

Chung-Gyu Park

List of Publications by Year in descending order

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189
papers

4,507
citations

109137

35
h-index

149479

56
g-index

194
all docs

194
docs citations

194
times ranked

5990
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-inflammatory mechanism of intravascular neural stem cell transplantation in haemorrhagic stroke. <i>Brain</i> , 2008, 131, 616-629.	3.7	412
2	Soluble mediators from mesenchymal stem cells suppress T cell proliferation by inducing IL-10. <i>Experimental and Molecular Medicine</i> , 2009, 41, 315.	3.2	194
3	Long-Term Control of Diabetes in Immunosuppressed Nonhuman Primates (NHP) by the Transplantation of Adult Porcine Islets. <i>American Journal of Transplantation</i> , 2015, 15, 2837-2850.	2.6	160
4	IL-10 inhibits the starvation induced autophagy in macrophages via class I phosphatidylinositol 3-kinase (PI3K) pathway. <i>Molecular Immunology</i> , 2011, 48, 720-727.	1.0	120
5	IL-6 protects pancreatic islet beta cells from pro-inflammatory cytokines-induced cell death and functional impairment in vitro and in vivo. <i>Transplant Immunology</i> , 2004, 13, 43-53.	0.6	109
6	Autophagy induced by AXL receptor tyrosine kinase alleviates acute liver injury via inhibition of NLRP3 inflammasome activation in mice. <i>Autophagy</i> , 2016, 12, 2326-2343.	4.3	100
7	Genetic Polymorphisms of Selected DNA Repair Genes, Estrogen and Progesterone Receptor Status, and Breast Cancer Risk. <i>Clinical Cancer Research</i> , 2005, 11, 4620-4626.	3.2	98
8	Ramipril treatment suppresses islet fibrosis in Otsuka Long-Evans Tokushima fatty rats. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 114-122.	1.0	83
9	Trafficking of LAG-3 to the Surface on Activated T Cells via Its Cytoplasmic Domain and Protein Kinase C Signaling. <i>Journal of Immunology</i> , 2014, 193, 3101-3112.	0.4	79
10	Current status of islet xenotransplantation. <i>International Journal of Surgery</i> , 2015, 23, 261-266.	1.1	78
11	Generation of PLZF+ CD4+ T cells via MHC class II-dependent thymocyte-thymocyte interaction is a physiological process in humans. <i>Journal of Experimental Medicine</i> , 2010, 207, 237-246.	4.2	69
12	Report from IPITA-TTS Opinion Leaders Meeting on the Future of β -Cell Replacement. <i>Transplantation</i> , 2016, 100, S1-S44.	0.5	66
13	Comparison of Four Pancreatic Islet Implantation Sites. <i>Journal of Korean Medical Science</i> , 2010, 25, 203.	1.1	65
14	Blockade of CD40-CD154 Costimulatory Pathway Promotes Long-Term Survival of Full-Thickness Porcine Corneal Grafts in Nonhuman Primates: Clinically Applicable Xenocorneal Transplantation. <i>American Journal of Transplantation</i> , 2015, 15, 628-641.	2.6	64
15	Influence of strain and age differences on the yields of porcine islet isolation: extremely high islet yields from SPF CMS miniature pigs. <i>Xenotransplantation</i> , 2007, 14, 60-66.	1.6	59
16	Treatment with agonistic DR3 antibody results in expansion of donor Tregs and reduced graft-versus-host disease. <i>Blood</i> , 2015, 126, 546-557.	0.6	56
17	8-hydroxydeoxyguanosine suppresses NO production and COX-2 activity via Rac1/STATs signaling in LPS-induced brain microglia. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1392-1403.	1.3	55
18	Pre-clinical results in pig-to-non-human primate islet xenotransplantation using anti-CD40 antibody (2C10R4)-based immunosuppression. <i>Xenotransplantation</i> , 2018, 25, e12356.	1.6	54

