Masayuki Amagai

List of Publications by Citations

455 papers	22,288 citations	78 h-index	136 g-index
481 ext. papers	25,556 ext. citations	5.1 avg, IF	6.69 L-index

#	Paper	IF	Citations
455	Autoantibodies against a novel epithelial cadherin in pemphigus vulgaris, a disease of cell adhesion. *Cell*, **1991**, 67, 869-77	56.2	861
454	Inflammation-free, gas-permeable, lightweight, stretchable on-skin electronics with nanomeshes. *Nature Nanotechnology*, **2017**, 12, 907-913	28.7	555
453	Adhesion of epidermal Langerhans cells to keratinocytes mediated by E-cadherin. *Nature*, **1993**, 361, 82-5	50.4	420
452	Application of moisturizer to neonates prevents development of atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 824-830.e6	11.5	398
451	Toxin in bullous impetigo and staphylococcal scalded-skin syndrome targets desmoglein 1. *Nature Medicine*, **2000**, 6, 1275-7	50.5	393
450	A homozygous frameshift mutation in the mouse Flg gene facilitates enhanced percutaneous allergen priming. *Nature Genetics*, **2009**, 41, 602-8	36.3	377
449	Consensus statement on definitions of disease, end points, and therapeutic response for pemphigus. *Journal of the American Academy of Dermatology*, **2008**, 58, 1043-6	4.5	372
448	External antigen uptake by Langerhans cells with reorganization of epidermal tight junction barriers. *Journal of Experimental Medicine*, **2009**, 206, 2937-46	16.6	351
447	Pemphigus, bullous impetigo, and the staphylococcal scalded-skin syndrome. *New England Journal of Medicine*, **2006**, 355, 1800-10	59.2	346
446	Characterization of autoantibodies in pemphigus using antigen-specific enzyme-linked immunosorbent assays with baculovirus-expressed recombinant desmogleins. *Journal of Immunology*, **1997**, 159, 2010-7	5.3	346
445	Explanations for the clinical and microscopic localization of lesions in pemphigus foliaceus and vulgaris. *Journal of Clinical Investigation*, **1999**, 103, 461-8	15.9	343
444	The clinical phenotype of pemphigus is defined by the anti-desmoglein autoantibody profile. *Journal of the American Academy of Dermatology*, **1999**, 40, 167-70	4.5	342
443	Usefulness of enzyme-linked immunosorbent assay using recombinant desmogleins 1 and 3 for serodiagnosis of pemphigus. *British Journal of Dermatology*, **1999**, 140, 351-7	4	317
442	Dysbiosis and Staphylococcus aureus Colonization Drives Inflammation in Atopic Dermatitis. *Immunity*, **2015**, 42, 756-66	32.3	299
441	Autoantibodies against the amino-terminal cadherin-like binding domain of pemphigus vulgaris antigen are pathogenic. *Journal of Clinical Investigation*, **1992**, 90, 919-26	15.9	273
440	Mitochondrial dysfunction associated with increased oxidative stress and □synuclein accumulation in PARK2 iPSC-derived neurons and postmortem brain tissue. *Molecular Brain*, **2012**, 5, 35	4.5	271
439	Absorption of pathogenic autoantibodies by the extracellular domain of pemphigus vulgaris antigen (Dsg3) produced by baculovirus. *Journal of Clinical Investigation*, **1994**, 94, 59-67	15.9	261

438	Induction of pemphigus phenotype by a mouse monoclonal antibody against the amino-terminal adhesive interface of desmoglein 3. *Journal of Immunology*, **2003**, 170, 2170-8	5.3	247
437	Epidermal barrier dysfunction and cutaneous sensitization in atopic diseases. *Journal of Clinical Investigation*, **2012**, 122, 440-7	15.9	246
436	Genome-wide association study identifies eight new susceptibility loci for atopic dermatitis in the Japanese population. *Nature Genetics*, **2012**, 44, 1222-6	36.3	241
435	Antibodies against desmoglein 3 (pemphigus vulgaris antigen) are present in sera from patients with paraneoplastic pemphigus and cause acantholysis in vivo in neonatal mice. *Journal of Clinical Investigation*, **1998**, 102, 775-82	15.9	237
434	Stress-induced production of chemokines by hair follicles regulates the trafficking of dendritic cells in skin. *Nature Immunology*, **2012**, 13, 744-52	19.1	229
433	Altered stratum corneum barrier and enhanced percutaneous immune responses in filaggrin-null mice. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 1538-46.e6	11.5	224
432	Monitoring of methyl jasmonate-responsive genes in Arabidopsis by cDNA macroarray: self-activation of jasmonic acid biosynthesis and crosstalk with other phytohormone signaling pathways. *DNA Research*, **2001**, 8, 153-61	4.5	222
431	Pemphigus. *Nature Reviews Disease Primers*, **2017**, 3, 17026	51.1	217
430	The new pemphigus variants. *Journal of the American Academy of Dermatology*, **1999**, 40, 649-71; quiz 672-3	4.5	212
429	Antigen-specific immunoadsorption of pathogenic autoantibodies in pemphigus foliaceus. *Journal of Investigative Dermatology*, **1995**, 104, 895-901	4.3	208
428	Definitions and outcome measures for bullous pemphigoid: recommendations by an international panel of experts. *Journal of the American Academy of Dermatology*, **2012**, 66, 479-85	4.5	203
427	Use of autoantigen-knockout mice in developing an active autoimmune disease model for pemphigus. *Journal of Clinical Investigation*, **2000**, 105, 625-31	15.9	194
426	Increasing Comorbidities Suggest that Atopic Dermatitis Is a Systemic Disorder. *Journal of Investigative Dermatology*, **2017**, 137, 18-25	4.3	192
425	Identification of the Staphylococcus aureus etd pathogenicity island which encodes a novel exfoliative toxin, ETD, and EDIN-B. *Infection and Immunity*, **2002**, 70, 5835-45	3.7	191
424	Toward a new generation of smart skins. *Nature Biotechnology*, **2019**, 37, 382-388	44.5	182
423	A randomized double-blind trial of intravenous immunoglobulin for pemphigus. *Journal of the American Academy of Dermatology*, **2009**, 60, 595-603	4.5	176
422	BP180 ELISA using bacterial recombinant NC16a protein as a diagnostic and monitoring tool for bullous pemphigoid. *Journal of Dermatological Science*, **2002**, 30, 224-32	4.3	176
421	Hair follicle-derived IL-7 and IL-15 mediate skin-resident memory T cell homeostasis and lymphoma. *Nature Medicine*, **2015**, 21, 1272-9	50.5	175

420	Desmoglein endocytosis and desmosome disassembly are coordinated responses to pemphigus autoantibodies. *Journal of Biological Chemistry*, **2006**, 281, 7623-34	5.4	173
419	Genetic and functional characterization of human pemphigus vulgaris monoclonal autoantibodies isolated by phage display. *Journal of Clinical Investigation*, **2005**, 115, 888-99	15.9	168
418	Dissecting the formation, structure and barrier function of the stratum corneum. *International Immunology*, **2015**, 27, 269-80	4.9	161
417	Pemphigus vulgaris antigen (desmoglein 3) is localized in the lower epidermis, the site of blister formation in patients. *Journal of Investigative Dermatology*, **1996**, 106, 351-5	4.3	153
416	The majority of bullous pemphigoid and herpes gestationis serum samples react with the NC16a domain of the 180-kDa bullous pemphigoid antigen. *Archives of Dermatological Research*, **1996**, 288, 507-9	2.3	152
415	Human desmocollin 1 (Dsc1) is an autoantigen for the subcorneal pustular dermatosis type of IgA pemphigus. *Journal of Investigative Dermatology*, **1997**, 109, 127-31	4.3	151
414	Dominant autoimmune epitopes recognized by pemphigus antibodies map to the N-terminal adhesive region of desmogleins. *Journal of Immunology*, **2001**, 167, 5439-48	5.3	148
413	Autoimmunity against desmosomal cadherins in pemphigus. *Journal of Dermatological Science*, **1999**, 20, 92-102	4.3	148
412	Staphylococcal exfoliative toxin B specifically cleaves desmoglein 1. *Journal of Investigative Dermatology*, **2002**, 118, 845-50	4.3	147
411	Characterization of paraneoplastic pemphigus autoantigens by immunoblot analysis. *Journal of Investigative Dermatology*, **1995**, 104, 829-34	4.3	141
410	Monitoring disease activity in pemphigus with enzyme-linked immunosorbent assay using recombinant desmogleins 1 and 3. *British Journal of Dermatology*, **2002**, 147, 261-5	4	137
409	Lack of mucosal involvement in pemphigus foliaceus may be due to low expression of desmoglein 1. *Journal of Investigative Dermatology*, **1998**, 110, 76-8	4.3	136
408	Molecular mechanisms of blister formation in bullous impetigo and staphylococcal scalded skin syndrome. *Journal of Clinical Investigation*, **2002**, 110, 53-60	15.9	136
407	Desmoglein as a target in skin disease and beyond. *Journal of Investigative Dermatology*, **2012**, 132, 776-84	4.3	131
406	Diagnosis and management of pemphigus: Recommendations of an international panel of experts. *Journal of the American Academy of Dermatology*, **2020**, 82, 575-585.e1	4.5	127
405	Desmosomes and disease: pemphigus and bullous impetigo. *Current Opinion in Cell Biology*, **2004**, 16, 536-43	9	125
404	Staphylococcal exfoliative toxins: "molecular scissors" of bacteria that attack the cutaneous defense barrier in mammals. *Journal of Dermatological Science*, **2008**, 49, 21-31	4.3	119
403	G-protein-coupled receptor GPR49 is up-regulated in basal cell carcinoma and promotes cell proliferation and tumor formation. *American Journal of Pathology*, **2008**, 173, 835-43	5.8	115

