasis Research. European Journal of Dermatology, 2018, 28, 419-421.	0.3	3
75	Use of intralesional blood to determine diffusible biomarkers from skin lesions. Journal of Dermatological Science, 2018, 90, 75-81.	1.0	2
76	Distinct kinetics of two pathologies induced in mice by topical treatment with imiquimod cream: Psoriasis-like inflammation and systemic autoimmunity. Journal of Dermatological Science, 2018, 91, 225-228.	1.0	2
77	Transdifferentiation of Melanoma Cells by the Reprogramming Factors Attenuates Malignant Nature InÂVitro and InÂVivo. Journal of Investigative Dermatology, 2019, 139, 254-257.	0.3	2
78	Case of pigmented skin metastasis of breast carcinoma. Journal of Dermatology, 2021, 48, e476-e477.	0.6	2
79	A Novel Missense Mutation in the <i>ABCA12</i> Gene in Japanese Siblings with Congenital Ichthyosis Erythroderma. Nishinihon Journal of Dermatology, 2019, 81, 382-386.	0.0	2
80	A familial case of periodontal <scp>Ehlersâ€“Danlos</scp> syndrome lacking skin extensibility and joint hypermobility with a missense mutation in <scp> C1R </scp>. Journal of Dermatology, 2022, , .	0.6	2
81	Primary cutaneous adenoid cystic carcinoma arising from folliculitis decalvans. Journal of Dermatology, 2015, 42, 741-743.	0.6	1
82	Chlorothiazideâ€induced photoaggravation of psoriatic lesion during narrowband ultraviolet <scp>B</scp> treatment in a case of psoriasis vulgaris. Journal of Dermatology, 2017, 44, e122-e123.	0.6	1
83	Proposal for longâ€term protocols after Psoriasis Area and Severity Index clear with initial biologic therapy: Happily ever after with or without biologics in psoriasis therapy. Journal of Dermatology, 2017, 44, e234-e235.	0.6	1
84	De novo novel spliceâ€site mutation in FLT4/VEGFR3 is associated with Milroy disease. Journal of Dermatology, 2021, 48, e26-e28.	0.6	1
85	Pralatrexate for refractory mycosis fungoides in two Japanese patients. Journal of Dermatology, 2021, 48, 667-671.	0.6	1
86	The diagnostic utility of Elastica van Gieson stain in hydrophilic polymer embolism. Journal of Dermatology, 2021, 48, e538-e540.	0.6	1
87	A Case of Erythematous Lesions at the Injection Sites of the Insulin Analogs Detemir (Levemir^{Â®}) and Glargine (Lantus^{Â®}). Nishinihon Journal of Dermatology, 2016, 78, 54-56.	0.0	1
88	A Case of Bullous Pemphigoid with Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis. Nishinihon Journal of Dermatology, 2017, 79, 353-356.	0.0	1
89	A Case of Sclerodermatous Chronic Graft-versus-Host Disease Successfully Treated with UV Irradiation. Nishinihon Journal of Dermatology, 2018, 80, 431-435.	0.0	1
90	Multiple Fixed Drug Eruption Due to Allylisopropylacetylurea. Nishinihon Journal of Dermatology, 2015, 77, 333-334.	0.0	1

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91	Two Cases with Creeping Disease due to <i>Gnathostomia doloresi</i>. Nishinihon Journal of Dermatology, 2017, 79, 264-268.	0.0	1
92	Knockout of Zeb2 ameliorates progression of renal tubulointerstitial fibrosis in a mouse model of renal ischemiaâ€“reperfusion injury. Nephrology Dialysis Transplantation, 2022, 37, 454-468.	0.4	1
93	Severe irritant contact dermatitis from olanexidine gluconate and subsequent skin sensitization. Contact Dermatitis, 2022, 86, 234-236.	0.8	1
94	Wirksame Behandlung des metastasierten Nierenzellkarzinoms mit einer topischen Imiquimodtherapie. JDDG - Journal of the German Society of Dermatology, 2014, 12, 155-157.	0.4	0
95	Iliopsoas and intraperitoneal abscesses associated with pyoderma gangrenosum. Journal of Dermatology, 2017, 44, e218-e219.	0.6	0
96	Implication of the zinc-epigenetic axis in epidermal homeostasis. Journal of Dermatological Science, 2020, 98, 203-206.	1.0	0
