JÃ¶rg Dieter Seebach

List of Publications by Year
in descending order

131 papers	3,331 citations	126907 33 h-index	175258 52 g-index
134 all docs	134 docs citations	134 times ranked	3749 citing authors

#	Article	IF	Citations
1	HLA-E/Human Î²2-Microglobulin Transgenic Pigs: Protection Against Xenogeneic Human Anti-Pig Natural Killer Cell Cytotoxicity. Transplantation, 2009, 87, 35-43.	1.0	138
2	Current status of xenotransplantation and prospects for clinical application. Xenotransplantation, 2009, 16, 263-280.	2.8	126
3	ABO Blood Group Barrier in Allogeneic Bone Marrow Transplantation Revisited. Biology of Blood and Marrow Transplantation, 2005, 11, 1006-1013.	2.0	124
4	Impact of synthetic and biologic disease-modifying antirheumatic drugs on antibody responses to the AS03-adjuvanted pandemic influenza vaccine: A prospective, open-label, parallel-cohort, single-center study. Arthritis and Rheumatism, 2011, 63, 1486-1496.	6.7	119
5	Xenogeneic human antiâ€pig cytotoxicity mediated by activated natural killer cells. Xenotransplantation, 1996, 3, 188-197.	2.8	105
6	The Diagnostic Value of the Neutrophil Left Shift in Predicting Inflammatory and Infectious Disease. American Journal of Clinical Pathology, 1997, 107, 582-591.	0.7	96
7	Lack of Galactose-Î±-1,3-Galactose Expression on Porcine Endothelial Cells Prevents Complement-Induced Lysis but Not Direct Xenogeneic NK Cytotoxicity. Journal of Immunology, 2004, 172, 6460-6467.	0.8	86
8	HLA-G Inhibits Rolling Adhesion of Activated Human NK Cells on Porcine Endothelial Cells. Journal of Immunology, 2001, 167, 6002-6008.	0.8	74
9	Prevention of pure red cell aplasia after major or bidirectional ABO blood group incompatible hematopoietic stem cell transplantation by pretransplant reduction of host anti-donor isoagglutinins. Haematologica, 2009, 94, 239-248.	3.5	73
10	Immunosuppressive Effects of Streptozotocin-Induced Diabetes Result in Absolute Lymphopenia and a Relative Increase of T Regulatory Cells. Diabetes, 2011, 60, 2331-2340.	0.6	73
11	Reactivity of Human Natural Antibodies to Endothelial Cells From Gal??(1,3)Gal-Deficient Pigs. Transplantation, 2007, 83, 193-201.	1.0	68
12	Transgenic expression of HLA-E single chain trimer protects porcine endothelial cells against human natural killer cell-mediated cytotoxicity. Xenotransplantation, 2007, 14, 126-134.	2.8	68
13	Immunoglobulin deficiency in patients with chronic rhinosinusitis: Systematic review of the literature and meta-analysis. Journal of Allergy and Clinical Immunology, 2015, 136, 1523-1531.	2.9	65
14	HLA-E Expression on Porcine Cells: Protection from Human NK Cytotoxicity Depends on Peptide Loading. American Journal of Transplantation, 2005, 5, 2085-2093.	4.7	63
15	Immortalized bone-marrow derived pig endothelial cells. Xenotransplantation, 2001, 8, 48-61.	2.8	62
16	Human NK Cytotoxicity against Porcine Cells Is Triggered by NKp44 and NKG2D. Journal of Immunology, 2005, 175, 5463-5470.	0.8	62
17	Pneumococcal polysaccharide vaccination in adults undergoing immunosuppressive treatment for inflammatory diseases â€“ a longitudinal study. Arthritis Research and Therapy, 2015, 17, 151.	3.5	60
18	Xenograft rejection: IgG, complement and NK cells team up to activate and destroy the endothelium. Trends in Immunology, 2005, 26, 2-5.	6.8	59

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19	Natural killer cells in xenotransplantation. Xenotransplantation, 1997, 4, 201-211.	2.8	58
