Akira Maeda

List of Publications by Year
in descending order

100 papers	2,604 citations	218677 26 h-index	197818 49 g-index
103 all docs	103 docs citations	103 times ranked	2715 citing authors

#	Article	IF	Citations
1	Elevation of microRNA-214 is associated with progression of liver fibrosis in patients with biliary atresia. Pediatric Surgery International, 2022, 38, 115-122.	1.4	5
2	A study of the mechanisms responsible for the action of new immunosuppressants and their effects on rat small intestinal transplantation. Transplant Immunology, 2022, 70, 101497.	1.2	0
3	Study of the CRISPR/Cas3 System for Xenotransplantation. Transplantation Proceedings, 2022, 54, 522-524.	0.6	0
4	The Innate Cellular Immune Response in Xenotransplantation. Frontiers in Immunology, 2022, 13, 858604.	4.8	14
5	Efficacy of a 365â€‰nm Ultraviolet A1 light Emitting Diode (UVA1â€ŁED) in inÂvitro Extracorporeal Photopheresis. Photochemistry and Photobiology, 2022, 98, 1229-1235.	2.5	0
6	Effect of a C5a receptor antagonist on macrophage function in an intestinal transplant rat model. Transplant Immunology, 2022, 72, 101559.	1.2	3
7	Aspects of the Complement System in New Era of Xenotransplantation. Frontiers in Immunology, 2022, 13, 860165.	4.8	8
8	Suppression of macrophage-mediated xenogeneic rejection by the ectopic expression of human CD177. Transplant Immunology, 2022, 74, 101663.	1.2	2
9	The Regulation of Neutrophil Extracellular Trapâ€“induced Tissue Damage by Human CD177. Transplantation Direct, 2021, 7, e734.	1.6	2
10	A Strategy for Suppressing Macrophage-mediated Rejection in Xenotransplantation. Transplantation, 2020, 104, 675-681.	1.0	11
11	Human CD31 on Swine Endothelial Cells Induces SHP-1 Phosphorylation in Macrophages. Transplantation Proceedings, 2020, 52, 1913-1915.	0.6	2
12	Reactions to Porcine Cells With or Without Î²4GalNT2. Transplantation Proceedings, 2020, 52, 1916-1918.	0.6	1
13	Human CD200 Suppresses the HL-60 Mediated Xenocytotoxicity. Transplantation Proceedings, 2020, 52, 1910-1912.	0.6	1
14	THE EFFECT OF A PAK-2 INHIBITOR ON MACROPHAGE DIFFERENTIATION/POLARIZATION IN A RAT SMALL INTESTINAL TRANSPLANTATION MODEL. Transplantation, 2020, 104, S146-S146.	1.0	0
15	CD177 ON SWINE CELLS SUPPRESSES XENOGENEIC MACROPHAGE-MEDIATED CYTOTOXICITY. Transplantation, 2020, 104, S642-S642.	1.0	0
16	Human TIGIT on porcine aortic endothelial cells suppresses xenogeneic macrophage-mediated cytotoxicity. Immunobiology, 2019, 224, 605-613.	1.9	17
17	The effect of a novel immunosuppressive drug, a PAK-2 inhibitor, on macrophage differentiation/polarization in a rat small intestinal transplantation model. Transplant Immunology, 2019, 57, 101246.	1.2	9
18	The novel immunosuppressant prenylated quinolinecarboxylic acid-18 (PQA-18) suppresses macrophage differentiation and cytotoxicity in xenotransplantation. Immunobiology, 2019, 224, 575-584.	1.9	7

