Koji Nishifuji

List of Publications by Year
in descending order

91	2,599	218677	189892
papers	citations	26 h-index	50 g-index

102	102	102	2123
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Use of autoantigen-knockout mice in developing an active autoimmune disease model for pemphigus. Journal of Clinical Investigation, 2000, 105, 625-631.	8.2	239
2	Identification of theStaphylococcus aureus etdPathogenicity Island Which Encodes a Novel Exfoliative Toxin, ETD, and EDIN-B. Infection and Immunity, 2002, 70, 5835-5845.	2.2	215
3	Staphylococcal Exfoliative Toxin B Specifically Cleaves Desmoglein 1. Journal of Investigative Dermatology, 2002, 118, 845-850.	0.7	175
4	Molecular mechanisms of blister formation in bullous impetigo and staphylococcal scalded skin syndrome. Journal of Clinical Investigation, 2002, 110, 53-60.	8.2	149
5	Staphylococcal exfoliative toxins: â€œMolecular scissorsâ€•of bacteria that attack the cutaneous defense barrier in mammals. Journal of Dermatological Science, 2008, 49, 21-31.	1.9	140
6	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.	0.7	119
7	Increased transepidermal water loss and decreased ceramide content in lesional and nonâ€lesional skin of dogs with atopic dermatitis. Veterinary Dermatology, 2009, 20, 541-546.	1.2	106
8	Antimicrobial Susceptibility and Methicillin Resistance in Staphylococcus pseudintermedius and Staphylococcus schleiferi subsp. coagulans Isolated from Dogs with Pyoderma in Japan. Journal of Veterinary Medical Science, 2010, 72, 1615-1619.	0.9	92
9	Use of Domain-Swapped Molecules for Conformational Epitope Mapping of Desmoglein 3 in Pemphigus Vulgaris. Journal of Investigative Dermatology, 2000, 115, 829-834.	0.7	79
10	Molecular mechanisms of blister formation in bullous impetigo and staphylococcal scalded skin syndrome. Journal of Clinical Investigation, 2002, 110, 53-60.	8.2	76
11	Epitope Spreading Is Rarely Found in Pemphigus Vulgaris by Large-Scale Longitudinal Study Using Desmoglein 2â€“Based Swapped Molecules. Journal of Investigative Dermatology, 2012, 132, 1158-1168.	0.7	60
12	Piperacillin and ceftazidime produce the strongest synergistic phageâ€“antibiotic effect in Pseudomonas aeruginosa. Archives of Virology, 2018, 163, 1941-1948.	2.1	58
13	Enzymatic and Molecular Characteristics of the Efficiency and Specificity of Exfoliative Toxin Cleavage of Desmoglein 1. Journal of Biological Chemistry, 2004, 279, 5268-5277.	3.4	56
14	The stratum corneum: the rampart of the mammalian body. Veterinary Dermatology, 2013, 24, 60.	1.2	55
15	Transepidermal Water Loss (TEWL) Reflects Skin Barrier Function of Dog. Journal of Veterinary Medical Science, 2008, 70, 841-843.	0.9	49
16	Alteration of stratum corneum ceramide profiles in spontaneous canine model of atopic dermatitis. Experimental Dermatology, 2011, 20, 732-736.	2.9	49
17	Defining the pathogenic involvement of desmoglein 4 in pemphigus and staphylococcal scalded skin syndrome. Journal of Clinical Investigation, 2004, 114, 1484-1492.	8.2	49
18	Staphylococcus hyicus exfoliative toxins selectively digest porcine desmoglein 1. Microbial Pathogenesis, 2005, 39, 171-176.	2.9	46