20	Dextran sulfate acts as an endothelial cell protectant and inhibits human complement and natural killer cell-mediated cytotoxicity against porcine cells. Transplantation, 2003, 76, 838-843.	1.0	55
21	Porcine UL16-Binding Protein 1 Expressed on the Surface of Endothelial Cells Triggers Human NK Cytotoxicity through NKG2D. Journal of Immunology, 2006, 177, 2146-2152.	0.8	55
22	CLIPPERS and its mimics: evaluation of new criteria for the diagnosis of CLIPPERS. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 1027-1038.	1.9	51
23	Xenotransplantation: back to the future?. Transplant International, 2018, 31, 465-477.	1.6	51
24	Characterization of Natural Human Anti-Non-Gal Antibodies and Their Effect on Activation of Porcine Gal-Deficient Endothelial Cells. Transplantation, 2007, 84, 244-250.	1.0	50
25	Aqueous humor polymerase chain reaction in uveitis â€“ utility and safety. BMC Ophthalmology, 2016, 16, 189.	1.4	48
26	Human antiâ€pig Tâ€cell mediated cytotoxicity. Xenotransplantation, 1996, 3, 179-187.	2.8	43
27	Multipotent mesenchymal stromal cells enhance insulin secretion from human islets via N-cadherin interaction and prolong function of transplanted encapsulated islets in mice. Stem Cell Research and Therapy, 2017, 8, 199.	5.5	43
28	Graft-versus-host disease and survival after ABO-incompatible allogeneic bone marrow transplantation: a single-centre experience. British Journal of Haematology, 2001, 113, 251-253.	2.5	42
29	Anti-CD154 mAb and Rapamycin Induce T Regulatory Cell Mediated Tolerance in Rat-to-Mouse Islet Transplantation. PLoS ONE, 2010, 5, e10352.	2.5	42
30	Endothelial Cells Derived from Pigs Lacking Gal??(1,3)Gal: No Reduction of Human Leukocyte Adhesion and Natural Killer Cell Cytotoxicity. Transplantation, 2005, 79, 1067-1072.	1.0	39
31	Current cellular innate immune hurdles in pig-to-primate xenotransplantation. Current Opinion in Organ Transplantation, 2008, 13, 171-177.	1.6	38
32	EBI2 Expression and Function: Robust in Memory Lymphocytes and Increased by Natalizumab in Multiple Sclerosis. Cell Reports, 2017, 18, 213-224.	6.4	38
33	HLAâ€Cw4 expression on porcine endothelial cells reduces cytotoxicity and adhesion mediated by CD158a⁺ human NK cells. Xenotransplantation, 2009, 16, 19-26.	2.8	35
34	Porcine aortic endothelial cells transfected with HLA-G are partially protected from xenogeneic human NK cytotoxicity. Human Immunology, 2000, 61, 1066-1073.	2.4	34
35	Xenogeneic human NK cytotoxicity against porcine endothelial cells is perforin/granzyme B dependent and not inhibited by Bcl-2 overexpression. Xenotransplantation, 2002, 9, 325-337.	2.8	34
36	ABO-histo blood group incompatibility in hematopoietic stem cell and solid organ transplantation. Transfusion and Apheresis Science, 2006, 35, 59-69.	1.0	34

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37	T regulatory cells in xenotransplantation. Xenotransplantation, 2009, 16, 121-128.	2.8	34
38	Hyperlipidemic myeloma: review of 53 cases. Annals of Hematology, 2010, 89, 569-577.	1.8	33
39	Brief Exercise Increases Peripheral Blood NK Cell Counts without Immediate Functional Changes, but Impairs their Responses to ex vivo Stimulation. Frontiers in Immunology, 2013, 4, 125.	4.8	32
40	Rolling adhesion of human NK cells to porcine endothelial cells mainly relies on CD49d-CD106 interactions1. Transplantation, 2002, 73, 789-796.	1.0	31
41	TAFRO Syndrome in Caucasians: A Case Report and Review of the Literature. Frontiers in Medicine, 2017, 4, 149.	2.6	30
42	Cerebrospinal Fluid Interleukin-6 in Central Nervous System Inflammatory Diseases. PLoS ONE, 2013, 8, e72399.	2.5	30