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19	Failure of transplantation tolerance induction by autologous regulatory T cells in the pig-to-human primate islet xenotransplantation model. <i>Xenotransplantation</i> , 2016, 23, 300-309.	1.6	53
20	Vascular endothelial growth factor-induced chemotaxis and IL-10 from T cells. <i>Cellular Immunology</i> , 2009, 256, 72-78.	1.4	51
21	Parameters for successful pig islet isolation as determined using 68 specific pathogen-free miniature pigs. <i>Xenotransplantation</i> , 2009, 16, 11-18.	1.6	51
22	Immunomodulation of Delayed-Type Hypersensitivity Responses by Mesenchymal Stem Cells Is Associated with Bystander T Cell Apoptosis in the Draining Lymph Node. <i>Journal of Immunology</i> , 2010, 185, 4022-4029.	0.4	49
23	In situ induction of dendritic cell-based T cell tolerance in humanized mice and nonhuman primates. <i>Journal of Experimental Medicine</i> , 2011, 208, 2477-2488.	4.2	48
24	Antifibrotic effect of rapamycin containing polyethylene glycol-coated alginate microcapsule in islet xenotransplantation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1274-1284.	1.3	47
25	Co-Transplantation of Bone Marrow-Derived Endothelial Progenitor Cells Improves Revascularization and Organization in Islet Grafts. <i>American Journal of Transplantation</i> , 2013, 13, 1429-1440.	2.6	45
26	Soluble mediators from human neural stem cells play a critical role in suppression of T cell activation and proliferation. <i>Journal of Neuroscience Research</i> , 2009, 87, 2264-2272.	1.3	43
27	The ratio of intra-tumoral regulatory T cells (Foxp3+)/helper T cells (CD4+) is a prognostic factor and associated with recurrence pattern in gastric cardia cancer. <i>Journal of Surgical Oncology</i> , 2011, 104, 728-733.	0.8	43
28	Xenocorneal transplantation. <i>Current Opinion in Organ Transplantation</i> , 2011, 16, 231-236.	0.8	40
29	In situ application of hydrogel-type fibrin-islet composite optimized for rapid glycemic control by subcutaneous xenogeneic porcine islet transplantation. <i>Journal of Controlled Release</i> , 2012, 162, 382-390.	4.8	40
30	Expression of the Intermediate Filament Vimentin in Proliferating Duct Cells as a Marker of Pancreatic Precursor Cells. <i>Pancreas</i> , 2004, 28, 121-128.	0.5	39
31	The Effect of Composite Pig Islet-Human Endothelial Cell Grafts on the Instant Blood-Mediated Inflammatory Reaction. <i>Cell Transplantation</i> , 2009, 18, 31-38.	1.2	38
32	Influence of GSTM1 genotype on association between aromatic DNA adducts and urinary PAH metabolites in incineration workers. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 514, 213-221.	0.9	36
33	Proliferation of activated CD1d-restricted NKT cells is down-modulated by lymphocyte activation gene-3 signaling via cell cycle arrest in S phase. <i>Cell Biology International</i> , 2007, 31, 257-262.	1.4	36
34	Th1 and Th2 cytokine levels in nasopharyngeal aspirates from children with human bocavirus bronchiolitis. <i>Journal of Clinical Virology</i> , 2008, 43, 223-225.	1.6	36
35	Bortezomib Can Suppress Activation of Rapamycin-Resistant Memory T Cells Without Affecting Regulatory T-Cell Viability in Non-Human Primates. <i>Transplantation</i> , 2009, 88, 1349-1359.	0.5	36
36	Analysis of reference interval and age-related changes in serum biochemistry and hematology in the specific pathogen free miniature pig. <i>Laboratory Animal Research</i> , 2012, 28, 245.	1.1	36

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37	First update of the International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of porcine islet products in type 1 diabetes”Chapter 4: pre-clinical efficacy and complication data required to justify a clinical trial. <i>Xenotransplantation</i> , 2016, 23, 46-52.	1.6	36
38	Reference values of hematology, chemistry, electrolytes, blood gas, coagulation time, and urinalysis in the Chinese rhesus macaques (<i>Macaca mulatta</i>). <i>Xenotransplantation</i> , 2012, 19, 244-248.	1.6	34
39	Executive Summary of IPITA-TTS Opinion Leaders Report on the Future of β -Cell Replacement. <i>Transplantation</i> , 2016, 100, e25-e31.	0.5	32
40	The International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of xenocorneal transplantation. <i>Xenotransplantation</i> , 2014, 21, 420-430.	1.6	31
41	Mesenchymal stem cell-derived exosomes suppress proliferation of T cells by inducing cell cycle arrest through p27 ^{Kip1} /Cdk2 signaling. <i>Immunology Letters</i> , 2020, 225, 16-22.	1.1	31
42	The Role of the Alternative Complement Pathway in Early Graft Loss After Intraportal Porcine Islet Xenotransplantation. <i>Transplantation</i> , 2014, 97, 999-1008.	0.5	30
43	Multiple biomarkers study in painters in a shipyard in Korea. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2003, 540, 89-98.	0.9	29
44	Murine Mesenchymal Stem Cells Suppress T Lymphocyte Activation Through IL-2 Receptor β (CD25) Cleavage by Producing Matrix Metalloproteinases. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 381-393.	5.6	29
45	Anti-CD40 antibody-mediated costimulation blockade promotes long-term survival of deep lamellar porcine corneal grafts in non-human primates. <i>Xenotransplantation</i> , 2017, 24, e12298.	1.6	28
46	Novel enzymatic cross-linking-based hydrogel nanofilm caging system on pancreatic β cell spheroid for long-term blood glucose regulation. <i>Science Advances</i> , 2021, 7, .	4.7	28
47	Islet isolation from adult designated pathogen-free pigs: use of the newer bovine nervous tissue-free enzymes and a revised donor selection strategy would improve the islet graft function. <i>Xenotransplantation</i> , 2011, 18, 369-379.	1.6	27
48	Elevated Levels of Macrophage Migration Inhibitory Factor in Women with Metabolic Syndrome. <i>Hormone and Metabolic Research</i> , 2011, 43, 642-645.	0.7	27
49	Antiviral effects of 28-deacetylsendanin on herpes simplex virus-1 replication. <i>Antiviral Research</i> , 1999, 43, 103-112.	1.9	26
50	Genotype-phenotype relationship between DNA repair gene genetic polymorphisms and DNA repair capacity. <i>Asian Pacific Journal of Cancer Prevention</i> , 2008, 9, 501-5.	0.5	26
51	Co-expression of urokinase-type plasminogen activator and its receptor in human gastric-cancer cell lines correlates with their invasiveness and tumorigenicity. , 1997, 71, 867-873.		25
52	Clinical usefulness of human cytomegalovirus antigenemia assay after kidney transplantation. <i>Transplantation</i> , 2003, 75, 2151-2155.	0.5	25
53	Qualitative and quantitative comparison of N-glycans between pig endothelial and islet cells by high-performance liquid chromatography and mass spectrometry-based strategy. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1087-1104.	0.7	25
54	Inducible nitric oxide synthase inhibitors prolonged the survival of skin xenografts through selective down-regulation of pro-inflammatory cytokine and CC-chemokine expressions. <i>Transplant Immunology</i> , 2003, 12, 63-72.	0.6	24