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19	P3.28: The effect of a novel immunosuppressive drug, PQA-18, in rat small intestinal transplantation. Transplantation, 2019, 103, S120-S120.	1.0	0
20	Human CD31 on porcine cells suppress xenogeneic neutrophilâ€mediated cytotoxicity via the inhibition of <scp>NET</scp>osis. Xenotransplantation, 2018, 25, e12396.	2.8	16
21	A membrane-type surfactant protein D (SP-D) suppresses macrophage-mediated cytotoxicity in swine endothelial cells. Transplant Immunology, 2018, 47, 44-48.	1.2	15
22	Human CD200 suppresses macrophage-mediated xenogeneic cytotoxicity and phagocytosis. Surgery Today, 2018, 48, 119-126.	1.5	20
23	Cover Image, Volume 25, Issue 5. Xenotransplantation, 2018, 25, e12462.	2.8	0
24	PQA-18, a Novel Immunosuppressant, Suppresses Macrophage Differentiation and Macrophage-Mediated Xenogeneic Cytotoxicity. Transplantation, 2018, 102, S739.	1.0	0
25	Human CD31 Suppress Macrophage-Mediated Xenogeneic Rejection. Transplantation, 2018, 102, S739.	1.0	0
26	Immunological Response of Pigs to Human Cells, Including Issues Such as the Production of Natural Antibodies in Newborns. Transplantation Proceedings, 2018, 50, 2839-2841.	0.6	0
27	Studies of innate immune systems against human cells. Transplant Immunology, 2017, 40, 66-71.	1.2	3
28	Depression of Complement Regulatory Factors in Rat and Human Renal Grafts Is Associated with the Progress of Acute T-Cell Mediated Rejection. PLoS ONE, 2016, 11, e0148881.	2.5	29
29	Cardiomyocytes Derived from MHC-Homozygous Induced Pluripotent Stem Cells Exhibit Reduced Allogeneic Immunogenicity in MHC-Matched Non-human Primates. Stem Cell Reports, 2016, 6, 312-320.	4.8	115
30	Expression of complement regulatory factors in the rat renal grafts is associated with the progress of acute T-cell mediated rejection. Immunobiology, 2016, 221, 1188.	1.9	0
31	Supplemental Analysis for N-linked Sugars in Adult Pig Islets. Transplantation Proceedings, 2016, 48, 1302-1303.	0.6	2
32	HLA-G1, but Not HLA-G3, Suppresses Human Monocyte/Macrophage-mediated Swine Endothelial Cell Lysis. Transplantation Proceedings, 2016, 48, 1285-1287.	0.6	7
33	Studies of Pig Complement: Measurement of Pig CH50, ACH50, and Components. Transplantation Proceedings, 2016, 48, 1282-1284.	0.6	4
34	Expression of a Synthetic Gene of CTDM by Transgenic Animals. Transplantation Proceedings, 2016, 48, 1279-1281.	0.6	2
35	Human HLA-Ev (147) Expression in Transgenic Animals. Transplantation Proceedings, 2016, 48, 1323-1325.	0.6	2
36	Knockout of Cytidine Monophospho-N-Acetylneuraminic Acid (CMP-NeuAc) Hydroxylase From Porcine Endothelial Cells by a CRISPR System. Transplantation Proceedings, 2016, 48, 1320-1322.	0.6	0

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37	Structural Changes in N-Glycans on Induced Pluripotent Stem Cells Differentiating Toward Cardiomyocytes. Stem Cells Translational Medicine, 2015, 4, 1258-1264.	3.3	20
38	Generation of Î±1,3-galactosyltransferase and cytidine monophospho-<i>N</i>-acetylneuraminic acid hydroxylase gene double-knockout pigs. Journal of Reproduction and Development, 2015, 61, 449-457.	1.4	41
39	Suppression of human macrophage-mediated cytotoxicity by transgenic swine endothelial cell expression of HLA-G. Transplant Immunology, 2015, 32, 109-115.	1.2	42
40	Monocytic MDSCs regulate macrophage-mediated xenogenic cytotoxicity. Transplant Immunology, 2015, 33, 140-145.	1.2	16
41	Glycoantigen and Xenotransplantation. , 2015, , 1483-1491.		0
42	N-Glycans: Phenotypic Homology and Structural Differences between Myocardial Cells and Induced Pluripotent Stem Cell-Derived Cardiomyocytes. PLoS ONE, 2014, 9, e111064.	2.5	14
43	A comparison of the main structures of N-glycans of porcine islets with those from humans. Glycobiology, 2014, 24, 125-138.	2.5	15
44	Monocytic suppressor cells derived from human peripheral blood suppress xenogenic immune reactions. Xenotransplantation, 2014, 21, 46-56.	2.8	10
45	Monocytic Suppressor Cells Derived From Peripheral Blood Suppress Xenogenic Natural Killer Cell Lysis. Transplantation Proceedings, 2014, 46, 1254-1255.	0.6	4
46	Regulation of Macrophage-Mediated Xenocytotoxicity by Overexpression of Alpha-2,6-sialyltransferase in Swine Endothelial Cells. Transplantation Proceedings, 2014, 46, 1256-1258.	0.6	11
47	A structural analysis of N-glycans of neonatal porcine islet-like cell clusters (NPCC). Transplant Immunology, 2014, 31, 48-53.	1.2	4
48	Glycoprotein Alpha 1,3-Galactosyltransferase 1, Pseudogene (GGTA1P). , 2014, , 109-120.		0
49	A lectin array analysis for wild-type and Î±-Gal-knockout pig islets versus healthy human islets. Surgery Today, 2013, 43, 1439-1447.	1.5	8
50	The suppression of inflammatory macrophage-mediated cytotoxicity and proinflammatory cytokine production by transgenic expression of HLA-E. Transplant Immunology, 2013, 29, 76-81.	1.2	59
51	A lectin microarray study of glycoantigens in neonatal porcine islet-like cell clusters. Journal of Surgical Research, 2013, 183, 412-418.	1.6	10
52	Photodynamic therapy with glycoconjugated chlorin photosensitizer. Journal of Porphyrins and Phthalocyanines, 2013, 17, 331-342.	0.8	14
53	Efficacy of 1-mm minigrafts in treating vitiligo depends on patient age, disease site and vitiligo subtype. Journal of Dermatology, 2011, 38, 1140-1145.	1.2	18
54	Infrared radiation does not enhance the frequency of ultraviolet radiation-induced skin tumors, but their growth behaviour in mice. Experimental Dermatology, 2011, 20, 346-350.	2.9	26