43	Immune responses to Î±1,3 galactosyltransferase knockout pigs. Current Opinion in Organ Transplantation, 2009, 14, 154-160.	1.6	29
44	The Role of NK Cells in Pig-to-Human Xenotransplantation. Journal of Immunology Research, 2017, 2017, 1-19.	2.2	29
45	Retinal microangiopathy and rapidly fatal cerebral edema in a patient with adult-onset Still's disease and concurrent macrophage activation syndrome. American Journal of Hematology, 2008, 83, 424-427.	4.1	28
46	Cytokine Secretion Depends on GalÎ±(1,3)Gal Expression in a Pig-to-Human Whole Blood Model. Journal of Immunology, 2008, 180, 6346-6353.	0.8	28
47	Complete absence of the Î±Gal xenoantigen and isoglobotrihexosylceramide in Î±1,3galactosyltransferase knockâ€out pigs. Xenotransplantation, 2012, 19, 196-206.	2.8	25
48	Flow Cytometric Measurement of ABO Antibodies in ABO-Incompatible Living Donor Kidney Transplantation. Transplantation, 2007, 84, S20-S23.	1.0	24
49	Multiple genetically modified <scp>GTKO</scp>/<scp>hCD</scp>46/<scp>HLA</scp>â€Ł/hÎ²2â^'mg porcine hearts are protected from complement activation and natural killer cell infiltration during ex vivo perfusion with human blood. Xenotransplantation, 2018, 25, e12390.	2.8	24
50	Human leucocyte antigen-G and its recognition by natural killer cells. Journal of Reproductive Immunology, 1999, 43, 127-137.	1.9	23
51	Porcine cells express more than one functional ligand for the human lymphocyte activating receptor NKG2D. Xenotransplantation, 2008, 15, 321-332.	2.8	23
52	Human Leukocyte Transmigration Across GalÎ±(1,3)Gal-Negative Porcine Endothelium Is Regulated by Human CD18 and CD99. Transplantation, 2009, 87, 491-499.	1.0	22
53	Survival of Free and Encapsulated Human and Rat Islet Xenografts Transplanted into the Mouse Bone Marrow. PLoS ONE, 2014, 9, e91268.	2.5	22
54	Small-Molecule Immunosuppressive Drugs and Therapeutic Immunoglobulins Differentially Inhibit NK Cell Effector Functions in vitro. Frontiers in Immunology, 2019, 10, 556.	4.8	21

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55	Human Polymorphonuclear Neutrophils are Recruited by Porcine Chemokines Acting on CXC Chemokine Receptor 2, and Platelet-Activating Factor. Transplantation, 2005, 79, 1324-1331.	1.0	20
56	Transplantation tolerance: Clinical potential of regulatory T cells. Self/nonself, 2011, 2, 26-34.	2.0	20
57	Complement dependent early immunological responses during ex vivo xenoperfusion of <scp>hCD</scp>46/HLAâ€Ł double transgenic pig forelimbs with human blood. Xenotransplantation, 2014, 21, 230-243.	2.8	19
58	Potential of T-regulatory cells to protect xenografts. Current Opinion in Organ Transplantation, 2012, 17, 155-161.	1.6	18
59	Activation of Human Microvascular Endothelial Cells with TNF-Alpha and Hypoxia/Reoxygenation Enhances NK-cell Adhesion, but not NK-Cytotoxicity. Transplantation, 2006, 81, 1204-1211.	1.0	17
60	Porcine Extrahepatic Vascular Endothelial Asialoglycoprotein Receptor 1 Mediates Xenogeneic Platelet Phagocytosis In Vitro and in Human-to-Pig Ex Vivo Xenoperfusion. Transplantation, 2015, 99, 693-701.	1.0	17
61	Release of pig leukocytes and reduced human <scp>NK</scp> cell recruitment during ex vivo perfusion of <scp>HLA</scp>â€Ł/human <scp>CD</scp>46 doubleâ€transgenic pig limbs with human blood. Xenotransplantation, 2018, 25, e12357.	2.8	17
62	Acral Necrosis of the Fingers as Initial Manifestation of Cutaneous Polyarteritis Nodosa. Angiology, 2001, 52, 63-67.	1.8	16
63	Human CMV Infection of Porcine Endothelial Cells Increases Adhesion Receptor Expression and Human Leukocyte Recruitment. Transplantation, 2009, 87, 1792-1800.	1.0	16