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19	Identification of a novel Staphylococcus pseudintermedius exfoliative toxin gene and its prevalence in isolates from canines with pyoderma and healthy dogs. FEMS Microbiology Letters, 2010, 312, 169-175.	1.8	45
20	Langerhans Cells Prevent Autoimmunity via Expansion of Keratinocyte Antigen-Specific Regulatory T Cells. EBioMedicine, 2018, 27, 293-303.	6.1	44
21	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, 410-417.	0.7	43
22	Staphylococcus pseudintermedius exfoliative toxin EXI selectively digests canine desmoglein 1 and causes subcorneal clefts in canine epidermis. Veterinary Dermatology, 2011, 22, 319-326.	1.2	42
23	Comparison of Response to Immunotherapy by Intradermal Skin Test and Antigen-Specific IgE in Canine Atopy.. Journal of Veterinary Medical Science, 2000, 62, 983-988.	0.9	38
24	Allergen-specific immunotherapy induces Th1 shift in dogs with atopic dermatitis. Veterinary Immunology and Immunopathology, 2004, 102, 19-31.	1.2	38
25	Canine hairâ€follicle keratinocytes enriched with bulge cells have the highly proliferative characteristic of stem cells. Veterinary Dermatology, 2009, 20, 338-346.	1.2	30
26	Putative drug-related pemphigus foliaceus in four dogs. Veterinary Dermatology, 2002, 13, 195-202.	1.2	29
27	Cloning of swine desmoglein 1 and its direct proteolysis by Staphylococcus hyicus exfoliative toxins isolated from pigs with exudative epidermitis. Veterinary Dermatology, 2005, 16, 315-323.	1.2	26
28	Analyses of Short-Term Antagonistic Evolution of Pseudomonas aeruginosa Strain PAO1 and Phage KPP22 (Myoviridae Family, PB1-Like Virus Genus). Applied and Environmental Microbiology, 2016, 82, 4482-4491.	3.1	26
29	Therapeutic Potential of an Endolysin Derived from Kayvirus S25-3 for Staphylococcal Impetigo. Viruses, 2019, 11, 769.	3.3	25
30	Cyclosporine A Inhibits Transcription of Cytokine Genes and Decreases The Frequencies of IL-2 Producing Cells in Feline Mononuclear Cells. Journal of Veterinary Medical Science, 2008, 70, 1011-1016.	0.9	24
31	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, 184-191.	1.9	23
32	Kestose supplementation exerts bifidogenic effect within fecal microbiota and increases fecal butyrate concentration in dogs. Journal of Veterinary Medical Science, 2020, 82, 1-8.	0.9	22
33	Fibrodysplasia Ossificans Progressiva in a Maine Coon Cat with Prominent Ossification in Dorsal Muscle. Journal of Veterinary Medical Science, 2009, 71, 1649-1652.	0.9	20
34	Exfoliative toxin E, a new Staphylococcus aureus virulence factor with host-specific activity. Scientific Reports, 2019, 9, 16336.	3.3	20
35	IgG autoantibodies directed against desmoglein 3 cause dissociation of keratinocytes in canine pemphigus vulgaris and paraneoplastic pemphigus. Veterinary Immunology and Immunopathology, 2007, 117, 209-221.	1.2	19
36	Natto extract, a Japanese fermented soybean food, directly inhibits viral infections including SARS-CoV-2 inÂvitro. Biochemical and Biophysical Research Communications, 2021, 570, 21-25.	2.1	19

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37	Characterization of canine filaggrin: gene structure and protein expression in dog skin. Veterinary Dermatology, 2013, 24, 25.	1.2	18
38	Pemphigus vulgaris in a Welsh pony stallion: case report and demonstration of antidesmoglein autoantibodies. Veterinary Dermatology, 2013, 24, 269.	1.2	18
39	Development of Tissue-Targeting Hemagglutinating Virus of Japan Envelope Vector for Successful Delivery of Therapeutic Gene to Mouse Skin. Human Gene Therapy, 2007, 18, 881-894.	2.7	16
40	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, 181-191.	1.9	15
41	Production of recombinant extracellular domains of canine desmoglein 1 (Dsg1) by baculovirus expression. Veterinary Immunology and Immunopathology, 2003, 95, 177-182.	1.2	15
42	Conformational epitope mapping of antibodies against desmoglein 3 in experimental murine pemphigus vulgaris. Journal of Dermatological Science, 2004, 35, 133-142.	1.9	15
43	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, 33-39.	1.9	13
44	Epidermal structure created by canine hair follicle keratinocytes enriched with bulge cells in a threeâ€dimensional skin equivalent model in vitro: implications for regenerative therapy of canine epidermis. Veterinary Dermatology, 2013, 24, 77.	1.2	12
45	Trichoblastoma with Abundant Plump Stromal Cells in a Dog. Journal of Veterinary Medical Science, 2014, 76, 735-739.	0.9	11
46	Comparison of the expression, activity, and fecal concentration of intestinal alkaline phosphatase between healthy dogs and dogs with chronic enteropathy. American Journal of Veterinary Research, 2016, 77, 721-729.	0.6	10
47	Exfoliative Toxins of Staphylococcus aureus. , 0, , .		10
48	Neutrophils Contact to Plasma Membrane of Keratinocytes Including Desmosomal Structures in Canine Pemphigus Foliaceus. Journal of Veterinary Medical Science, 2008, 70, 807-812.	0.9	8
49	Gene transcription analysis in lesional skin of canine epitheliotropic cutaneous lymphoma using quantitative real-time RT-PCR. Veterinary Immunology and Immunopathology, 2011, 144, 329-336.	1.2	8
50	Skin lipid profiling in normal and seborrhoeic shih tzu dogs. Veterinary Dermatology, 2013, 24, 84.	1.2	8
51	Progenitor cells expressing nestin, a neural crest stem cell marker, differentiate into outer root sheath keratinocytes. Veterinary Dermatology, 2019, 30, 365.	1.2	8
52	A Canine Pemphigus Foliaceus Case Showing Parallel Relationship of Disease Activity and Titer of Serum Anti-keratinocyte Cell Surface Antibodies. Journal of Veterinary Medical Science, 2005, 67, 943-945.	0.9	5
53	A Case of Hyperplastic Dermatosis of the West Highland White Terrier Controlled by Recombinant Canine Interferon-.GAMMA. Therapy. Journal of Veterinary Medical Science, 2007, 69, 455-457.	0.9	5
54	Development of an enzymeâ€linked immunosorbent assay for detection of circulating IgG autoantibodies against canine desmoglein 3 in dogs with pemphigus. Veterinary Dermatology, 2009, 20, 331-337.	1.2	5