402	Nivolumab for advanced melanoma: pretreatment prognostic factors and early outcome markers during therapy. *Oncotarget*, **2016**, 7, 77404-77415	3.3	115
401	Enzyme-linked immunosorbent assay using bacterial recombinant proteins of human BP230 as a diagnostic tool for bullous pemphigoid. *Journal of Dermatological Science*, **2006**, 41, 21-30	4.3	114
400	Pemphigus autoantibodies generated through somatic mutations target the desmoglein-3 cis-interface. *Journal of Clinical Investigation*, **2012**, 122, 3781-90	15.9	112
399	Adhesion molecules. I: Keratinocyte-keratinocyte interactions; cadherins and pemphigus. *Journal of Investigative Dermatology*, **1995**, 104, 146-52	4.3	110
398	Protection against pemphigus foliaceus by desmoglein 3 in neonates. *New England Journal of Medicine*, **2000**, 343, 31-5	59.2	103
397	Pemphigus vulgaris antigen, a desmoglein type of cadherin, is localized within keratinocyte desmosomes. *Journal of Cell Biology*, **1993**, 122, 409-15	7.3	102
396	Langerhans cell antigen capture through tight junctions confers preemptive immunity in experimental staphylococcal scalded skin syndrome. *Journal of Experimental Medicine*, **2011**, 208, 2607-13	16.6	100
395	E-cadherin integrates mechanotransduction and EGFR signaling to control junctional tissue polarization and tight junction positioning. *Nature Communications*, **2017**, 8, 1250	17.4	99
394	Flaky tail mouse denotes human atopic dermatitis in the steady state and by topical application with Dermatophagoides pteronyssinus extract. *American Journal of Pathology*, **2010**, 176, 2385-93	5.8	99
393	Recognition of desmoglein 3 by autoreactive T cells in pemphigus vulgaris patients and normals. *Journal of Investigative Dermatology*, **1998**, 110, 62-6	4.3	98
392	Prevalence of dermatological disorders in Japan: a nationwide, cross-sectional, seasonal, multicenter, hospital-based study. *Journal of Dermatology*, **2011**, 38, 310-20	1.6	96
391	Restoration of the intrinsic properties of human dermal papilla in vitro. *Journal of Cell Science*, **2012**, 125, 4114-25	5.3	96
390	In vitro keratinocyte dissociation assay for evaluation of the pathogenicity of anti-desmoglein 3 IgG autoantibodies in pemphigus vulgaris. *Journal of Investigative Dermatology*, **2005**, 124, 939-46	4.3	94
389	Predominant IgG4 subclass in autoantibodies of pemphigus vulgaris and foliaceus. *Journal of Dermatological Science*, **2001**, 26, 55-61	4.3	94
388	Definitions and outcome measures for mucous membrane pemphigoid: recommendations of an international panel of experts. *Journal of the American Academy of Dermatology*, **2015**, 72, 168-74	4.5	93
387	Desmoglein as a target in autoimmunity and infection. *Journal of the American Academy of Dermatology*, **2003**, 48, 244-52	4.5	90
386	Detection of antigen-specific B cells in patients with pemphigus vulgaris by enzyme-linked immunospot assay: requirement of T cell collaboration for autoantibody production. *Journal of Investigative Dermatology*, **2000**, 114, 88-94	4.3	88
385	Distinct behavior of human Langerhans cells and inflammatory dendritic epidermal cells at tight junctions in patients with atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 856-64	11.5	87

384	A homozygous nonsense mutation in the gene for Tmem79, a component for the lamellar granule secretory system, produces spontaneous eczema in an experimental model of atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 1111-1120.e4	11.5	87
383	Generation of human melanocytes from induced pluripotent stem cells. *PLoS ONE*, **2011**, 6, e16182	3.7	84
382	Development of pemphigus vulgaris in a patient with pemphigus foliaceus: antidesmoglein antibody profile shift confirmed by enzyme-linked immunosorbent assay. *Journal of the American Academy of Dermatology*, **2000**, 42, 859-61	4.5	83
381	Development of NC1 and NC2 domains of type VII collagen ELISA for the diagnosis and analysis of the time course of epidermolysis bullosa acquisita patients. *Journal of Dermatological Science*, **2011**, 62, 169-75	4.3	81
380	Are desmoglein autoantibodies essential for the immunopathogenesis of pemphigus vulgaris, or just "witnesses of disease"?. *Experimental Dermatology*, **2006**, 15, 815-31	4	80
379	SASPase regulates stratum corneum hydration through profilaggrin-to-filaggrin processing. *EMBO Molecular Medicine*, **2011**, 3, 320-33	12	79
378	Paraneoplastic pemphigus associated with Castleman tumor, myasthenia gravis and bronchiolitis obliterans. *Journal of the American Academy of Dermatology*, **1999**, 41, 393-400	4.5	78
377	Compositionally different desmosomes in the various compartments of the human hair follicle. *Differentiation*, **1998**, 63, 295-304	3.5	77
376	Pathogenic autoantibody production requires loss of tolerance against desmoglein 3 in both T and B cells in experimental pemphigus vulgaris. *European Journal of Immunology*, **2002**, 32, 627-33	6.1	75
375	Mutations in SERPINB7, encoding a member of the serine protease inhibitor superfamily, cause Nagashima-type palmoplantar keratosis. *American Journal of Human Genetics*, **2013**, 93, 945-56	11	73
374	Extracellular domain of pemphigus vulgaris antigen (desmoglein 3) mediates weak homophilic adhesion. *Journal of Investigative Dermatology*, **1994**, 102, 402-8	4.3	72
373	Use of domain-swapped molecules for conformational epitope mapping of desmoglein 3 in pemphigus vulgaris. *Journal of Investigative Dermatology*, **2000**, 115, 829-34	4.3	71
372	Mechanisms Causing Loss of Keratinocyte Cohesion in Pemphigus. *Journal of Investigative Dermatology*, **2018**, 138, 32-37	4.3	70
371	Conformational epitopes of pemphigus antigens (Dsg1 and Dsg3) are calcium dependent and glycosylation independent. *Journal of Investigative Dermatology*, **1995**, 105, 243-7	4.3	69
370	Signaling dependent and independent mechanisms in pemphigus vulgaris blister formation. *PLoS ONE*, **2012**, 7, e50696	3.7	69
369	Functional tight junction barrier localizes in the second layer of the stratum granulosum of human epidermis. *Journal of Dermatological Science*, **2013**, 71, 89-99	4.3	67
368	Characterization of skin microbiota in patients with atopic dermatitis and in normal subjects using 16S rRNA gene-based comprehensive analysis. *Journal of Medical Microbiology*, **2007**, 56, 1675-1683	3.2	67
367	Identification of desmoglein 1 as autoantigen in a patient with intraepidermal neutrophilic IgA dermatosis type of IgA pemphigus. *Experimental Dermatology*, **2000**, 9, 224-8	4	66

366	Anti-desmoglein 3 (Dsg3) monoclonal antibodies deplete desmosomes of Dsg3 and differ in their Dsg3-depleting activities related to pathogenicity. *Journal of Biological Chemistry*, **2007**, 282, 17866-76	5.4	65
365	Desmoglein 1 and desmoglein 3 are the target autoantigens in herpetiform pemphigus. *Archives of Dermatology*, **1999**, 135, 943-7		65
364	Autoimmunity to desmocollin 3 in pemphigus vulgaris. *American Journal of Pathology*, **2010**, 177, 2724-30	3.8	64
363	IgG binds to desmoglein 3 in desmosomes and causes a desmosomal split without keratin retraction in a pemphigus mouse model. *Journal of Investigative Dermatology*, **2004**, 122, 1145-53	4.3	64
362	Anti-desmoglein IgG autoantibodies in patients with pemphigus in remission. *Journal of the European Academy of Dermatology and Venereology*, **2008**, 22, 1070-5	4.6	63
361	Desmoglein 3-ELISA: a pemphigus vulgaris-specific diagnostic tool. *Archives of Dermatology*, **1999**, 135, 143-8		61
360	Identification of mutations in the prostaglandin transporter gene SLCO2A1 and its phenotype-genotype correlation in Japanese patients with pachydermoperiostosis. *Journal of Dermatological Science*, **2012**, 68, 36-44	4.3	60
359	Desmosome disassembly in response to pemphigus vulgaris IgG occurs in distinct phases and can be reversed by expression of exogenous Dsg3. *Journal of Investigative Dermatology*, **2011**, 131, 706-18	4.3	59
358	Cutaneous type pemphigus vulgaris: a rare clinical phenotype of pemphigus. *Journal of the American Academy of Dermatology*, **2005**, 52, 839-45	4.5	59
357	Late development of antidesmoglein 1 antibodies in pemphigus vulgaris: correlation with disease progression. *British Journal of Dermatology*, **1999**, 141, 1084-7	4	59
356	Delayed assembly of desmosomes in keratinocytes with disrupted classic-cadherin-mediated cell adhesion by a dominant negative mutant. *Journal of Investigative Dermatology*, **1995**, 104, 27-32	4.3	59
355	Novel system evaluating in vivo pathogenicity of desmoglein 3-reactive T cell clones using murine pemphigus vulgaris. *Journal of Immunology*, **2008**, 181, 1526-35	5.3	58
354	Rapid response of IgA pemphigus of subcorneal pustular dermatosis type to treatment with isotretinoin. *Journal of the American Academy of Dermatology*, **2000**, 43, 923-6	4.5	58
353	The clinical transition between pemphigus foliaceus and pemphigus vulgaris correlates well with the changes in autoantibody profile assessed by an enzyme-linked immunosorbent assay. *British Journal of Dermatology*, **2001**, 144, 1177-82	4	57
352	Human autoantibodies against HD1/plectin in paraneoplastic pemphigus. *Journal of Investigative Dermatology*, **1999**, 112, 153-6	4.3	57
351	Epidermal cell turnover across tight junctions based on Kelvin's tetrakaidecahedron cell shape. *ELife*, **2016**, 5,	8.9	57
350	Human leukocyte antigen in Sweet's syndrome and its relationship to Behcet's disease. *Archives of Dermatology*, **1988**, 124, 1069-1073		57
349	Epidermal tight junction barrier function is altered by skin inflammation, but not by filaggrin-deficient stratum corneum. *Journal of Dermatological Science*, **2015**, 77, 28-36	4.3	55