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55	First update of the International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of porcine islet products in type 1 diabetes - Chapter 1: update on national regulatory frameworks pertinent to clinical is. Xenotransplantation, 2016, 23, 14-24.	1.6	24
56	Delayed revascularization of islets after transplantation by IL-6 blockade in pig to non-human primate islet xenotransplantation model. Xenotransplantation, 2018, 25, e12374.	1.6	24
57	Human cytomegalovirus UL18 alleviated human NK-mediated swine endothelial cell lysis. Biochemical and Biophysical Research Communications, 2004, 315, 144-150.	1.0	23
58	ATP Measurement Predicts Porcine Islet Transplantation Outcome in Nude Mice. Transplantation, 2009, 87, 166-169.	0.5	23
59	An Antibody to the Sixth Ig-like Domain of VCAM-1 Inhibits Leukocyte Transendothelial Migration without Affecting Adhesion. Journal of Immunology, 2012, 189, 4592-4601.	0.4	23
60	Cross-reactivity between decellularized porcine corneal lamellae for corneal xenobridging and subsequent corneal allotransplants. Xenotransplantation, 2014, 21, 115-123.	1.6	23
61	The mouse small ubiquitin-like modifier-2 (SUMO-2) inhibits interleukin-12 (IL-12) production in mature dendritic cells by blocking the translocation of the p65 subunit of NF- κ B into the nucleus. Molecular Immunology, 2011, 48, 2189-2197.	1.0	22
62	IL-7R ^{low} memory CD8 ⁺ T cells are significantly elevated in patients with systemic lupus erythematosus. Rheumatology, 2012, 51, 1587-1594.	0.9	22
63	Gonadotropin Ratio Affects the <i>In Vitro</i> Growth of Rhesus Ovarian Preantral Follicles. Journal of Investigative Medicine, 2016, 64, 888-893.	0.7	22
64	Effect of β -Gal on corneal xenotransplantation in a mouse model. Xenotransplantation, 2011, 18, 176-182.	1.6	21
65	Galectin-4 Interaction with CD14 Triggers the Differentiation of Monocytes into Macrophage-like Cells via the MAPK Signaling Pathway. Immune Network, 2019, 19, e17.	1.6	21
66	Molecular cloning and expression analysis of pig CD79 β . Veterinary Immunology and Immunopathology, 2008, 125, 368-374.	0.5	20
67	Sequential evolution of IL-17 responses in the early period of allograft rejection. Experimental and Molecular Medicine, 2009, 41, 707.	3.2	20
68	Preferential Induction of the T Cell Auxiliary Signaling Molecule B7-H3 on Synovial Monocytes in Rheumatoid Arthritis. Journal of Biological Chemistry, 2016, 291, 4048-4057.	1.6	20
69	Acute cell-mediated rejection in orthotopic pig-to-mouse corneal xenotransplantation. Xenotransplantation, 2009, 16, 74-82.	1.6	19
70	High mobility group box 1 secretion blockade results in the reduction of early pancreatic islet graft loss. Biochemical and Biophysical Research Communications, 2019, 514, 1081-1086.	1.0	19
71	Histological differences in full-thickness vs. lamellar corneal pig-to-rabbit xenotransplantation. Veterinary Ophthalmology, 2009, 12, 78-82.	0.6	18
72	Ethical and regulatory guidelines in clinical trials of xenocorneal transplantation in Korea; the Korean xenocorneal transplantation consensus statement. Xenotransplantation, 2013, 20, 209-218.	1.6	18