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55	Epithelioid sarcoma on the foot masquerading as an intractable wound for >â€ƒ18â€ƒyears. Clinical and Experimental Dermatology, 2010, 35, 263-268.	1.3	8
56	Effect and Mechanism of a New Photodynamic Therapy with Glycoconjugated Fullerene. Photochemistry and Photobiology, 2010, 86, 1356-1363.	2.5	63
57	The Herbal Medicine Compound Falcarindiol from Notopterygii Rhizoma Suppresses Dendritic Cell Maturation. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 954-960.	2.5	21
58	NADPH:Quinone Oxidoreductase-1 as a New Regulatory Enzyme That Increases Melanin Synthesis. Journal of Investigative Dermatology, 2010, 130, 645-647.	0.7	10
59	Langerhans Cells Are Required for UVR-Induced Immunosuppression. Journal of Investigative Dermatology, 2010, 130, 1419-1427.	0.7	123
60	IL-23 Antagonizes UVR-Induced Immunosuppression through Two Mechanisms: Reduction of UVR-Induced DNA Damage and Inhibition of UVR-Induced Regulatory T Cells. Journal of Investigative Dermatology, 2010, 130, 554-562.	0.7	28
61	Serum IL-22 correlates with psoriatic severity and serum IL-6 correlates with susceptibility to phototherapy. Journal of Dermatological Science, 2010, 58, 225-227.	1.9	77
62	Efficacy of Maxacalcitol Lotion in Place of Other Topically Applied Lotions for Psoriasis Vulgaris of the Scalp. Nishinihon Journal of Dermatology, 2010, 72, 397-404.	0.0	0
63	Infrared Radiation Confers Resistance to UV-Induced Apoptosis Via Reduction of DNA Damage and Upregulation of Antiapoptotic Proteins. Journal of Investigative Dermatology, 2009, 129, 1271-1279.	0.7	56
64	The development of a filter to enhance the efficacy and safety of excimer light (308â€ƒnm) therapy. Photodermatology Photoimmunology and Photomedicine, 2009, 25, 30-36.	1.5	16
65	Feasibility and accuracy of a newly developed handâ€held device with a flatâ€type fluorescent lamp for measuring the minimal erythema dose for narrowâ€band UVB therapy. Photodermatology Photoimmunology and Photomedicine, 2009, 25, 41-44.	1.5	12
66	Bath-PUVA therapy induces circulating regulatory T cells in patients with psoriasis. Journal of Dermatological Science, 2009, 53, 231-233.	1.9	37
67	Extracorporeal photochemotherapy. Journal of Dermatological Science, 2009, 54, 150-156.	1.9	18
68	UVB wavelength dependency of antimicrobial peptide induction for innate immunity in normal human keratinocytes. Journal of Dermatological Science, 2009, 56, 214-216.	1.9	8
69	Molecular Basis of Tobacco Smoke-Induced Premature Skin Aging. Journal of Investigative Dermatology Symposium Proceedings, 2009, 14, 53-55.	0.8	93
70	Regulation of Skin Pigmentation and Thickness by Dickkopf 1 (DKK1). Journal of Investigative Dermatology Symposium Proceedings, 2009, 14, 73-75.	0.8	53
71	Narrowband ultraviolet B radiation suppresses contact hypersensitivity. Photodermatology Photoimmunology and Photomedicine, 2008, 24, 32-37.	1.5	35
72	Green Tea Phenol Extracts Reduce UVB-induced DNA Damage in Human Cells via Interleukin-12. Photochemistry and Photobiology, 2008, 84, 350-355.	2.5	93