348	Dissociation of intra- and extracellular domains of desmosomal cadherins and E-cadherin in Hailey-Hailey disease and Darier's disease. *British Journal of Dermatology*, **2000**, 142, 702-11	4	55
347	Pemphigus: autoimmunity to epidermal cell adhesion molecules. *Advances in Dermatology*, **1996**, 11, 319-52; discussion 353		54
346	A mouse model of pemphigus vulgaris by adoptive transfer of naive splenocytes from desmoglein 3 knockout mice. *British Journal of Dermatology*, **2004**, 151, 346-54	4	53
345	Desmoglein 3-specific CD4+ T cells induce pemphigus vulgaris and interface dermatitis in mice. *Journal of Clinical Investigation*, **2011**, 121, 3677-88	15.9	53
344	Molecular mechanisms of blister formation in bullous impetigo and staphylococcal scalded skin syndrome. *Journal of Clinical Investigation*, **2002**, 110, 53-60	15.9	52
343	Japanese guidelines for the management of pemphigus. *Journal of Dermatology*, **2014**, 41, 471-86	1.6	50
342	Human induced pluripotent stem cell-derived ectodermal precursor cells contribute to hair follicle morphogenesis in vivo. *Journal of Investigative Dermatology*, **2013**, 133, 1479-88	4.3	50
341	Intestinal Dysbiosis and Biotin Deprivation Induce Alopecia through Overgrowth of Lactobacillus murinus in Mice. *Cell Reports*, **2017**, 20, 1513-1524	10.6	50
340	Neonatal pemphigus vulgaris: IgG4 autoantibodies to desmoglein 3 induce skin blisters in newborns. *Journal of the American Academy of Dermatology*, **2003**, 48, 623-5	4.5	50
339	Detection of IgA autoantibodies to desmogleins by an enzyme-linked immunosorbent assay: the presence of new minor subtypes of IgA pemphigus. *Archives of Dermatology*, **2001**, 137, 735-8		50
338	A randomized double-blind trial of intravenous immunoglobulin for bullous pemphigoid. *Journal of Dermatological Science*, **2017**, 85, 77-84	4.3	48
337	Heterogeneous MHC II restriction pattern of autoreactive desmoglein 3 specific T cell responses in pemphigus vulgaris patients and normals. *Journal of Investigative Dermatology*, **1998**, 110, 388-92	4.3	48
336	Enzymatic and molecular characteristics of the efficiency and specificity of exfoliative toxin cleavage of desmoglein 1. *Journal of Biological Chemistry*, **2004**, 279, 5268-77	5.4	48
335	Paraneoplastic pemphigus: an association with fludarabine?. *British Journal of Dermatology*, **2001**, 144, 1255-61	4	48
334	Characterization of bullous pemphigoid antibodies by use of recombinant bullous pemphigoid antigen proteins. *Journal of Investigative Dermatology*, **1991**, 97, 725-8	4.3	48
333	Partial cDNA cloning of the 230-kD mouse bullous pemphigoid antigen by use of a human monoclonal anti-basement membrane zone antibody. *Journal of Investigative Dermatology*, **1990**, 95, 252-9	4.3	48
332	The stratum corneum comprises three layers with distinct metal-ion barrier properties. *Scientific Reports*, **2013**, 3, 1731	4.9	47
331	Epitope spreading is rarely found in pemphigus vulgaris by large-scale longitudinal study using desmoglein 2-based swapped molecules. *Journal of Investigative Dermatology*, **2012**, 132, 1158-68	4.3	47

330	Abnormal keratin expression in circumscribed palmar hypokeratosis. *Journal of the American Academy of Dermatology*, **2007**, 57, 285-91	4.5	47
329	Different effects of dominant negative mutants of desmocollin and desmoglein on the cell-cell adhesion of keratinocytes. *Journal of Cell Science*, **2000**, 113, 1803-1811	5.3	47
328	The detection of IgG and IgA autoantibodies to desmocollins 1-3 by enzyme-linked immunosorbent assays using baculovirus-expressed proteins, in atypical pemphigus but not in typical pemphigus. *British Journal of Dermatology*, **2004**, 151, 73-83	4	46
327	Increased incidence of pemphigus vulgaris in southern Europeans living in Germany compared with native Germans. *Journal of the European Academy of Dermatology and Venereology*, **2002**, 16, 68-71	4.6	45
326	Defining the pathogenic involvement of desmoglein 4 in pemphigus and staphylococcal scalded skin syndrome. *Journal of Clinical Investigation*, **2004**, 114, 1484-92	15.9	45
325	A pathophysiologic role for epidermal growth factor receptor in pemphigus acantholysis. *Journal of Biological Chemistry*, **2013**, 288, 9447-56	5.4	44
324	Autoimmune and infectious skin diseases that target desmogleins. *Proceedings of the Japan Academy Series B: Physical and Biological Sciences*, **2010**, 86, 524-37	4	43
323	Pathogenic epitopes of autoantibodies in pemphigus reside in the amino-terminal adhesive region of desmogleins which are unmasked by proteolytic processing of prosequence. *Journal of Investigative Dermatology*, **2009**, 129, 2156-66	4.3	42
322	Cutaneous plasmacytosis: report of 6 cases with or without systemic involvement. *Journal of the American Academy of Dermatology*, **2013**, 68, 978-85	4.5	41
321	Simple PCR-based DNA microarray system to identify human pathogenic fungi in skin. *Journal of Clinical Microbiology*, **2010**, 48, 2357-64	9.7	41
320	Induction of keratinocyte IL-8 expression and secretion by IgG autoantibodies as a novel mechanism of epidermal neutrophil recruitment in a pemphigus variant. *Clinical and Experimental Immunology*, **2000**, 119, 217-24	6.2	41
319	A case of pemphigus vulgaris showing reactivity with pemphigus antigens (Dsg1 and Dsg3) and desmocollins. *Journal of Investigative Dermatology*, **1995**, 104, 541-4	4.3	41
318	Phosphatidylcholine-specific phospholipase C, but not phospholipase D, is involved in pemphigus IgG-induced signal transduction. *Archives of Dermatological Research*, **1999**, 291, 606-13	3.3	40
317	Further analyses of epitopes for human monoclonal anti-basement membrane zone antibodies produced by stable human hybridoma cell lines constructed with Epstein-Barr virus transformants. *Journal of Investigative Dermatology*, **1993**, 100, 310-5	4.3	39
316	Desmoyokin, a 680 kDa keratinocyte plasma membrane-associated protein, is homologous to the protein encoded by human gene AHNAK. *Journal of Cell Science*, **1993**, 105, 275-286	5.3	39
315	Aire-dependent thymic expression of desmoglein 3, the autoantigen in pemphigus vulgaris, and its role in T-cell tolerance. *Journal of Investigative Dermatology*, **2011**, 131, 410-7	4.3	38
314	Tolerance induction by the blockade of CD40/CD154 interaction in pemphigus vulgaris mouse model. *Journal of Investigative Dermatology*, **2006**, 126, 105-13	4.3	38
313	Neonatal pemphigus vulgaris with extensive mucocutaneous lesions from a mother with oral pemphigus vulgaris. *British Journal of Dermatology*, **2002**, 147, 801-5	4	38

312	Ectopic expression of epidermal antigens renders the lung a target organ in paraneoplastic pemphigus. *Journal of Immunology*, **2013**, 191, 83-90	5.3	37
311	Sentan: a novel specific component of the apical structure of vertebrate motile cilia. *Molecular Biology of the Cell*, **2008**, 19, 5338-46	3.5	37
310	Synergistic pathogenic effects of combined mouse monoclonal anti-desmoglein 3 IgG antibodies on pemphigus vulgaris blister formation. *Journal of Investigative Dermatology*, **2006**, 126, 2621-30	4.3	37
309	Eosinophilic pustular folliculitis (Ofuji disease): indomethacin as a first choice of treatment. *Clinical and Experimental Dermatology*, **2001**, 26, 179-81	1.8	37
308	Unique clinical and serological features of bullous pemphigoid associated with dipeptidyl peptidase-4 inhibitors. *British Journal of Dermatology*, **2018**, 178, 1462-1463	4	36
307	Periostin Is a Key Niche Component for Wound Metastasis of Melanoma. *PLoS ONE*, **2015**, 10, e0129704	3.7	36
306	Th17 cells carrying TCR recognizing epidermal autoantigen induce psoriasis-like skin inflammation. *Journal of Immunology*, **2013**, 191, 3065-72	5.3	35
305	Antigen-independent development of Foxp3+ regulatory T cells suppressing autoantibody production in experimental pemphigus vulgaris. *International Immunology*, **2011**, 23, 365-73	4.9	35
304	Staphylococcus hyicus exfoliative toxins selectively digest porcine desmoglein 1. *Microbial Pathogenesis*, **2005**, 39, 171-6	3.8	35
303	Exacerbation of paraneoplastic pemphigus by cyclophosphamide treatment: detection of novel autoantigens and bronchial autoantibodies. *British Journal of Dermatology*, **2004**, 150, 1018-24	4	35
302	Development of chimeric molecules for recognition and targeting of antigen-specific B cells in pemphigus vulgaris. *British Journal of Dermatology*, **2000**, 142, 321-30	4	35
301	Clinical phenotype and anti-desmoglein autoantibody profile in paraneoplastic pemphigus. *Journal of the American Academy of Dermatology*, **2001**, 44, 593-8	4.5	35
300	HLA-DRB1 polymorphisms and autoimmune responses to desmogleins in Japanese patients with pemphigus. *Tissue Antigens*, **1999**, 54, 333-40		35
299	Autoimmune bullous skin diseases, pemphigus and pemphigoid. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 1031-1047	11.5	34
298	Canine follicle stem cell candidates reside in the bulge and share characteristic features with human bulge cells. *Journal of Investigative Dermatology*, **2010**, 130, 1988-95	4.3	34
297	T helper type 2-biased natural killer cell phenotype in patients with pemphigus vulgaris. *Journal of Investigative Dermatology*, **2007**, 127, 324-30	4.3	33
296	Viewpoint 1. *Experimental Dermatology*, **2006**, 15, 816-817	4	33
295	Langerhans Cells Prevent Autoimmunity via Expansion of Keratinocyte Antigen-Specific Regulatory T Cells. *EBioMedicine*, **2018**, 27, 293-303	8.8	32