64	Activation of the Lectin Pathway of Complement in Pig-to-Human Xenotransplantation Models. Transplantation, 2013, 96, 791-799.	1.0	16
65	Efficacy of Omalizumab in Mastocytosis: Allusive Indication Obtained from a Prospective, Double-Blind, Multicenter Study (XOLMA Study). Dermatology, 2020, 236, 529-539.	2.1	16
66	Efficiency of porcine endothelial cell infection with human cytomegalovirus depends on both virus tropism and endothelial cell vascular origin. Xenotransplantation, 2010, 17, 274-287.	2.8	15
67	Persistence of recipient-type endothelium after allogeneic hematopoietic stem cell transplantation. Haematologica, 2011, 96, 119-127.	3.5	14
68	<scp>ITIM</scp>â€dependent negative signaling pathways for the control of cellâ€mediated xenogeneic immune responses. Xenotransplantation, 2013, 20, 397-406.	2.8	14
69	NK Cell Isolation from Liver Biopsies: Phenotypic and Functional Analysis of Low Cell Numbers by Flow Cytometry. Frontiers in Immunology, 2013, 4, 61.	4.8	14
70	Inhibition of human NK cell-mediated cytotoxicity by exposure to ammonium chloride. Journal of Immunological Methods, 2001, 252, 1-14.	1.4	13
71	Major ABO-incompatible hematopoietic stem cell transplantation: study of post-transplant pure red cell aplasia and endothelial cell chimerism.. Xenotransplantation, 2006, 13, 126-132.	2.8	13
72	Characterization of porcine UL16-binding protein 1 endothelial cell surface expression. Xenotransplantation, 2008, 15, 136-144.	2.8	12

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73	Inhibition of direct and indirect TLR-mediated activation of human NK cells by low molecular weight dextran sulfate. Molecular Immunology, 2010, 47, 2349-2358.	2.2	12
74	Identification of the Tetraspanin CD82 as a New Barrier to Xenotransplantation. Journal of Immunology, 2013, 191, 2796-2805.	0.8	11
75	Transgenic Expression of Human CD46 on Porcine Endothelium. Transplantation, 2015, 99, 2061-2069.	1.0	11
76	Human Fas-ligand expression on porcine endothelial cells does not protect against xenogeneic natural killer cytotoxicity*. Xenotransplantation, 2004, 11, 43-52.	2.8	10
77	Everolimus-Induced Drug Fever After Heart Transplantation. Transplantation, 2004, 78, 303-304.	1.0	10
78	Human antiâ€pig <scp>NK</scp> cell and <scp>CD</scp>8⁺ Tâ€cell responses in the presence of regulatory dendritic cells. Xenotransplantation, 2016, 23, 479-489.	2.8	10
79	Hereditary haemorrhagic telangiectasia: to transplant or not to transplant â€“ is there a right time for liver transplantation?. Liver International, 2016, 36, 1735-1740.	3.9	10
80	Thyroid Rosai-Dorfman disease with infiltration of IgG4-bearing plasma cells associated with multiple small pulmonary cysts. BMC Pulmonary Medicine, 2019, 19, 83.	2.0	10
81	Ultra-sensitive and specific detection of porcine endogenous retrovirus (PERV) using a sequence-capture real-time PCR approach. Journal of Virological Methods, 2003, 109, 209-216.	2.1	9
82	Hypoxia and reoxygenation do not upregulate adhesion molecules and natural killer cell adhesion on human endothelial cells in vitro. European Journal of Cardio-thoracic Surgery, 2003, 23, 976-983.	1.4	9
83	Spontaneous Splenic Rupture as Manifestation of the Immune Reconstitution Inflammatory Syndrome in an HIV Type 1 Infected Patient with Tuberculosis. Infection, 2009, 37, 163-165.	4.7	8
84	Comparison of Clinical Characteristics and Magnetic Resonance Imaging of Salivary Glands With Magnetic Resonance Sialography in SjÃ¶gren's Syndrome. Laryngoscope, 2021, 131, E83-E89.	2.0	8