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73	Long-term safety outcome of systemic immunosuppression in pig-to-nonhuman primate corneal xenotransplantation. <i>Xenotransplantation</i> , 2018, 25, e12442.	1.6	18
74	An Evaluation of the Neonatal Immune System Using a <i>Listeria</i> Infection Model. <i>Neonatology</i> , 2007, 92, 83-90.	0.9	17
75	Acute necrotic stomatitis (noma) associated with methicillin-resistant <i>Staphylococcus aureus</i> infection in a newly acquired rhesus macaque (<i>Macaca mulatta</i>). <i>Journal of Medical Primatology</i> , 2011, 40, 188-193.	0.3	17
76	Dissociation between anti-porcine albumin and anti-Gal antibody responses in non-human primate recipients of intraportal porcine islet transplantation. <i>Xenotransplantation</i> , 2015, 22, 124-134.	1.6	17
77	Choice of the adequate detection time for the accurate evaluation of the efficiency of siRNA-induced gene silencing. <i>Journal of Biotechnology</i> , 2005, 120, 251-261.	1.9	16
78	Complement depletion with cobra venom factor delays acute cell-mediated rejection in pig-to-mouse corneal xenotransplantation. <i>Xenotransplantation</i> , 2010, 17, 140-146.	1.6	16
79	The Sequential Combination of a JNK Inhibitor and Simvastatin Protects Porcine Islets from Peritransplant Apoptosis and Inflammation. <i>Cell Transplantation</i> , 2011, 20, 1139-1151.	1.2	16
80	Peri-graft porcine-specific CD4 + FoxP3 + regulatory T cells by CD40/CD154 blockade prevented the rejection of porcine islet graft in diabetic mice. <i>Xenotransplantation</i> , 2019, 26, e12533.	1.6	16
81	Targeting and blocking B7 costimulatory molecules on antigen-presenting cells using CTLA4Ig-conjugated liposomes: in vitro characterization and in vivo factors affecting biodistribution. <i>Pharmaceutical Research</i> , 2003, 20, 1239-1248.	1.7	15
82	Current Status and Future Perspectives of Xenotransplantation. <i>The Journal of the Korean Society for Transplantation</i> , 2009, 23, 203-213.	0.2	15
83	Enhanced Prediction of Porcine Islet Yield and Posttransplant Outcome Using a Combination of Quantitative Histomorphometric Parameters and Flow Cytometry. <i>Cell Transplantation</i> , 2010, 19, 299-311.	1.2	15
84	Increased human tumor necrosis factor- α levels induce procoagulant change in porcine endothelial cells in vitro. <i>Xenotransplantation</i> , 2012, 19, 186-195.	1.6	15
85	Changes of N/L ratio and cortisol levels associated with experimental training in untrained rhesus macaques. <i>Journal of Medical Primatology</i> , 2013, 42, 10-14.	0.3	15
86	Increase in Anti-Gal IgM Level is Associated With Early Graft Failure in Intraportal Porcine Islet Xenotransplantation. <i>Annals of Laboratory Medicine</i> , 2015, 35, 611-617.	1.2	15
87	Comparative efficacy of anti-CD40 antibody-mediated costimulation blockade on long-term survival of full-thickness porcine corneal grafts in nonhuman primates. <i>American Journal of Transplantation</i> , 2018, 18, 2330-2341.	2.6	15
88	Long-term porcine islet graft survival in diabetic non-human primates treated with clinically available immunosuppressants. <i>Xenotransplantation</i> , 2021, 28, e12659.	1.6	15
89	Human Cytomegalovirus (HCMV) Infection in Osteosarcoma Cell Line Suppresses GM-CSF Production by Induction of TGF- β 2. <i>Microbiology and Immunology</i> , 2004, 48, 195-199.	0.7	14
90	Mass spectrometric analysis of the glycosphingolipid-derived glycans from miniature pig endothelial cells and islets: identification of NeuGc epitope in pig islets. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1489-1499.	0.7	14