294	Filaggrin loss-of-function mutations are not a predisposing factor for atopic dermatitis in an Ishigaki Island under subtropical climate. *Journal of Dermatological Science*, **2014**, 76, 10-5	4.3	32
293	Grading criteria for disease severity by pemphigus disease area index. *Journal of Dermatology*, **2014** , 41, 969-73	1.6	32
292	Immunologic and histopathologic characterization of an active disease mouse model for pemphigus vulgaris. *Journal of Investigative Dermatology*, **2002**, 118, 199-204	4.3	32
291	C-Terminus of desmoyokin/AHNAK protein is responsible for its translocation between the nucleus and cytoplasm. *Journal of Investigative Dermatology*, **2000**, 114, 1044-9	4.3	32
290	Pathogenic relevance of IgG and IgM antibodies against desmoglein 3 in blister formation in pemphigus vulgaris. *American Journal of Pathology*, **2011**, 179, 795-806	5.8	31
289	Pathogenic monoclonal antibody against desmoglein 3 augments desmoglein 3 and p38 MAPK phosphorylation in human squamous carcinoma cell line. *Autoimmunity*, **2006**, 39, 587-90	3	31
288	Association of EGF receptor expression with proliferating cells and of ras p21 expression with differentiating cells in various skin tumours. *British Journal of Dermatology*, **1990**, 123, 49-58	4	31
287	Induction of hair follicle dermal papilla cell properties in human induced pluripotent stem cell-derived multipotent LNGFR(+)THY-1(+) mesenchymal cells. *Scientific Reports*, **2017**, 7, 42777	4.9	30
286	Association study of childhood food allergy with genome-wide association studies-discovered loci of atopic dermatitis and eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 1713-1716	11.5	30
285	Distribution of EGF receptor expressing and DNA replicating epidermal cells in psoriasis vulgaris and Bowen□s disease. *British Journal of Dermatology*, **1988**, 119, 661-8	4	30
284	Pathological characterization of pachydermia in pachydermoperiostosis. *Journal of Dermatology*, **2015**, 42, 710-4	1.6	29
283	A single helper T cell clone is sufficient to commit polyclonal naive B cells to produce pathogenic IgG in experimental pemphigus vulgaris. *Journal of Immunology*, **2009**, 182, 1740-5	5.3	29
282	Detection of autoantibodies against bullous pemphigoid and pemphigus antigens by an enzyme-linked immunosorbent assay using the bacterial recombinant proteins. *Experimental Dermatology*, **1995**, 4, 112-6	4	29
281	Pemphigus: from immunofluorescence to molecular biology. *Journal of Dermatological Science*, **1996**, 12, 1-9	4.3	29
280	The extracellular aminoterminal domain of bovine desmoglein 1 (Dsg1) is recognized only by certain pemphigus foliaceus sera, whereas its intracellular domain is recognized by both pemphigus vulgaris and pemphigus foliaceus sera. *Journal of Investigative Dermatology*, **1994**, 103, 173-7	4.3	28
279	Are desmoglein autoantibodies essential for the immunopathogenesis of pemphigus vulgaris, or just □witnesses of disease□ *Experimental Dermatology*, **2006**, 15, 815-831	4	28
278	The majority of bullous pemphigoid and herpes gestationis serum samples react with the NC16a domain of the 180-kDa bullous pemphigoid antigen **1996**, 288, 507		28
277	Immune response towards the amino-terminus of desmoglein 1 prevails across different activity stages in nonendemic pemphigus foliaceus. *British Journal of Dermatology*, **2010**, 162, 1242-50	4	27

276	IgG/IgA pemphigus with IgG and IgA antidesmoglein 1 antibodies detected by enzyme-linked immunosorbent assay. *British Journal of Dermatology*, **2002**, 147, 1012-7	4	27
275	Conformational epitope mapping and IgG subclass distribution of desmoglein 3 in paraneoplastic pemphigus. *Journal of the American Academy of Dermatology*, **2003**, 49, 1023-8	4.5	27
274	Meeting Report of the Pathogenesis of Pemphigus and Pemphigoid Meeting in Munich, September 2016. *Journal of Investigative Dermatology*, **2017**, 137, 1199-1203	4.3	26
273	Canine hair-follicle keratinocytes enriched with bulge cells have the highly proliferative characteristic of stem cells. *Veterinary Dermatology*, **2009**, 20, 338-46	1.8	26
272	The human genes for desmogleins (DSG1 and DSG3) are located in a small region on chromosome 18q12. *Genomics*, **1994**, 20, 492-5	4.3	26
271	A case of IgA pemphigus successfully treated with acitretin. *British Journal of Dermatology*, **2002**, 147, 1040-2	4	25
270	Pathogenicity and epitope characteristics of anti-desmoglein-1 from pemphigus foliaceus patients expressing only IgG1 autoantibodies. *Journal of Investigative Dermatology*, **2003**, 121, 1373-8	4.3	25
269	A case of cicatricial pemphigoid with simultaneous IgG autoantibodies against the 180 kd bullous pemphigoid antigen and laminin 5. *Journal of the American Academy of Dermatology*, **1998**, 38, 624-7	4.5	24
268	Imaging and force spectroscopy on desmoglein 1 using atomic force microscopy reveal multivalent Ca(2+)-dependent, low-affinity trans-interaction. *Journal of Membrane Biology*, **2007**, 216, 83-92	2.3	24
267	Pemphigus as a paradigm of autoimmunity and cell adhesion. *Keio Journal of Medicine*, **2002**, 51, 133-9	1.6	24
266	Clonal Expansion of Second-Hit Cells with Somatic Recombinations or C>T Transitions Form Porokeratosis in MVD or MVK Mutant Heterozygotes. *Journal of Investigative Dermatology*, **2019**, 139, 2458-2466.e9	4.3	23
265	Guideline for the diagnosis and treatment of scabies in Japan (second edition). *Journal of Dermatology*, **2008**, 35, 378-93	1.6	23
264	Production of the entire extracellular domain of BP180 (type XVII collagen) by baculovirus expression. *Journal of Dermatological Science*, **2000**, 23, 183-90	4.3	23
263	Unique immunobullous disease in a child with a predominantly IgA response to three desmosomal proteins. *British Journal of Dermatology*, **1999**, 141, 882-6	4	23
262	Non-pathogenic pemphigus foliaceus (PF) IgG acts synergistically with a directly pathogenic PF IgG to increase blistering by p38MAPK-dependent desmoglein 1 clustering. *Journal of Dermatological Science*, **2017**, 85, 197-207	4.3	22
261	Pathogenic anti-desmoglein 3 mAbs cloned from a paraneoplastic pemphigus patient by phage display. *Journal of Investigative Dermatology*, **2012**, 132, 1141-8	4.3	22
260	Comparative study of autoantigen profile between Colombian and Brazilian types of endemic pemphigus foliaceus by various biochemical and molecular biological techniques. *Journal of Dermatological Science*, **2003**, 32, 33-41	4.3	22
259	Extracellular domain of pemphigus vulgaris antigen (desmoglein 3) mediates weak homophilic adhesion. *Journal of Investigative Dermatology*, **1994**, 103, 609-15	4.3	22

258	Herpetiform pemphigus showing reactivity with pemphigus vulgaris antigen (desmoglein 3). *British Journal of Dermatology*, **1997**, 137, 109-113	4	22
257	Intraepidermal neutrophilic IgA/IgG antidesmocollin 1 pemphigus. *British Journal of Dermatology*, **2006**, 154, 1018-20	4	21
256	Ultrastructural changes in mice actively producing antibodies to desmoglein 3 parallel those in patients with pemphigus vulgaris. *Archives of Dermatological Research*, **2002**, 294, 318-23	3.3	21
255	Cloning of swine desmoglein 1 and its direct proteolysis by Staphylococcus hyicus exfoliative toxins isolated from pigs with exudative epidermitis. *Veterinary Dermatology*, **2005**, 16, 315-23	1.8	21
254	Coexistence of psoriasis and linear IgA bullous dermatosis. *British Journal of Dermatology*, **2000**, 142, 513-6	4	21
253	Analysis of antigens recognized by autoantibodies in herpes gestationis. Usefulness of immunoblotting using a fusion protein representing an extracellular domain of the 180 kD bullous pemphigoid antigen. *Journal of Dermatological Science*, **1996**, 13, 112-7	4.3	21
252	Pemphigus vulgaris antigen lacks biochemical properties characteristic of classical cadherins. *Journal of Investigative Dermatology*, **1994**, 103, 168-72	4.3	21
251	Drug-induced pemphigus foliaceus with features of pemphigus vulgaris. *British Journal of Dermatology*, **2001**, 144, 421-2	4	21
250	Control of a Nosocomial Outbreak of COVID-19 in a University Hospital. *Open Forum Infectious Diseases*, **2020**, 7, ofaa512	1	21
249	Sequence analysis of filaggrin gene by novel shotgun method in Japanese atopic dermatitis. *Journal of Dermatological Science*, **2008**, 51, 113-20	4.3	20
248	Japanese guidelines for the management of pemphigoid (including epidermolysis bullosa acquisita). *Journal of Dermatology*, **2019**, 46, 1102-1135	1.6	19
247	Loss-of-function mutations within the filaggrin gene and atopic dermatitis. *Current Problems in Dermatology*, **2011**, 41, 35-46		19
246	Removal of amino-terminal extracellular domains of desmoglein 1 by staphylococcal exfoliative toxin is sufficient to initiate epidermal blister formation. *Journal of Dermatological Science*, **2010**, 59, 184-91	4.3	19
245	In vivo ultrastructural localization of the desmoglein 3 adhesive interface to the desmosome mid-line. *Journal of Investigative Dermatology*, **2005**, 124, 984-9	4.3	19
244	Novel non-radioisotope immunoprecipitation studies indicate involvement of pemphigus vulgaris antigen in paraneoplastic pemphigus. *Journal of Dermatological Science*, **1998**, 17, 132-9	4.3	19
243	Thymoma with pemphigus foliaceus. *Internal Medicine*, **2000**, 39, 742-7	1.1	19
242	The complete type of pachydermoperiostosis: a novel nonsense mutation p.E141* of the SLCO2A1 gene. *Journal of Dermatological Science*, **2014**, 75, 193-5	4.3	18
241	Pemphigus vulgaris and its active disease mouse model. *Current Directions in Autoimmunity*, **2008**, 10, 167-81		18

240	IgG autoantibodies directed against desmoglein 3 cause dissociation of keratinocytes in canine pemphigus vulgaris and paraneoplastic pemphigus. *Veterinary Immunology and Immunopathology*, **2007**, 117, 209-21	2	18
239	Differential effects of desmoglein 1 and desmoglein 3 on desmosome formation. *Journal of Investigative Dermatology*, **2002**, 119, 1231-6	4.3	18
238	Placental glutathione-S-transferase-pi mRNA is abundantly expressed in human skin. *Journal of Investigative Dermatology*, **1990**, 95, 119-26	4.3	18
237	Alopecia as a rare but distinct manifestation of pemphigus vulgaris. *Journal of the European Academy of Dermatology and Venereology*, **2013**, 27, 86-91	4.6	17
236	Atopic dermatitis: Role of the skin barrier, environment, microbiome, and therapeutic agents. *Journal of Dermatological Science*, **2021**, 102, 142-157	4.3	17
235	Peptide-pulsed dendritic cell vaccine in combination with carboplatin and paclitaxel chemotherapy for stage IV melanoma. *Melanoma Research*, **2017**, 27, 326-334	3.3	16
234	Homeostatic pruning and activity of epidermal nerves are dysregulated in barrier-impaired skin during chronic itch development. *Scientific Reports*, **2019**, 9, 8625	4.9	16
233	Immune dysregulation of pemphigus in humans and mice. *Journal of Dermatology*, **2010**, 37, 205-13	1.6	16
232	Development of tissue-targeting hemagglutinating virus of Japan envelope vector for successful delivery of therapeutic gene to mouse skin. *Human Gene Therapy*, **2007**, 18, 881-94	4.8	16
231	Pemphigus foliaceus with prominent neutrophilic pustules. *British Journal of Dermatology*, **2001**, 145, 132-6	4	16
230	Pemphigus vulgaris with autoantibodies to desmoplakin. *British Journal of Dermatology*, **2001**, 145, 838-40	4	16
229	Towards a better understanding of pemphigus autoimmunity. *British Journal of Dermatology*, **2000**, 143, 237-8	4	16
228	IgA pemphigus reacting exclusively to desmoglein 3. *European Journal of Dermatology*, **2010**, 20, 626-9	0.8	16
227	Validation of chemiluminescent enzyme immunoassay in detection of autoantibodies in pemphigus and pemphigoid. *Journal of Dermatological Science*, **2017**, 85, 208-215	4.3	15
226	The desmosome is a mesoscale lipid raft-like membrane domain. *Molecular Biology of the Cell*, **2019**, 30, 1390-1405	3.5	15
225	Vancomycin Mediates IgA Autoreactivity in Drug-Induced Linear IgA Bullous Dermatosis. *Journal of Investigative Dermatology*, **2018**, 138, 1473-1480	4.3	15
224	Characterization of canine filaggrin: gene structure and protein expression in dog skin. *Veterinary Dermatology*, **2013**, 24, 25-31.e7	1.8	15
223	Expression of monoacylglycerol lipase as a marker of tumour invasion and progression in malignant melanoma. *Journal of the European Academy of Dermatology and Venereology*, **2017**, 31, 2038-2045	4.6	15