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55	IgE reactivity to fish allergens from Pacific cod (Gadus macrocephalus) in atopic dogs. BMC Veterinary Research, 2020, 16, 341.	1.9	5
56	Expression Analysis of Desmosomal Components of the Novel Canine Epidermal Keratinocyte Cell Line (MSCEK). Journal of Veterinary Medical Science, 2010, 72, 1479-1482.	0.9	4
57	Isolation of Fusarium sp. from a Claw of a Dog with Onychomycosis. Journal of Veterinary Medical Science, 2011, 73, 965-969.	0.9	4
58	Transcription profile of chemokine receptors, cytokines and cytotoxic markers in peripheral blood of dogs with epitheliotropic cutaneous lymphoma. Veterinary Dermatology, 2013, 24, 628-e155.	1.2	4
59	Generalized Alopecia with Vasculitis-Like Changes in a Dog with Babesiosis. Journal of Veterinary Medical Science, 2013, 75, 1367-1369.	0.9	4
60	Effects of age, sex, and breed on the composition of free extractable ceramides in the stratum corneum of healthy dogs. Veterinary Research Communications, 2021, , 1.	1.6	4
61	Canine pemphigus foliaceus antigen is localized within desmosomes of keratinocyte. Veterinary Immunology and Immunopathology, 2009, 127, 57-64.	1.2	3
62	Two Dogs with Juvenile-Onset Skin Diseases with Involvement of Extremities. Journal of Veterinary Medical Science, 2010, 72, 1513-1516.	0.9	3
63	Usefulness of cefovecin diskâ€diffusion test for predicting mecA geneâ€containing strains of Staphylococcus pseudintermedius and clinical efficacy of cefovecin in dogs with superficial pyoderma. Veterinary Dermatology, 2013, 24, 162.	1.2	3
64	Staphylococcus aureus penetrate the interkeratinocyte spaces created by skinâ€infiltrating neutrophils in a mouse model of impetigo. Veterinary Dermatology, 2017, 28, 126.	1.2	3
65	Successful Treatment of Two Dogs with Allergic Dermatitis by Anti-Allergic Peptides(MS-antigen).. Journal of Veterinary Medical Science, 2002, 64, 63-65.	0.9	2
66	Detection of Apoptotic Epidermal Cells in a Dog with Toxic Epidermal Necrolysis. The Japanese Journal of Veterinary Dermatology, 2015, 21, 71-75.	0.0	2
67	Two Canine and One Feline Cases Suspected of Having Thermal Burn from Histopathological Findings. The Japanese Journal of Veterinary Dermatology, 2015, 21, 77-80.	0.0	2
68	Clinical efficacy of artificially carbonated water bathing on superficial bacterial folliculitis in dogs. Veterinary Dermatology, 2021, , .	1.2	2
69	Feline Epidermal Nevi Resembling Human Inflammatory Linear Verrucous Epidermal Nevus. Journal of Veterinary Medical Science, 2012, 74, 1337-1339.	0.9	1
70	Contributions of Histopathology and Molecular Biology for the Discovery of Genodermatoses in Animals. Veterinary Pathology, 2015, 52, 605-606.	1.7	1
71	First identification of a single amino acid change in the spike protein region of feline coronavirus detected from a coronavirus-associated cutaneous nodule in a cat. Journal of Feline Medicine and Surgery Open Reports, 2018, 4, 205511691880138.	0.2	1
72	Canine and Feline Dermatophyosis: a Guideline for the Antifungal Therapy. The Japanese Journal of Veterinary Dermatology, 2018, 24, 3-8.	0.0	1