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73	Establishment of suction blister roof grafting by injection of local anesthesia beneath the epidermis: Less painful and more rapid formation of blisters. Journal of Dermatological Science, 2008, 50, 243-247.	1.9	13
74	Phenotypic and Functional Characterization of Ultraviolet Radiation-Induced Regulatory T Cells. Journal of Immunology, 2008, 180, 3065-3071.	0.8	76
75	Experimental Extracorporeal Photopheresis Inhibits the Sensitization and Effector Phases of Contact Hypersensitivity via Two Mechanisms: Generation of IL-10 and Induction of Regulatory T Cells. Journal of Immunology, 2008, 181, 5956-5962.	0.8	83
76	Recent Developments in Phototherapy: Treatment Methods and Devices. Recent Patents on Inflammation and Allergy Drug Discovery, 2008, 2, 105-108.	3.6	11
77	Alteration of the Migratory Behavior of UV-Induced Regulatory T Cells by Tissue-Specific Dendritic Cells. Journal of Immunology, 2007, 178, 877-886.	0.8	44
78	The presence of tryptase-positive and bikunin-negative mast cells in psoriatic skin lesions. Archives of Dermatological Research, 2007, 298, 421-426.	1.9	6
79	IL-18 Reduces Ultraviolet Radiation-Induced DNA Damage and Thereby Affects Photoimmunosuppression. Journal of Immunology, 2006, 176, 2896-2901.	0.8	55
80	Enhanced Photocarcinogenesis in Interleukin-12â€“Deficient Mice. Cancer Research, 2006, 66, 2962-2969.	0.9	46
81	The Efficacy of CD40 Ligand Blockade in Discordant Pig-to-Rat Islet Xenotransplantation Is Correlated with an Immunosuppressive Effect of Immunoglobulin. Transplantation, 2005, 79, 157-164.	1.0	5
82	Prevention of UV radiationâ€“induced immunosuppression by IL-12 is dependent on DNA repair. Journal of Experimental Medicine, 2005, 201, 173-179.	8.5	187
83	Intravenous Infusion of Syngeneic Apoptotic Cells by Photopheresis Induces Antigen-Specific Regulatory T Cells. Journal of Immunology, 2005, 174, 5968-5976.	0.8	216
84	Ultraviolet Radiation-Induced Regulatory T Cells Not Only Inhibit the Induction but Can Suppress the Effector Phase of Contact Hypersensitivity. Journal of Immunology, 2004, 172, 1036-1043.	0.8	188
85	No transmission of porcine endogenous retrovirus after transplantation of adult porcine islets into diabetic nude mice and immunosuppressed rats. Xenotransplantation, 2004, 11, 340-346.	2.8	16
86	Low molecular weight dextran sulfate prevents the instant blood-mediated inflammatory reaction induced by adult porcine islets. Transplantation, 2004, 77, 741-747.	1.0	99
87	Terfenadine Antagonism Against Interleukin-4-Modulated Gene Expression of T Cell Cytokines. Journal of Investigative Dermatology, 2003, 121, 490-495.	0.7	6
88	Ex vivo and systemic transfer of adenovirus-mediated CTLA4Ig gene combined with a short course of FK506 therapy prolongs islet graft survival. Transplant Immunology, 2003, 11, 91-100.	1.2	9
89	Involvement of Dectin-2 in Ultraviolet Radiation-Induced Tolerance. Journal of Immunology, 2003, 171, 3801-3807.	0.8	81
90	A New Murine Model of Islet Xenograft Rejection: Graft Destruction Is Dependent on a Major Histocompatibility-Specific Interaction Between T-Cells and Macrophages. Diabetes, 2003, 52, 1111-1118.	0.6	22

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91	Immunological Characteristics of Pancreas Transplantation: Review and Our Experimental Experience. Pancreas, 2003, 27, 31-37.	1.1	4
92	Overactivation of IL-4-induced activator protein-1 in atopic dermatitis. Journal of Dermatological Science, 2002, 28, 227-233.	1.9	19
93	Primary Localized Cutaneous Amyloidosis in Association with Papillary Thyroid Carcinoma. Journal of Cutaneous Medicine and Surgery, 2002, 6, 332-334.	1.2	2
94	Quantitative analysis of bikunin-laden mast cells in follicular eruptions and chronic skin lesions of atopic dermatitis. Archives of Dermatological Research, 2002, 294, 387-392.	1.9	6
95	Chronic actinic dermatitis: a case report and immunohistological analysis in its early phase. Photodermatology Photoimmunology and Photomedicine, 2002, 18, 160-161.	1.5	3
96	A Case of Acral Lentginous Melanoma: The Correlation between CD95L Expression on Melanoma Cells and Apoptosis of Tumor Infiltrating Lymphocytes. Journal of Dermatology, 2001, 28, 499-504.	1.2	2
97	Drug eruption induced by cefcapene pivoxil hydrochloride. Contact Dermatitis, 2001, 44, 197-197.	1.4	9
98	Inhibition of Growth of Melanoma Cells by CD95 (Fas/APO-1) Gene Transfer In Vivo. Journal of Investigative Dermatology, 2000, 115, 1008-1014.	0.7	24
99	Bikunin, a Serine Protease Inhibitor, is Present on the Cell Boundary of Epidermis. Journal of Investigative Dermatology, 1999, 113, 182-188.	0.7	11
100	Introductory Chapter: The State of Xenotransplantation. , 0, , .		0