222	Follicular microhemorrhage: a unique dermoscopic sign for the detection of coexisting trichotillomania in alopecia areata. *Journal of Dermatology*, **2014**, 41, 518-20	1.6	15
221	Molecular biological and immunohistological characterization of canine dermal papilla cells and the evaluation of culture conditions. *Veterinary Dermatology*, **2011**, 22, 414-22	1.8	15
220	The molecular logic of pemphigus and impetigo: the desmoglein story. *Veterinary Dermatology*, **2009**, 20, 308-12	1.8	15
219	Filaggrin Expression and Processing Deficiencies Impair Corneocyte Surface Texture and Stiffness in Mice. *Journal of Investigative Dermatology*, **2020**, 140, 615-623.e5	4.3	15
218	Updated international expert recommendations for the management of autoimmune bullous diseases during the COVID-19 pandemic. *Journal of the European Academy of Dermatology and Venereology*, **2021**, 35, e412-e414	4.6	15
217	Exploring the biology of the nail: An intriguing but less-investigated skin appendage. *Journal of Dermatological Science*, **2015**, 79, 187-93	4.3	14
216	Pemphigus mouse model as a tool to evaluate various immunosuppressive therapies. *Experimental Dermatology*, **2009**, 18, 252-60	4	14
215	A case of drug-induced hypersensitivity syndrome showing transient immunosuppression before viral reactivation during treatment for pemphigus foliaceus. *Clinical and Experimental Dermatology*, **2006**, 31, 33-5	1.8	14
214	Conformational epitope mapping of antibodies against desmoglein 3 in experimental murine pemphigus vulgaris. *Journal of Dermatological Science*, **2004**, 35, 133-42	4.3	14
213	230-kDa and 190-kDa proteins in addition to desmoglein 1 as immunological targets in a subset of pemphigus foliaceus with a combined cell-surface and basement membrane zone immune staining pattern. *Experimental Dermatology*, **2003**, 12, 646-54	4	14
212	Production of recombinant extracellular domains of canine desmoglein 1 (Dsg1) by baculovirus expression. *Veterinary Immunology and Immunopathology*, **2003**, 95, 177-82	2	14
211	A case of an inflammatory variant of epidermolysis bullosa acquisita: chronic bullous dermatosis associated with nonscarring mucosal blisters and circulating IgG anti-type-VII-collagen antibody. *Dermatology*, **1998**, 197, 58-61	4.4	14
210	Pemphigus erythematosus: detection of anti-desmoglein-1 antibodies by ELISA. *Dermatology*, **1999**, 199, 188-9	4.4	14
209	Epimorphin expression during human foetal hair follicle development. *British Journal of Dermatology*, **1999**, 141, 447-52	4	14
208	Localization of the human AHNAK/desmoyokin gene (AHNAK) to chromosome band 11q12 by somatic cell hybrid analysis and fluorescence in situ hybridization. *Cytogenetic and Genome Research*, **1995**, 70, 218-20	1.9	14
207	Assignment of the human genes for desmocollin 3 (DSC3) and desmocollin 4 (DSC4) to chromosome 18q12. *Genomics*, **1995**, 25, 330-2	4.3	14
206	Pemphigus vulgaris antigen is a desmosomal desmoglein. *Dermatology*, **1994**, 189 Suppl 1, 24-6	4.4	14
205	Targeting inducible costimulator expressed on CXCR5PD-1 T cells suppresses the progression of pemphigus vulgaris. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 1070-1079.e8	11.5	14

204	Identification of factors contributing to phenotypic divergence via quantitative image analyses of autosomal recessive woolly hair/hypotrichosis with homozygous c.736T>A LIPH mutation. *British Journal of Dermatology*, **2017**, 176, 138-144	4	13
203	The novel SLCO2A1 heterozygous missense mutation p.E427K and nonsense mutation p.R603* in a female patient with pachydermoperiostosis with an atypical phenotype. *British Journal of Dermatology*, **2014**, 170, 1187-9	4	13
202	Involvement of the bulge region with decreased expression of hair follicle stem cell markers in senile female cases of alopecia areata. *Journal of the European Academy of Dermatology and Venereology*, **2011**, 25, 1346-50	4.6	13
201	A case of herpetiform pemphigus associated with autoimmune hemolytic anemia: detection of autoantibodies against multiple epidermal antigens. *Dermatology*, **1996**, 192, 179-82	4.4	13
200	Cutaneous pemphigus vulgaris with skin features similar to the classic mucocutaneous type: a case report and review of the literature. *Clinical and Experimental Dermatology*, **2008**, 33, 724-8	1.8	13
199	No involvement of IgG autoantibodies against extracellular domains of desmoglein 2 in paraneoplastic pemphigus or inflammatory bowel diseases. *Journal of Dermatological Science*, **2003**, 32, 137-41	4.3	13
198	Cloning of canine desmoglein 3 and immunoreactivity of serum antibodies in human and canine pemphigus vulgaris with its extracellular domains. *Journal of Dermatological Science*, **2003**, 32, 181-91	4.3	13
197	Unexpected recalcitrant course of drug-induced erythema multiforme-like eruption and interstitial pneumonia sequentially occurring after nivolumab therapy. *Journal of Dermatology*, **2017**, 44, 818-821	1.6	12
196	Autoimmunity against M□uscarinic acetylcholine receptor induces myocarditis and leads to a dilated cardiomyopathy-like phenotype. *European Journal of Immunology*, **2012**, 42, 1152-63	6.1	12
195	Autoreactive B-cell elimination by pathogenic IgG specific for the same antigen: implications for peripheral tolerance. *International Immunology*, **2008**, 20, 1351-60	4.9	12
194	Production of low titers of anti-desmoglein 1 IgG autoantibodies in some patients with staphylococcal scalded skin syndrome. *Journal of Investigative Dermatology*, **2006**, 126, 2139-41	4.3	12
193	Decline of anti-desmoglein 1 IgG ELISA scores by withdrawal of D-penicillamine in drug-induced pemphigus foliaceus. *Clinical and Experimental Dermatology*, **2005**, 30, 43-5	1.8	12
192	A Case of pemphigus foliaceus which occurred after five years of remission from pemphigus vulgaris. *Dermatology*, **2001**, 203, 174-6	4.4	12
191	Immunoreactivity against intracellular domains of desmogleins in pemphigus. *Journal of Dermatological Science*, **2001**, 25, 64-71	4.3	12
190	Southern analysis of the 230-kD bullous pemphigoid antigen gene in normal humans, animals, and patients with junctional epidermolysis bullosa. *Journal of Investigative Dermatology*, **1991**, 97, 249-53	4.3	12
189	Clinical Utility of SARS-CoV-2 Whole Genome Sequencing in Deciphering Source of Infection. *Journal of Hospital Infection*, **2020**,	6.9	12
188	Co-activation of macrophages and T cells contribute to chronic GVHD in human IL-6 transgenic humanised mouse model. *EBioMedicine*, **2019**, 41, 584-596	8.8	11
187	Transgenic rescue of desmoglein 3 null mice with desmoglein 1 to develop a syngeneic mouse model for pemphigus vulgaris. *Journal of Dermatological Science*, **2011**, 63, 33-9	4.3	11

186	Desmosome splitting is a primary ultrastructural change in the acantholysis of pemphigus. *Journal of Dermatological Science*, **2009**, 54, 59-61	4.3	11
185	Suppression of the immune response against exogenous desmoglein 3 in desmoglein 3 knockout mice: an implication for gene therapy. *Journal of Investigative Dermatology*, **2003**, 120, 610-5	4.3	11
184	A case of herpetiform pemphigus coexisting with psoriasis vulgaris. *British Journal of Dermatology*, **1999**, 141, 754-5	4	11
183	Variants of C-C motif chemokine 22 (CCL22) are associated with susceptibility to atopic dermatitis: case-control studies. *PLoS ONE*, **2011**, 6, e26987	3.7	11
182	Rituximab therapy for refractory autoimmune bullous diseases: A multicenter, open-label, single-arm, phase 1/2 study on 10 Japanese patients. *Journal of Dermatology*, **2019**, 46, 124-130	1.6	11
181	Inflammatory Linear Verrucous Epidermal Nevus with a Postzygotic GJA1 Mutation Is a Mosaic Erythrokeratodermia Variabilis et Progressiva. *Journal of Investigative Dermatology*, **2017**, 137, 967-970	4.3	10
180	Identification and Characterization of a Recessive Missense Mutation p.P277L in SERPINB7 in Nagashima-Type Palmoplantar Keratosis. *Journal of Investigative Dermatology*, **2016**, 136, 325-8	4.3	10
179	Cell-autonomous FLT3L shedding via ADAM10 mediates conventional dendritic cell development in mouse spleen. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 14714-14723	11.5	10
178	An association study of 36 psoriasis susceptibility loci for psoriasis vulgaris and atopic dermatitis in a Japanese population. *Journal of Dermatological Science*, **2014**, 76, 156-7	4.3	10
177	Evaluating efficacy of plasmapheresis for patients with pemphigus using desmoglein enzyme-linked immunosorbent assay. *British Journal of Dermatology*, **2008**, 158, 685-90	4	10
176	Atypical pemphigus involving the esophagus with IgG antibodies to desmoglein 3 and IgA antibodies to desmoglein 1. *Journal of the American Academy of Dermatology*, **2006**, 55, 354-5	4.5	10
175	A mystery of AHNAK/desmoyokin still goes on. *Journal of Investigative Dermatology*, **2004**, 123, xiv-xv	4.3	10
174	A case of herpetiform pemphigus with anti-desmoglein 3 IgG autoantibodies. *Journal of Dermatology*, **2004**, 31, 407-10	1.6	10
173	Keyboard wrist pad. *Contact Dermatitis*, **2001**, 44, 253-4	2.7	10
172	Transport to endoplasmic reticulum by signal peptide, but not proteolytic processing, is required for formation of conformational epitopes of pemphigus vulgaris antigen (Dsg3). *Journal of Investigative Dermatology*, **1996**, 107, 539-42	4.3	10
171	T cell receptor gene rearrangement analysis in mycosis fungoides and disseminated lymphocytoma cutis. *Dermatology*, **1990**, 181, 193-6	4.4	10
170	A case of generalized Hailey-Hailey disease with fatal liver injury. *Keio Journal of Medicine*, **2001**, 50, 109-11	1.6	10
169	Brief report: requirement of TACE/ADAM17 for hair follicle bulge niche establishment. *Stem Cells*, **2012**, 30, 1781-5	5.8	9