97	Photodynamic therapy selectively eradicates ultraviolet Bâ€induced squamous cell carcinoma lesion through rapid apoptosis to restore normal epidermis in a mouse model. Journal of Dermatology, 2021, 48, 245-247.	0.6	0
98	Keratosis pilaris caused by dupilumab for the treatment of bronchial asthma. Journal of Cutaneous Immunology and Allergy, 2021, 4, 82-85.	0.2	0
99	Leucineâ€rich Î±â€2 glycoprotein is a predictive marker of therapeutic efficacy of the biologics in psoriatic arthritis. Journal of Cutaneous Immunology and Allergy, 2021, 4, 86-88.	0.2	0
100	Antiâ€MJ/NXPâ€2 antibodyâ€positive adultâ€onset dermatomyositis with lichen myxedematosus and endometrial carcinoma. Journal of Cutaneous Immunology and Allergy, 2021, 4, 173-174.	0.2	0
101	Delayed Anaphylaxis after Eating Beef Likely Due to IgE Antibody Specific for Galactose-Î±-1, 3-galactose. Nishinihon Journal of Dermatology, 2015, 77, 453-455.	0.0	0
102	Adenoid-cystic Basal Cell Carcinoma. Nishinihon Journal of Dermatology, 2016, 78, 99-100.	0.0	0
103	A Case of Adult T-cell Leukemia/Lymphoma with Erythroderma Caused by Graft versus Host Disease Reaction. Nishinihon Journal of Dermatology, 2016, 78, 639-643.	0.0	0
104	A Fatal Case of Adult-onset Still's Disease Showing Two Types of Atypical Eruptions. Nishinihon Journal of Dermatology, 2016, 78, 19-23.	0.0	0
105	A Case of IgA Vasculitis with Nephritis, Accompanied by DIC. Nishinihon Journal of Dermatology, 2016, 78, 117-120.	0.0	0
106	A Case of Fabry Disease Diagnosed by Electron Microscopy of a Blind Skin Biopsy. Nishinihon Journal of Dermatology, 2016, 78, 608-612.	0.0	0
107	Syringomatous Carcinoma on the Cheek. Nishinihon Journal of Dermatology, 2017, 79, 445-446.	0.0	0
108	A Case of Inflammatory Breast Cancer That Expanded to the Contralateral Side Postoperatively. Nishinihon Journal of Dermatology, 2017, 79, 487-491.	0.0	0

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109	Evaluation of the efficacy of bexarotene for the management of cutaneous T cell lymphoma. Skin Cancer, 2018, 32, 249-255.	0.1	0
110	Lichen Striatus along Blaschko's Lines Successfully Treated with a Heparinoid-containing Moisturizer. Nishinihon Journal of Dermatology, 2018, 80, 117-121.	0.0	0
111	A Case of Pedunculated Sebaceous Carcinoma on the Forearm. Nishinihon Journal of Dermatology, 2018, 80, 93-94.	0.0	0
112	Retronychia. Nishinihon Journal of Dermatology, 2018, 80, 317-318.	0.0	0
113	A Case of Low-grade Myxofibrosarcoma on the Left Buttock. Nishinihon Journal of Dermatology, 2018, 80, 531-534.	0.0	0
114	A Case of Peripheral T Cell Lymphoma in a Patient with Psoriasis Vulgaris. Nishinihon Journal of Dermatology, 2019, 81, 22-25.	0.0	0
115	A Case of Toxic Shock-like Syndrome by Group G <i>Streptococcus</i> Infection. Nishinihon Journal of Dermatology, 2019, 81, 311-315.	0.0	0
116	A Case of Pyoderma Gangrenosum Accompanied by Myelodysplastic Syndrome. Nishinihon Journal of Dermatology, 2020, 82, 85-89.	0.0	0
117	Dyskeratosis, a characteristic histopathological feature, seen in a patient with systemic juvenile idiopathic arthritis. Journal of Cutaneous Immunology and Allergy, 2022, 5, 136-138.	0.2	0
118	A Case of Dermatomyositis with Anti-transcriptional Intermediary Factor 1 Antibody in a Patient who Developed Diffuse Large B cell Lymphoma One Year Later. Nishinihon Journal of Dermatology, 2021, 83, 531-534.	0.0	0
119	Angiosarcoma associated with hypertrichosis. European Journal of Dermatology, 2018, 28, 677-678.	0.3	0
120	A Triage Method for Skin Cancer Screening by Dermatologists in Kochi University. Nishinihon Journal of Dermatology, 2022, 84, 145-149.	0.0	0