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91	Induction, management, and complications of streptozotocin-induced diabetes mellitus in rhesus monkeys. <i>Xenotransplantation</i> , 2016, 23, 472-478.	1.6	14
92	Vascularization of PLGA-based bioartificial beds by hypoxia-preconditioned mesenchymal stem cells for subcutaneous xenogeneic islet transplantation. <i>Xenotransplantation</i> , 2019, 26, e12441.	1.6	14
93	Mismatch Repair Status of Gastric Cancer and Its Association with the Local and Systemic Immune Response. <i>Oncologist</i> , 2019, 24, e835-e844.	1.9	14
94	Induction of Neutralizing Antibody against Human Cytomegalovirus (HCMV) with DNA-Mediated Immunization of HCMV Glycoprotein B in Mice. <i>Microbiology and Immunology</i> , 1999, 43, 307-310.	0.7	13
95	Human Cytomegalovirus (HCMV) IE1 Plays Role in Resistance to Apoptosis with Etoposide in Cancer Cell Line by Cdk2 Accumulation. <i>Microbiology and Immunology</i> , 2003, 47, 959-967.	0.7	13
96	High-Throughput Screening of Glycan-Binding Proteins Using Miniature Pig Kidney N-Glycan-Immobilized Beads. <i>Chemistry and Biology</i> , 2008, 15, 215-223.	6.2	13
97	Comparative analysis of mesenchymal stem cell surface marker expression for human dental mesenchymal stem cells. <i>Regenerative Medicine</i> , 2013, 8, 453-466.	0.8	13
98	Prolongation of the Rat Composite Tissue Allograft Survival by the Combination of Tolerogenic Immature Dendritic Cells and Short-Term Treatment With FK506. <i>Transplantation Proceedings</i> , 2013, 45, 1792-1796.	0.3	13
99	Absence of spontaneous regeneration of endogenous pancreatic β -cells after chemical-induced diabetes and no effect of GABA on β -to- β cell transdifferentiation in rhesus monkeys. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 1056-1061.	1.0	13
100	Long-term survival of full-thickness corneal xenografts from β -galactosyltransferase gene knockout miniature pigs in non-human primates. <i>Xenotransplantation</i> , 2020, 27, e12559.	1.6	13
101	INFLUENCE OF POLYMORPHISM OF GSTM1 GENE ON ASSOCIATION BETWEEN GLYCOPHORIN A MUTANT FREQUENCY AND URINARY PAH METABOLITES IN INCINERATION WORKERS. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002, 65, 355-363.	1.1	12
102	Pancreatic Islets Induce CD4 ⁺ CD25 ⁺ Foxp3 ⁺ T-Cell Regulated Tolerance to HY-Mismatched Skin Grafts. <i>Transplantation</i> , 2008, 86, 1352-1360.	0.5	12
103	A telomerase-derived peptide regulates reactive oxygen species and hepatitis C virus RNA replication in HCV-infected cells via heat shock protein 90. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 156-162.	1.0	12
104	β -Catenin Accumulation is Associated with Increased Expression of Nanog Protein and Predicts Maintenance of MSC Self-Renewal. <i>Cell Transplantation</i> , 2017, 26, 365-377.	1.2	12
105	Improved efficiencies in the generation of multigene-modified pigs by recloning and using sows as the recipient. <i>Zygote</i> , 2022, 30, 103-110.	0.5	12
106	Simvastatin acts as an inhibitor of interferon gamma-induced cyclooxygenase-2 expression in human THP-1 cells, but not in murine RAW264.7 cells. <i>Biocell</i> , 2009, 33, 107-114.	0.4	12
107	Differentially up-regulated genes in proliferating porcine neonatal pancreas cells caused by epidermal growth factor. <i>Journal of Cellular Biochemistry</i> , 2004, 91, 354-364.	1.2	11
108	Decreased serum level of antibody against human cytomegalovirus in patients with Behçet's disease. <i>Rheumatology International</i> , 2005, 25, 33-36.	1.5	11

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109	Minimizing immunosuppression in islet xenotransplantation. <i>Immunotherapy</i> , 2014, 6, 419-430.	1.0	11
110	Association between Chemotherapy-Response Assays and Subsets of Tumor-Infiltrating Lymphocytes in Gastric Cancer: A Pilot Study. <i>Journal of Gastric Cancer</i> , 2015, 15, 223.	0.9	11
111	Porcine antigen-specific IFN- γ ELISpot as a potentially valuable tool for monitoring cellular immune responses in pig-to-non-human primate islet xenotransplantation. <i>Xenotransplantation</i> , 2016, 23, 310-319.	1.6	11
112	JAK3 inhibitor-based immunosuppression in allogeneic islet transplantation in cynomolgus monkeys. <i>Islets</i> , 2019, 11, 119-128.	0.9	11
113	Donor-Specific Regulatory T Cell-Mediated Immune Tolerance in an Intrahepatic Murine Allogeneic Islet Transplantation Model with Short-Term Anti-CD154 mAb Single Treatment. <i>Cell Transplantation</i> , 2020, 29, 096368972091387.	1.2	11
114	Suppression of Fibrotic Reactions of Chitosan-Alginate Microcapsules Containing Porcine Islets by Dexamethasone Surface Coating. <i>Endocrinology and Metabolism</i> , 2021, 36, 146-156.	1.3	11
115	DNA Microarray-Based Gene Expression Profiling in Porcine Keratocytes and Corneal Endothelial Cells and Comparative Analysis Associated with Xeno-related Rejection. <i>Journal of Korean Medical Science</i> , 2009, 24, 189.	1.1	10
116	SLA typing using the PCR-SSP method and establishment of the SLA homozygote line in pedigreed SNU miniature pigs. <i>Animal Science Journal</i> , 2010, 81, 158-164.	0.6	10
117	Phc2 controls hematopoietic stem and progenitor cell mobilization from bone marrow by repressing Vcam1 expression. <i>Nature Communications</i> , 2019, 10, 3496.	5.8	10
118	Allogeneic ADSCs induce CD8 T cell-mediated cytotoxicity and faster cell death after exposure to xenogeneic serum or proinflammatory cytokines. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-10.	3.2	10
119	Novel Culture Technique Involving an Histone Deacetylase Inhibitor Reduces the Marginal Islet Mass to Correct Streptozotocin-Induced Diabetes. <i>Cell Transplantation</i> , 2011, 20, 1321-1332.	1.2	9
120	CD4+VEGFR1HIGH T cell as a novel Treg subset regulates inflammatory bowel disease in lymphopenic mice. <i>Cellular and Molecular Immunology</i> , 2015, 12, 592-603.	4.8	9
121	Construction of EMSC-islet co-localizing composites for xenogeneic porcine islet transplantation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 506-512.	1.0	9
122	The effect of epitope-based ligation of ICAM-1 on survival and retransplantation of pig islets in nonhuman primates. <i>Xenotransplantation</i> , 2018, 25, e12362.	1.6	9
123	Allogeneic ADSCs Induce the Production of Alloreactive Memory-CD8 T Cells through HLA-ABC Antigens. <i>Cells</i> , 2020, 9, 1246.	1.8	9
124	Early up-regulation of CXC-chemokine expression is associated with strong cellular immune responses to murine skin xenografts. <i>Xenotransplantation</i> , 2006, 13, 328-336.	1.6	8
125	Human Cytomegalovirus IE1 Protein Enhances Herpes Simplex Virus Type 1-induced Syncytial Formation in U373MG Cells. <i>Journal of Korean Medical Science</i> , 2008, 23, 1046.	1.1	8
126	High-dose cyclophosphamide-mediated anti-tumor effects by the superior expansion of CD44high cells after their selective depletion. <i>Immunobiology</i> , 2010, 215, 182-193.	0.8	8