168	Ichthyosis follicularis, alopecia, and photophobia syndrome: a case report and a pathological insight into pilosebaceous anomaly. *American Journal of Dermatopathology*, **2011**, 33, 403-6	0.9	9
167	Auto-reactive B cells against peripheral antigen, desmoglein 3, escape from tolerance mechanism. *International Immunology*, **2004**, 16, 1487-95	4.9	9
166	Specific detection of anti-cell surface antibodies in herpes gestationis sera. *Experimental Dermatology*, **1996**, 5, 96-101	4	9
165	Localization of the human gene for 230-kDal bullous pemphigoid autoantigen (BPAG1) to chromosome 6pter----q15. *Cytogenetic and Genome Research*, **1991**, 57, 30-2	1.9	9
164	Type 2 Inflammation Contributes to Skin Barrier Dysfunction in Atopic Dermatitis. *JID Innovations*, **2022**, 100131		9
163	Low pathogenicity of anti-desmoglein 3 immunoglobulin G autoantibodies contributes to the atypical clinical phenotypes in pemphigus. *Journal of Dermatology*, **2015**, 42, 685-9	1.6	8
162	Histopathological investigation of clinically non-affected perilesional scalp in alopecias detected unexpected spread of disease activities. *Journal of Dermatology*, **2014**, 41, 802-7	1.6	8
161	Genetic polymorphism in the TRAF3IP2 gene is associated with psoriasis vulgaris in a Japanese population. *Journal of Dermatological Science*, **2014**, 73, 264-5	4.3	8
160	Dual role of interleukin-23 in epicutaneously-sensitized asthma in mice. *Allergology International*, **2014**, 63 Suppl 1, 13-22	4.4	8
159	3D visualization of epidermal Langerhans cells. *Methods in Molecular Biology*, **2013**, 961, 119-27	1.4	8
158	Mutations in the SASPase gene (ASPRV1) are not associated with atopic eczema or clinically dry skin. *Journal of Investigative Dermatology*, **2012**, 132, 1507-10	4.3	8
157	Autoimmune bullous diseases: historical perspectives. *Journal of Investigative Dermatology*, **2008**, 128, E16-8	4.3	8
156	Parallel fluctuation of anti-desmoglein 3 and anti-BP180 autoantibody titres in a patient with bullous pemphigoid. *Clinical and Experimental Dermatology*, **2004**, 29, 608-11	1.8	8
155	Exclusion of the TAP1 and TAP2 genes within the HLA class II region as candidate susceptibility genes to pemphigus in the Japanese population. *Journal of Dermatological Science*, **2004**, 36, 122-4	4.3	8
154	Brown palm pseudochromhidrosis. *Contact Dermatitis*, **2002**, 46, 237-8	2.7	8
153	Pemphigoid nodularis with IgA autoantibodies against the intracellular domain of desmoglein 1. *British Journal of Dermatology*, **2000**, 142, 143-7	4	8
152	Paraneoplastic pemphigus with cutaneous and serological features of pemphigus foliaceus. *British Journal of Dermatology*, **1999**, 141, 357-9	4	8
151	Pemphigus herpetiformis with an autoimmune response to recombinant desmoglein 1. *British Journal of Dermatology*, **1999**, 141, 354-5	4	8

150	Pemphigus foliaceus: preferential binding of IgG1 and C3 at the upper epidermis. *British Journal of Dermatology*, **1997**, 136, 249-252	4	8
149	Response to hydroxychloroquine in Japanese patients with lupus-related skin disease using the cutaneous lupus erythematosus disease area and severity index (CLASI). *Modern Rheumatology*, **2013**, 23, 318-22	3.3	8
148	Identification of a human papillomavirus type 58 lineage in multiple Bowen's disease on the fingers: Case report and published work review. *Journal of Dermatology*, **2018**, 45, 1195-1198	1.6	7
147	Use of cyclosporin A for successful management of steroid-resistant Sweet's syndrome patient with possible myelodysplastic syndrome. *Journal of Dermatology*, **2014**, 41, 465-6	1.6	7
146	Preferential activation of the complement system in the lower epidermis of patients with pemphigus vulgaris. *British Journal of Dermatology*, **1998**, 139, 851-4	4	7
145	Genetic characterization of human Dsg3-specific B cells isolated by flow cytometry from the peripheral blood of patients with pemphigus vulgaris. *Journal of Dermatological Science*, **2008**, 52, 98-107	4.3	7
144	Canine hyperplastic intraepidermal pustular and suprabasal acantholytic dermatosis with features of human pemphigus vegetans. *Veterinary Pathology*, **2007**, 44, 550-5	2.8	7
143	In vitro pathogenicity assay for anti-desmoglein autoantibodies in pemphigus. *Methods in Molecular Biology*, **2013**, 961, 219-25	1.4	7
142	Basement membrane zone IgE deposition is associated with bullous pemphigoid disease severity and treatment results. *British Journal of Dermatology*, **2020**, 182, 1221-1227	4	7
141	Lack of XAGE-1b and NY-ESO-1 in metastatic lymph nodes may predict the potential survival of stage III melanoma patients. *Journal of Dermatology*, **2017**, 44, 671-680	1.6	6
140	Successful treatment with bendamustine and rituximab for paraneoplastic pemphigus. *Annals of Hematology*, **2017**, 96, 1221-1222	3	6
139	Splicing abnormality of integrin β4 gene (ITGB4) due to nucleotide substitutions far from splice site underlies pyloric atresia-junctional epidermolysis bullosa syndrome. *Journal of Dermatological Science*, **2015**, 78, 61-6	4.3	6
138	Pemphigus Vulgaris and Foliaceus IgG Autoantibodies Directly Block Heterophilic Transinteraction between Desmoglein and Desmocollin. *Journal of Investigative Dermatology*, **2020**, 140, 1919-1926.e7	4.3	6
137	Weekly docetaxel monotherapy for metastatic extramammary Paget's disease: Retrospective single-institute analysis. *Journal of Dermatology*, **2020**, 47, 418-422	1.6	6
136	Results of the guideline-based treatment for pemphigus: a single-centre experience with 84 cases. *Journal of the European Academy of Dermatology and Venereology*, **2020**, 34, 1324-1330	4.6	6
135	Azathioprine monotherapy in autoimmune blistering diseases: A feasible option for mild to moderate cases. *Journal of Dermatology*, **2018**, 45, 334-339	1.6	6
134	Detailed clinicopathological characterization of progressive alopecia areata patients treated with i.v. corticosteroid pulse therapy toward optimization of inclusion criteria. *Journal of Dermatology*, **2014**, 41, 957-63	1.6	6
133	Immunoglobulin G deposition to nonhemidesmosomal lamina lucida and early neutrophil involvement are characteristic features in a case of anti-p200 pemphigoid. *British Journal of Dermatology*, **2013**, 168, 647-55	4	6

132	Anti-type VII collagen autoantibodies, detected by enzyme-linked immunosorbent assay, fluctuate in parallel with clinical severity in patients with epidermolysis bullosa acquisita. *Journal of Dermatology*, **2013**, 40, 864-8	1.6	6
131	Autoimmune reactivity against precursor form of desmoglein 1 in healthy Tunisians in the area of endemic pemphigus foliaceus. *Journal of Dermatological Science*, **2013**, 70, 19-25	4.3	6
130	Candida albicans infection delays duodenal ulcer healing in cysteamine-induced duodenal ulcers in rats. *Digestive Diseases and Sciences*, **2008**, 53, 2878-85	4	6
129	Rapid growth of malignant melanoma in pregnancy. *JDDG - Journal of the German Society of Dermatology*, **2008**, 6, 126-9	1.2	6
128	Aleukaemic leukaemia cutis as an initial manifestation of myeloid/NK cell precursor acute leukaemia. *Journal of the European Academy of Dermatology and Venereology*, **2006**, 20, 453-6	4.6	6
127	Cicatricial pemphigoid of the oropharynx after allogeneic stem cell transplantation for relapsed follicular lymphoma. *International Journal of Hematology*, **2005**, 82, 266-9	2.3	6
126	Autoantibodies against cell adhesion molecules in pemphigus. *Journal of Dermatology*, **1994**, 21, 833-7	1.6	6
125	Pro108Ser mutant of SARS-CoV-2 3CLpro reduces the enzymatic activity and ameliorates COVID-19 severity in Japan		6
124	Endoscopic findings of laryngopharyngeal and esophageal involvement in autoimmune bullous disease. *Digestive Endoscopy*, **2017**, 29, 765-772	3.7	5
123	Case of lamotrigine-induced drug adverse reaction under tocilizumab treatment with clinical and virological features of drug-induced hypersensitivity syndrome. *Journal of Dermatology*, **2018**, 45, 738-741	1.6	5
122	Metastatic eccrine porocarcinoma successfully treated with carboplatin and epirubicin chemotherapy. *Journal of Dermatology*, **2015**, 42, 928-30	1.6	5
121	Rheumatoid neutrophilic dermatosis with tense blister formation: a case report and review of the literature. *Australasian Journal of Dermatology*, **2014**, 55, e12-4	1.3	5
120	Collapse of the keratin filament network through the expression of mutant keratin 6c observed in a case of focal plantar keratoderma. *Journal of Dermatology*, **2013**, 40, 553-7	1.6	5
119	Inflammatory plaque with peripheral nodules: a new specific finding of cutaneous polyarteritis nodosa. *Journal of the American Academy of Dermatology*, **2009**, 60, 320-5	4.5	5
118	No activation of urokinase plasminogen activator by anti-desmoglein 3 monoclonal IgG antibodies in cultured human keratinocytes. *Journal of Dermatological Science*, **2007**, 47, 119-25	4.3	5
117	HaloTag-based conjugation of proteins to barcoding-oligonucleotides. *Nucleic Acids Research*, **2020**, 48, e8	20.1	5
116	A unique mode of keratinocyte death requires intracellular acidification. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	5
115	Modulating Immunity to Treat Autoimmune Disease. *New England Journal of Medicine*, **2016**, 375, 1487-1489	59.2	5