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73	An attempt to develop guidelines for the diagnosis and treatment of canine atopic dermatitis: current status and issues. The Japanese Journal of Veterinary Dermatology, 2019, 25, 69-76.	0.0	1
74	Supplementation with eicosapentaenoic acid and linoleic acid increases the production of epidermal ceramides inin vitrocanine keratinocytes. Veterinary Dermatology, 2020, 31, 419.	1.2	1
75	Canine Superficial Pyoderma: an Indication for Antimicrobial and Topical Therapies. The Japanese Journal of Veterinary Dermatology, 2017, 23, 127-134.	0.0	1
76	Autoimmune Subepidermal Blistering Disease with Predominant Oral Involvement in a Toy Poodle. The Japanese Journal of Veterinary Dermatology, 2016, 22, 201-204.	0.0	1
77	Heterogeneity of circulating autoantibody profiles in canine autoimmune subepidermal blistering dermatoses. Veterinary Dermatology, 2011, 22, 118-118.	1.2	0
78	Collagen-enriched serpiginous skin lesion in a cat resembling the linear form of localized scleroderma in humans. Journal of Veterinary Medical Science, 2018, 80, 1077-1079.	0.9	0
79	IgE reactivity to Pacific cod (Gadus macrocephalus) fish allergens in dogs with canine atopic dermatitis. Journal of Allergy and Clinical Immunology, 2019, 143, AB67.	2.9	0
80	Antimicrobial susceptibility of Staphylococcus pseudintermedius isolated from the cutaneous bacterial infections in dogs to cefovecin sodium (Convenia^{Â®}), Japan, 2008â€“2018. The Japanese Journal of Veterinary Dermatology, 2021, 27, 85-88.	0.0	0
81	A Canine Case of Sex Hormone-related Dermatopathy Developed after Spaying. The Japanese Journal of Veterinary Dermatology, 2008, 14, 195-197.	0.0	0
82	A Canine Case of Cutaneous Histiocytoma Showing Atypical Plaque-like Eruption. The Japanese Journal of Veterinary Dermatology, 2008, 14, 85-89.	0.0	0
83	Suspected Sterile Pustular Dermatitis in a Bernese Mountain Dog Successfully-treated with Oral Administration of Fosfomycin. The Japanese Journal of Veterinary Dermatology, 2009, 15, 135-140.	0.0	0
84	Progressive Generalized Leukotrichia with Discoid Eruption on the Planum Nasale of a Border Collie. The Japanese Journal of Veterinary Dermatology, 2011, 17, 89-93.	0.0	0
85	Foreign Body Granuloma Resembling Nodular Sterile Panniculitis in Three Miniature Dachshunds. The Japanese Journal of Veterinary Dermatology, 2012, 18, 107-110.	0.0	0
86	Canine Dermatomyositis-like Skin Lesions in a Shiba Inu. The Japanese Journal of Veterinary Dermatology, 2015, 21, 89.	0.0	0
87	Putative Cutaneous Microfilariasis in a Dog. The Japanese Journal of Veterinary Dermatology, 2016, 22, 205-206.	0.0	0
88	Re-evaluation of the Cefovecin Disk Diffusion Test for Predicting Oxacillin-resistance in Staphylococcus pseudintermedius Isolated from Dogs. The Japanese Journal of Veterinary Dermatology, 2017, 23, 73-76.	0.0	0
89	A feline case with multiple fibrosarcoma and systemic fibromatosis associated with feline leukemia virus/feline sarcoma virus. The Japanese Journal of Veterinary Dermatology, 2020, 26, 75-78.	0.0	0
90	Abnormal whiskers in a Persian cat resembling shaft disorder of Abyssinian cats. The Japanese Journal of Veterinary Dermatology, 2020, 26, 145-146.	0.0	0

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91	Narrowâ€band ultraviolet B therapy attenuates cutaneous Tâ€cell responses in haptenâ€induced, experimental contact dermatitis in beagles. Veterinary Dermatology, 2021, 32, 605.	1.2	0