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127	Glucocorticoid treatment independently affects expansion and transdifferentiation of porcine neonatal pancreas cell clusters. <i>BMB Reports</i> , 2012, 45, 51-56.	1.1	8
128	The Role of Indoleamine 2,3-Dioxygenase in Retinal Pigment Epithelial Cell-mediated Immune Modulation. <i>Ocular Immunology and Inflammation</i> , 2010, 18, 24-31.	1.0	7
129	E6 and E7 fusion immunoglobulin from human papilloma virus 16 induces dendritic cell maturation and antigen specific activation of T helper 1 response. <i>Biotechnology Letters</i> , 2011, 33, 663-671.	1.1	7
130	Sclerodermatous chronic graft-versus-host disease induced by host T-cell-mediated autoimmunity. <i>Immunology and Cell Biology</i> , 2012, 90, 358-367.	1.0	7
131	In vivo efficacy for novel combined anticalcification treatment of glutaraldehyde-fixed cardiac xenograft using humanized mice. <i>Journal of Biomaterials Applications</i> , 2015, 29, 929-940.	1.2	7
132	D-dimer level, in association with humoral responses, negatively correlates with survival of porcine islet grafts in non-human primates with immunosuppression. <i>Xenotransplantation</i> , 2017, 24, e12299.	1.6	7
133	Current status of xenotransplantation in South Korea. <i>Xenotransplantation</i> , 2019, 26, e12488.	1.6	7
134	Regulatory aspects of xenotransplantation in Korea. <i>Xenotransplantation</i> , 2020, 27, e12602.	1.6	7
135	Effects of reduction in the alpha-gal antigen on bony union: a model of xenobone graft using GalT knockout mouse. <i>Xenotransplantation</i> , 2014, 21, 267-273.	1.6	6
136	CD4 + /CD8 + T-cell ratio correlates with the graft fate in pig-to-non-human primate islet xenotransplantation. <i>Xenotransplantation</i> , 2020, 27, e12562.	1.6	6
137	Novel Immunomodulatory Approaches for Porcine Islet Xenotransplantation. <i>Current Diabetes Reports</i> , 2021, 21, 3.	1.7	6
138	Soluble pig lymphocyte activation gene-3 (LAG-3; CD223) inhibits human-to-pig xenogeneic mixed lymphocyte reaction. <i>Biotechnology Letters</i> , 2010, 32, 203-208.	1.1	5
139	Comparison of porcine c-peptide measurement using ELISA and radioimmunoassay kits. <i>Xenotransplantation</i> , 2014, 21, 480-481.	1.6	5
140	The effect of propofol on intravenous glucose tolerance test in rhesus monkey. <i>Journal of Medical Primatology</i> , 2014, 43, 242-246.	0.3	5
141	Thymic Low Affinity/Avidity Interaction Selects Natural Th1 Cells. <i>Journal of Immunology</i> , 2015, 194, 5861-5871.	0.4	5
142	Tacrolimus-induced asymptomatic thrombotic microangiopathy diagnosed by laboratory tests in pig-to-rhesus corneal xenotransplantation: A case report. <i>Xenotransplantation</i> , 2018, 25, e12404.	1.6	5
143	Immunoglobulin M and Immunoglobulin G Subclass Distribution of Anti-galactose-Alpha-1,3-Galactose and Anti-N-Glycolylneuraminic Acid Antibodies in Healthy Korean Adults. <i>Transplantation Proceedings</i> , 2021, 53, 1762-1770.	0.3	5
144	Molecular cloning, expression and functional characterization of miniature swine CD86. <i>Molecular Immunology</i> , 2006, 43, 480-486.	1.0	4