114	Holocrine Secretion Occurs outside the Tight Junction Barrier in Multicellular Glands: Lessons from Claudin-1-Deficient Mice. *Journal of Investigative Dermatology*, **2020**, 140, 298-308.e5	4.3	5
113	Evaluation of pharyngo-oesophageal involvement in pemphigus vulgaris and its correlation with disease activity. *British Journal of Dermatology*, **2017**, 176, 224-226	4	4
112	Novel nonsense mutation in SERPINB7 and the treatment of foot odor in a patient with Nagashima-type palmoplantar keratosis. *Journal of Dermatology*, **2017**, 44, e146-e147	1.6	4
111	Alopecia areata multiplex following autologous dermal micrograft injection for treatment of androgenetic alopecia. *Journal of the European Academy of Dermatology and Venereology*, **2019**, 33, e397-e399	4.6	4
110	Autoimmunity and immunological tolerance in autoimmune bullous diseases. *International Immunology*, **2019**, 31, 431-437	4.9	4
109	Serum cytokeratin 19 fragment 21-1 and carcinoembryonic antigen combination assay as a biomarker of tumour progression and treatment response in extramammary Paget disease. *British Journal of Dermatology*, **2019**, 181, 535-543	4	4
108	Premature aging syndrome showing random chromosome number instabilities with CDC20 mutation. *Aging Cell*, **2020**, 19, e13251	9.9	4
107	Strategic Outlook toward 2030: Japan research for allergy and immunology - Secondary publication. *Allergology International*, **2020**, 69, 561-570	4.4	4
106	Bone Marrow-Derived Stem Cells Migrate into Intraepidermal Skin Defects of a Desmoglein-3 Knockout Mouse Model but Preserve their Mesodermal Differentiation. *Journal of Investigative Dermatology*, **2018**, 138, 1157-1165	4.3	4
105	Azathioprine-induced alopecia and leukopenia associated with NUDT15 polymorphisms. *Journal of the European Academy of Dermatology and Venereology*, **2018**, 32, e386-e389	4.6	4
104	Development of an electronic medical record-based algorithm to identify patients with Stevens-Johnson syndrome and toxic epidermal necrolysis in Japan. *PLoS ONE*, **2019**, 14, e0221130	3.7	4
103	Unusually extensive disseminated herpes zoster with multiple ulcer formation in a methotrexate-treated rheumatoid arthritis patient. *Journal of Dermatology*, **2014**, 41, 181-2	1.6	4
102	Intractable ulcer caused by Mycobacterium shinshuense: successful identification of mycobacterium strain by 16S ribosomal RNA 3 end sequencing. *Clinical and Experimental Dermatology*, **2009**, 34, e712-5	1.8	4
101	Pemphigus foliaceus: preferential binding of IgG1 and C3 at the upper epidermis. *British Journal of Dermatology*, **1997**, 136, 249-252	4	4
100	FC-19 Autoantibodies against extracellular domains of desmocollin 1 are not involved in canine pemphigus foliaceus. *Veterinary Dermatology*, **2004**, 15, 26-26	1.8	4
99	Trichilemmal tumor arising in a seborrheic keratosis: analysis of cell kinetics by BrdU staining. *Journal of Dermatology*, **1991**, 18, 334-9	1.6	4
98	Vesicular pemphigoid--ultrastructural and immunoelectron microscopic study. *Dermatology*, **1989**, 178, 213-6	4.4	4
97	Peripheral tolerance by Treg via constraining OX40 signal in autoreactive T cells against desmoglein 3, a target antigen in pemphigus. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	4

96	Anti-PD-1 antibody therapy for epithelial skin malignancies: An investigator-initiated, open-label, single-arm, multicenter, phase II clinical trial (NMSC-PD1 Study). *Medicine (United States)*, **2020**, 99, e22913	1.8	4
95	Staphylococcus cohnii is a potentially biotherapeutic skin commensal alleviating skin inflammation. *Cell Reports*, **2021**, 35, 109052	10.6	4
94	Evaluation of the appropriate surgical margin for pigmented basal cell carcinoma according to the risk factors for recurrence: a single-institute retrospective study in Japan. *Journal of the European Academy of Dermatology and Venereology*, **2018**, 32, e453-e455	4.6	4
93	Somatic HRAS p.G12S mosaic mutation causes unilaterally distributed epidermal nevi, woolly hair and palmoplantar keratosis. *Journal of Dermatology*, **2017**, 44, e109-e110	1.6	3
92	Abl family tyrosine kinases govern IgG extravasation in the skin in a murine pemphigus model. *Nature Communications*, **2019**, 10, 4432	17.4	3
91	Alopecia in Cronkhite-Canada syndrome: Is it truly telogen effluvium?. *Australasian Journal of Dermatology*, **2019**, 60, e342-e343	1.3	3
90	Imiquimod-induced dermatitis impairs thymic tolerance of autoreactive CD4 T cells to desmoglein 3. *Journal of Dermatological Science*, **2020**, 100, 166-174	4.3	3
89	A familial case of nail patella syndrome with a heterozygous in-frame indel mutation in the LIM domain of LMX1B. *Journal of Dermatological Science*, **2018**, 90, 90-93	4.3	3
88	Cracking the code of skin inflammation with CD1a. *Nature Immunology*, **2016**, 17, 1133-4	19.1	3
87	Assessment of the methods used to detect HER2-positive advanced extramammary Paget's disease. *Medical Oncology*, **2018**, 35, 92	3.7	3
86	Non-pigmenting fixed drug eruption with mixed features of acute generalized exanthematous pustulosis induced by pseudoephedrine: a case report. *Contact Dermatitis*, **2017**, 77, 123-126	2.7	3
85	Dermoscopy of pigmented invasive ductal carcinoma mimicking basal cell carcinoma. *Australasian Journal of Dermatology*, **2017**, 58, 326-327	1.3	3
84	Postherpetic Wolf's isotopic response: possible contribution of resident memory T cells to the pathogenesis of lichenoid reaction. *British Journal of Dermatology*, **2015**, 173, 1331-4	4	3
83	Application of electron microscopic analysis and fluorescent in situ hybridization technique for the successful diagnosis of extraskeletal Ewing's sarcoma. *Journal of Dermatology*, **2015**, 42, 893-6	1.6	3
82	Discontinuation of living donor liver transplantation due to donor's intraoperative latex-induced anaphylactic shock. *International Surgery*, **2012**, 97, 356-9	0.1	3
81	Development of an enzyme-linked immunosorbent assay for detection of circulating IgG autoantibodies against canine desmoglein 3 in dogs with pemphigus. *Veterinary Dermatology*, **2009**, 20, 331-7	1.8	3
80	Non-pathogenic anti-desmoglein 3 IgG autoantibodies in Fogo Selvagem. *Journal of Investigative Dermatology*, **2006**, 126, 1931-2	4.3	3
79	Association of ras p21 with differentiation of epidermal keratinocytes in proliferating skin diseases. *Journal of Dermatological Science*, **1992**, 4, 83-6	4.3	3

78	Streptococcus pyogenes upregulates arginine catabolism to exert its pathogenesis on the skin surface. *Cell Reports*, **2021**, 34, 108924	10.6	3
77	Case of lymphoplasmacytic plaque in children: Analysis of the distribution of infiltrating immune cells. *Journal of Dermatology*, **2016**, 43, 1368-1370	1.6	3
76	Risk of Stevens-Johnson syndrome and toxic epidermal necrolysis associated with anticonvulsants in a Japanese population: Matched case-control and cohort studies. *Allergology International*, **2021**, 70, 335-342	4.4	3
75	Pemphigus foliaceus: preferential binding of IgG1 and C3 at the upper epidermis. *British Journal of Dermatology*, **1997**, 136, 249-52	4	3
74	Herpetiform pemphigus showing reactivity with pemphigus vulgaris antigen (desmoglein 3). *British Journal of Dermatology*, **1997**, 137, 109-13	4	3
73	Case of dominant dystrophic epidermolysis bullosa with amniotic band syndrome. *Journal of Dermatology*, **2017**, 44, 102-103	1.6	2
72	Generalized eruptive histiocytoma developing into xanthoma disseminatum with central diabetes insipidus. *Journal of Dermatology*, **2019**, 46, e281-e283	1.6	2
71	Distinct phenotype of epidermolysis bullosa simplex with infantile migratory circinate erythema due to frameshift mutations in the V2 domain of KRT5. *Journal of the European Academy of Dermatology and Venereology*, **2017**, 31, e241-e243	4.6	2
70	GVHD-like erythroderma in the clinical course of thymoma-associated myasthenia gravis. *European Journal of Dermatology*, **2017**, 27, 314-315	0.8	2
69	Japanese recurrent mutation c.6216+5G>T in COL7A1 leads to a mild phenotype of dystrophic epidermolysis bullosa. *Journal of Dermatological Science*, **2015**, 80, 220-3	4.3	2
68	Chronology of confluent and reticulated papillomatosis: spontaneous regression in a case after long-term follow-up may imply transient nature of the condition. *Journal of Dermatology*, **2015**, 42, 335-6	1.6	2
67	Case of angiosarcoma on the abdominal wall, an extremely rare variant, putatively shared the pathogenesis with Stewart-Treves syndrome. *Journal of Dermatology*, **2015**, 42, 426-7	1.6	2
66	Subcellular localization of desmosomal components is different between desmoglein3 knockout mice and pemphigus vulgaris model mice. *Journal of Dermatological Science*, **2009**, 55, 108-15	4.3	2
65	Aroma Composition of an Interspecies Hybrid Cultivar Named “Nakamidori” between Allium Fistulosum and A. tuberosum by Embryo Culture. *Nippon Nogeikagaku Kaishi*, **1997**, 71, 1273-1277		2
64	Estimating the Inheritance for Parthenogenesis in Tetraploid Chinese Leek (Allium ramosum, syn. A. tuberosum). *Ikushugaku Kenkyu*, **2006**, 8, 89-98	0.1	2
63	Cloning of TPA-inducible early (TIE) genes by differential hybridization using TPA-nonresponsive variant of mouse 3T3-L1 cells. *Somatic Cell and Molecular Genetics*, **1989**, 15, 153-8		2
62	Highly Precise, Continuous, Long-term Monitoring of Skin Electrical Resistance by Nanomesh Electrodes.. *Advanced Healthcare Materials*, **2022**, e2102425	10.1	2
61	The Desmosome is a Mesoscale Lipid Raft-Like Membrane Domain		2

60	Successful treatment with secukinumab of three psoriatic patients undergoing dialysis. *Journal of Dermatology*, **2020**, 47, e26-e28	1.6	2
59	Case of autosomal recessive woolly hair/hypotrichosis with a homozygous c.736T>A mutation of LIPH caused by maternal uniparental disomy of chromosome 3. *Journal of Dermatology*, **2020**, 47, e393-e394	1.6	2
58	Filaggrin-gene mutation has minimal effect on the disease severity in the lesions of atopic dermatitis. *Journal of Dermatology*, **2021**, 48, 1688-1699	1.6	2
57	A multicenter, open-label, uncontrolled, single-arm phase 2 study of tirabrutinib, an oral Bruton's tyrosine kinase inhibitor, in pemphigus. *Journal of Dermatological Science*, **2021**, 103, 135-142	4.3	2
56	Autoimmune and inflammatory diseases occur in cases of drug-induced hypersensitivity syndrome but not in suspected cases. *Journal of Dermatology*, **2021**, 48, e45-e46	1.6	2
55	SARS-CoV-2 Infection among Medical Institution Faculty and Healthcare Workers in Tokyo, Japan. *Internal Medicine*, **2021**, 60, 2569-2575	1.1	2
54	Bullous pemphigoid in infancy with spontaneous remission. *European Journal of Dermatology*, **2017**, 27, 95-96	0.8	1
53	3D in vivo imaging of the keratin filament network in the mouse stratum granulosum reveals profilaggrin-dependent regulation of keratin bundling. *Journal of Dermatological Science*, **2019**, 94, 346-349	4.3	1
52	Successful control of adrenal metastasis with transcatheter arterial chemoembolization in metastatic melanoma patient undergoing treatment with immune checkpoint inhibitor. *Journal of Dermatology*, **2019**, 46, e276-e278	1.6	1
51	Case of metastatic cutaneous myoepithelial carcinoma lacking severe cytological atypia. *Journal of Dermatology*, **2020**, 47, e97-e98	1.6	1
50	Clinical Characterization of Oral Symptoms in 6 Paraneoplastic Pemphigus Patients. *Journal of Japanese Society of Oral Medicine*, **2017**, 23, 1-8	0.1	1
49	Characterization of centriole duplication in human epidermis, Bowen's disease, and squamous cell carcinoma. *Journal of Dermatological Science*, **2018**, 91, 9-18	4.3	1
48	Author's reply: Paraneoplastic autoimmune multi-organ syndrome is a distinct entity from traditional pemphigus subtypes. *Nature Reviews Disease Primers*, **2018**, 4, 18013	51.1	1
47	Case of non-Herlitz junctional epidermolysis bullosa with COL17A1 mutation. *Journal of Dermatology*, **2015**, 42, 323-5	1.6	1
46	Pemphigus treatment in Japan. *Dermatologic Clinics*, **2011**, 29, 685-6	4.2	1
45	Pro108Ser mutation of SARS-CoV-2 3CL reduces the enzyme activity and ameliorates the clinical severity of COVID-19.. *Scientific Reports*, **2022**, 12, 1299	4.9	1
44	Life-threatening rocuronium-induced anaphylactic shock without cutaneous manifestations successfully reversed with sugammadex: a case report. *JA Clinical Reports*, **2020**, 6, 95	0.6	1
43	Mitogen-mediated protein phosphorylation in Werner's syndrome fibroblasts. *Cell Structure and Function*, **1988**, 13, 471-80	2.2	1

42	A Case of Pemphigus Vulgaris in a 13-Year-Old Girl. *Journal of Japanese Society for Oral Mucous Membrane*, **2002**, 8, 37-42		1
41	Analysis of clinical characteristics, prognosis and antibody pathogenicity of pemphigus patients positive for anti-desmoglein IgG autoantibodies in remission: a retrospective cohort study. *Journal of the European Academy of Dermatology and Venereology*, **2021**,	4.6	1
40	Assessment of skin barrier function using skin images with topological data analysis. *Npj Systems Biology and Applications*, **2020**, 6, 40	5	1
39	A nonepidermolytic keratinocytic epidermal naevus associated with a postzygotic mutation in the gene encoding epidermal growth factor receptor. *British Journal of Dermatology*, **2020**, 182, 1303-1305	4	1
38	Nagashima-type palmoplantar keratosis caused by biallelic maternal mutation of SERPINB7 with segmental uniparental disomy of chromosome 18q. *Journal of Dermatology*, **2020**, 47, e453-e454	1.6	1
37	Frequent FGFR3 and Ras Gene Mutations in Skin Tags or Acrochordons. *Journal of Investigative Dermatology*, **2021**, 141, 2756-2760.e8	4.3	1
36	Results of a nationwide epidemiologic survey of autosomal recessive congenital ichthyosis and ichthyosis syndromes in Japan. *Journal of the American Academy of Dermatology*, **2019**, 81, 1086-1092.e1	4.5	1
35	Two case reports of Mycobacterium marinum infection with psoriatic arthritis treated by tumor necrosis factor-□inhibitors. *Journal of Dermatology*, **2021**, 48, e106-e107	1.6	1
34	Autosomal dominant familial acanthosis nigricans caused by a C-terminal nonsense mutation of FGFR3. *Journal of Human Genetics*, **2021**, 66, 831-834	4.3	1
33	Urticaria due to natto (fermented soybeans). *Clinical and Experimental Dermatology*, **2021**, 46, 932-934	1.8	1
32	Identification of B.1.346 lineage of SARS-CoV-2 in Japan: Genomic evidence of re-entry of Clade 20C		1
31	The pathogeneses of pemphigus and pemphigoid diseases.. *Journal of Dermatological Science*, **2021**, 104, 154-163	4.3	1
30	Case of primary cutaneous methotrexate-associated Hodgkin lymphoma. *Journal of Dermatology*, **2017**, 44, 1079-1081	1.6	0
29	Immune response involving the bulge region in addition to telogen conversion contributes to hair loss in a case of atypical drug-induced hypersensitivity syndrome. *Journal of Dermatology*, **2013**, 40, 928-9	1.6	0
28	Cholesterol 25-hydroxylase is a metabolic switch to constrain T cell-mediated inflammation in the skin. *Science Immunology*, **2021**, 6, eabb6444	28	0
27	Eosinophilic pustular folliculitis with palmoplantar lesions and nail deformity. *Journal of Dermatology*, **2020**, 47, e357-e359	1.6	0
26	Linear and disseminated porokeratosis in one family showing identical and independent second hits in MVD among skin lesions, respectively: a proof-of-concept study. *British Journal of Dermatology*, **2021**, 184, 1209-1212	4	0
25	Single nucleotide variations in genes associated with innate immunity are enriched in Japanese adult cases of face and neck type atopic dermatitis. *Journal of Dermatological Science*, **2021**, 101, 93-100	4.3	0

24	Diagnostic utility of the basophil activation test in natto-induced hypersensitivity. *Allergology International*, **2021**, 71, 125-125	4.4	0
23	A two-step immunoblot assay for serological diagnosis of anti-laminin 1 pemphigoid. *Journal of the European Academy of Dermatology and Venereology*, **2019**, 33, 632	4.6	
22	ESDR and JSID Collegiality Was not Built in a Day. *Journal of Investigative Dermatology*, **2020**, 140, S175-S176	4.3	
21	Epidermodysplasia verruciformis without progression to squamous cell carcinomas in an elderly man: human papillomavirus infection in the evolving verruca. *International Journal of Dermatology*, **2020**, 59, e334-e336	1.7	
20	A milestone in reaching the goal of complete remission off-therapy in pemphigus. *Journal of the European Academy of Dermatology and Venereology*, **2020**, 34, e405	4.6	
19	Metastatic Cutaneous Squamous Cell Carcinoma in Liver Successfully Treated With Partial Hepatectomy and Adjuvant Irinotecan Chemotherapy. *In Vivo*, **2020**, 34, 825-828	2.3	
18	An adult case of X-linked chronic granulomatous disease with skin ulcer on the nose and internal canthus. *Journal of the European Academy of Dermatology and Venereology*, **2020**, 34, e388-e391	4.6	
17	Is Local Production of Autoantibodies in Skin Lesions Relevant in Pemphigus?. *Journal of Investigative Dermatology*, **2020**, 140, 275-276	4.3	
16	Combination of low-dose total skin electron beam therapy and subsequent localized skin electron beam therapy as a therapeutic option for advanced-stage mycosis fungoides. *Clinical and Experimental Dermatology*, **2018**, 43, 437-440	1.8	
15	Characterization of Canine Filaggrin: Gene Structure and Protein Expression in Dog Skin **2013**, 25-31		
14	Desmoglein antibodies and pemphigus vulgaris: a tale of treason and a fight for life. *Experimental Dermatology*, **2006**, 15, 1016	4	
13	Pemphigus Family of Diseases **2008**, 739-749		
12	Metabolome profile of Negi-Nira chive, an interspecies hybrid of green spring onion () and Chinese chive (). *Plant Biotechnology*, **2020**, 37, 383-387	1.3	
11	Two Cases of Pemphigus Vulgaris Limited to the Mucosa. *Journal of Japanese Society for Oral Mucous Membrane*, **2000**, 6, 26-31		
10	????????? ?????????????*Nishinihon Journal of Dermatology*, **2000**, 62, 577-580	0	
9	Pemphigus Family of Disease **2017**, 601-612		
8	External antigen uptake by Langerhans cells with reorganization of epidermal tight junction barriers. *Journal of Cell Biology*, **2009**, 187, i14-i14	7.3	
7	Acquired Bullous Disease **2010**, 389-405		

6	Mucous membrane pemphigoid with esophageal lesion. *Progress of Digestive Endoscopy*, **2014**, 84, 70-710	
5	AuthorsMreply to: Comment on the article by Dr. Toshima about alopecia areata multiplex following autologous dermal micrograft injection. *Journal of the European Academy of Dermatology and Venereology*, **2020**, 34, e222-e223	4.6
4	Characteristic linear-agminated papules: A rare clinical manifestation of melanoma with epidermotropic satellite metastasis. *Journal of Dermatology*, **2020**, 47, e433-e435	1.6
3	Gamma-delta T cell large granular lymphocyte leukaemia with multiple cutaneous nodules that showed spontaneous regression. *Journal of the European Academy of Dermatology and Venereology*, **2019**, 33, e134-e137	4.6
2	How do experts treat patients with bullous pemphigoid around the world? An international survey.. *JID Innovations*, **2022**, 100129	
1	Palmar whitish change after water exposure in a familial mild case of loricrin keratoderma (loricrin ichthyosis). *Journal of Dermatology*,	1.6