#	ARTICLE	IF	CITATIONS
145	Generation and evaluation of the efficacy of rhesus monkey soluble cytotoxic T lymphocyte-associated antigen-4 in the allogeneic mixed lymphocyte reaction. <i>Biotechnology Letters</i> , 2012, 34, 2191-2197.	1.1	4
146	Application of the Multiplex Cytokine Analysis to Monitor Xenogeneic Immune Responses to the Porcine Islet Graft in Non-Human Primate. <i>Journal of Korean Medical Science</i> , 2013, 28, 1729.	1.1	4
147	Development of Novel Combined Anticalcification Protocols Including Immunologic Modification for Prolonged Durability of Cardiac Xenograft. <i>ASAIO Journal</i> , 2015, 61, 87-95.	0.9	4
148	Cross-sensitization between xeno- and allo-antigens on subsequent allogeneic and xenogeneic pancreatic islet transplantation in a murine model. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 474-478.	1.0	4
149	Gastrostomy tube placement for long-term oral drug administration in non-human primates. <i>Xenotransplantation</i> , 2017, 24, e12292.	1.6	4
150	Bioinformatic analysis of peripheral blood RNA-sequencing sensitively detects the cause of late graft loss following overt hyperglycemia in pig-to-nonhuman primate islet xenotransplantation. <i>Scientific Reports</i> , 2019, 9, 18835.	1.6	4
151	Ascites formation accompanied by portal vein thrombosis after porcine islet xenotransplantation via the portal vein in Rhesus macaque (<i>Macaca mulatta</i>). <i>Xenotransplantation</i> , 2019, 26, e12460.	1.6	4
152	The blockade of cytoplasmic HMGB1 modulates the autophagy/apoptosis checkpoint in stressed islet beta cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 1053-1058.	1.0	4
153	Acetyl-CoA carboxylase α 1/2 blockade locks dendritic cells in the semimature state associated with FA deprivation by favoring FAO. <i>Journal of Leukocyte Biology</i> , 2021, , .	1.5	4
154	Molecular cloning and expression analysis of pig CD81. <i>Veterinary Immunology and Immunopathology</i> , 2007, 120, 254-259.	0.5	3
155	Aurintricarboxylic acid promotes the conversion of naive CD4+CD25 ^{hi} T cells into Foxp3-expressing regulatory T cells. <i>International Immunology</i> , 2011, 23, 583-592.	1.8	3
156	Role of T Lymphocytes in Liver Abscess Formation by <i>Bacteroides fragilis</i> in Mice. <i>Infection and Immunity</i> , 2011, 79, 2234-2240.	1.0	3
157	Computed tomography or necropsy diagnosis of multiple bullae and the treatment of pneumothorax in rhesus macaques (<i>Macaca mulatta</i>). <i>Journal of Medical Primatology</i> , 2017, 46, 260-262.	0.3	3
158	Long-term control of diabetes in a nonhuman primate by two separate transplantations of porcine adult islets under immunosuppression. <i>American Journal of Transplantation</i> , 2021, 21, 3561-3572.	2.6	3
159	Functional Characteristics of C-terminal Lysine to Cysteine Mutant Form of CTLA-4Ig. <i>Immune Network</i> , 2013, 13, 16.	1.6	2
160	A novel method for murine intrahepatic islet transplantation via cecal vein. <i>Journal of Immunological Methods</i> , 2015, 427, 122-125.	0.6	2
161	Bullous pemphigoid-like skin blistering disease in a rhesus macaque (<i>Macaca mulatta</i>). <i>Journal of Medical Primatology</i> , 2016, 45, 206-208.	0.3	2
162	Pig tissue factor pathway inhibitor β fusion immunoglobulin inhibits pig tissue factor activity in human plasma moderately more efficiently than the human counterpart. <i>Biotechnology Letters</i> , 2017, 39, 1631-1638.	1.1	2

#	ARTICLE	IF	CITATIONS
163	Pre-Clinical Results of Islet Allo-Transplantation Using JAK Inhibitor as Replacement for Tacrolimus Widely Used Immunosuppressive Drug in Islet Transplantation in Cynomolgus Monkeys. Transplantation, 2018, 102, S746.	0.5	2
164	Current Status and Future Perspectives of Xenotransplantation and Stem Cell Research in Transplantation Field. Journal of the Korean Medical Association, 2008, 51, 732.	0.1	2
165	Influence of Interferon- γ Deficiency in Immune Tolerance Induced by Male Islet Transplantation. Immune Network, 2011, 11, 358.	1.6	1
166	Viral Transgene Expression Delivered by Repeat Intraocular Adenoviral Vector Injection: in Vivo Live Imaging Study. Molecular Imaging, 2012, 11, 7290.2011.00053.	0.7	1
167	Molecular cloning and expression analysis of pig CD7. Veterinary Research Communications, 2014, 38, 257-263.	0.6	1
168	Implications of Calcineurin/NFAT Inhibitors' Regulation of Dendritic Cells and Innate Immune Cells in Islet Xenotransplantation. Journal of Bacteriology and Virology, 2016, 46, 1.	0.0	1
169	Cell enrichment-free massive ex-vivo expansion of peripheral CD20+ B cells via CD40-CD40L signals in non-human primates. Biochemical and Biophysical Research Communications, 2016, 473, 92-98.	1.0	1
170	Pig-to-Nonhuman Primate (NHP) Naked Islet Xenotransplantation. , 0, , .		1
171	The value of glycated albumin for the prediction of graft outcome in the non-human primate porcine islet transplantation model. Xenotransplantation, 2018, 25, e12384.	1.6	1
172	A combination regimen of low-dose bortezomib and rapamycin prolonged the graft survival in a murine allogeneic islet transplantation model. Immunology Letters, 2019, 216, 21-27.	1.1	1
173	The effect of preexisting HMGB1 within fetal bovine serum on murine pancreatic beta cell biology. Islets, 2020, 12, 1-8.	0.9	1
174	Invited commentary on "Deep Anterior lamellar keratoplasty with Cross-Linked Acellular Porcine Corneal Stroma to Manage Fungal Keratitis". Xenotransplantation, 2021, 28, e12682.	1.6	1
175	Contrasting Prognostic Effects of Tumor-Infiltrating Lymphocyte Density in Cardia and Non-cardia Gastric Adenocarcinomas. Journal of Gastric Cancer, 2020, 20, 190.	0.9	1
176	The optimized core peptide derived from CABIN1 efficiently inhibits calcineurin-mediated T-cell activation. Experimental and Molecular Medicine, 2022, , .	3.2	1
177	Changes in Food Intake and Abnormal Behavior Using a Puzzle Feeder in Newly Acquired Sub-Adult Rhesus Monkeys (Macaca mulatta): A Short Term Study. Experimental Animals, 2008, 57, 433-437.	0.7	0
178	Characterization of the CD11c Promoter Which Is Expressed in the Mouse Dendritic Cells. Immune Network, 2008, 8, 137.	1.6	0
179	Phylogenetic analysis for the Seoul National University (Minnesota) miniature pig by mitochondrial DNA sequence polymorphism. Animal Science Journal, 2010, 81, 276-279.	0.6	0
180	Transplantation Outcome after Pig to Mouse Intra-Portal Islet Transplantation. Transplantation, 2018, 102, S740.	0.5	0

#	ARTICLE	IF	CITATIONS
181	Correlation between Islet Number in the Small Biopsy Liver and Blood Glucose Level after Pig to Non-Human Primate Islet Xenotransplantation Model. <i>Transplantation</i> , 2018, 102, S390.	0.5	0
182	The Value of Glycated Albumin for Monitoring Graft Function in the Non-Human Primate Porcine Islet Transplantation Model. <i>Transplantation</i> , 2018, 102, S105.	0.5	0
183	Construction of EMSC-Islet Co-Localizing Composites for Xenogeneic Porcine Islet Transplantation. <i>Transplantation</i> , 2018, 102, S747.	0.5	0
184	Intratracheal inoculation of human varicella zoster virus (VZV; MAV strain) vaccine successfully induced VZV IgG antibodies in rhesus monkeys. <i>Laboratory Animal Research</i> , 2021, 37, 14.	1.1	0
185	Depletion of Cytoplasmic Tail of UL18 Enhances and Stabilizes the Surface Expression of UL18. <i>Immune Network</i> , 2008, 8, 130.	1.6	0
186	Anti-CD40LAb combined with CTLA4Ig prolonged porcine islet xenograft survival indefinitely in GalT(+/+) C57BL/6 mice but not indefinitely in syngeneic GalT(Δ/Δ) mice. <i>FASEB Journal</i> , 2008, 22, 862.2.	0.2	0
187	ELISPOT Assay as a Tool to Study the Effects of Stem Cells on Cytokine Secretion. <i>Methods in Molecular Biology</i> , 2012, 792, 105-114.	0.4	0
188	PRE-CLINICAL RESULTS OF PORCINE ISLET RETRANSPLANTATION AFTER FIRST PORCINE ISLET TRANSPLANTATION IN RHESUS MONKEYS. <i>Transplantation</i> , 2020, 104, S644-S644.	0.5	0
189	Xenogeneic pancreatic islet cell transplantation—Application of pig cells and techniques for clinical islet cell xenotransplantation. , 2022, , 167-179.		0