85	Transvenous Biopsy of Cavo-Atrial Tumors with the Quick-Core Needle. CardioVascular and Interventional Radiology, 2004, 27, 251-3.	2.0	7
86	Prolongation of ratâ€toâ€mouse islets xenograft survival by coâ€transplantation of autologous ILâ€10 differentiated murine tolerogenic dendritic cells. Xenotransplantation, 2020, 27, e12584.	2.8	7
87	Prevalence of large vessel vasculitis in ANCA-associated vasculitis: a retrospective cohort study. Rheumatology International, 2021, 41, 2147-2156.	3.0	7
88	Polyclonal Proliferation of Large Granular Lymphocytes during Cytomegalovirus Primary Infection in a Human Immunodeficiency Virusâ€“Infected Patient Receiving Antiretroviral Therapy. Clinical Infectious Diseases, 2001, 33, e34-e36.	5.8	6
89	Chemoattractant Signals and Adhesion Molecules Promoting Human Regulatory T Cell Recruitment to Porcine Endothelium. Transplantation, 2016, 100, 753-762.	1.0	6
90	Immunological aspects of allogeneic pancreatic islet transplantation: a comparison between mouse and human. Transplant International, 2019, 32, 903-912.	1.6	6

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91	Three cases of BRAF mutation negative Erdheim-Chester disease with a challenging distinction from IgG4-related disease. Allergy, Asthma and Clinical Immunology, 2021, 17, 6.	2.0	5
92	Severe Mitral Valve Regurgitation in Polymyositis. Journal of Clinical Rheumatology, 2012, 18, 367-369.	0.9	4
93	Low pre-treatment B-cell counts are not a risk factor of infection in patients treated with rituximab for autoimmune diseases: An observational study. Joint Bone Spine, 2016, 83, 191-197.	1.6	4
94	Annexin V expression on CD4+T cells with regulatory function. Immunology, 2020, 159, 205-220.	4.4	4
95	Effect of intravenous IgG therapy on natural killer cell function related to Fc gamma receptor gene expression. Journal of Allergy and Clinical Immunology, 2020, 146, 667-670.	2.9	4
96	Case Report: Severe Complement-Mediated Thrombotic Microangiopathy in IgG4-Related Disease Secondary to Anti-Factor H IgG4 Autoantibodies. Frontiers in Immunology, 2020, 11, 604759.	4.8	4
97	Strategies to overcome cellular rejection of pig-to-primate xenografts - the next steps. Xenotransplantation, 2007, 14, 371-372.	2.8	3
98	Xenotransplantation literature update: Novemberâ€“December, 2008. Xenotransplantation, 2009, 16, 50-53.	2.8	3
99	Xenotransplantation literature update June - October 2010. Xenotransplantation, 2010, 17, 481-488.	2.8	3
100	Xenotransplantation literature update, Novemberâ€“December 2013. Xenotransplantation, 2014, 21, 91-95.	2.8	3
101	Xenotransplantation literature update: November 2009â€“January 2010. Xenotransplantation, 2010, 17, 166-170.	2.8	2
102	Xenotransplantation literature update, Julyâ€“October 2011. Xenotransplantation, 2011, 18, 400-404.	2.8	2
103	Anti-CD20 rituximab IgG1, IgG3, and IgG4 but not IgG2 subclass trigger Ca2+ mobilization and cytotoxicity in human NK cells. Journal of Leukocyte Biology, 2020, 108, 1409-1423.	3.3	2
104	Xenotransplantation literature update Mayâ€“August, 2008. Xenotransplantation, 2008, 15, 344-351.	2.8	1
105	Xenotransplantation literature update: Septemberâ€“October 2008. Xenotransplantation, 2008, 15, 417-421.	2.8	1
106	Xenotransplantation literature update Januaryâ€“February, 2009. Xenotransplantation, 2009, 16, 115-117.	2.8	1
107	Xenotransplantation literature update Marchâ€“April, 2009. Xenotransplantation, 2009, 16, 187-191.	2.8	1
108	Xenotransplantation literature update: February-March, 2010. Xenotransplantation, 2010, 17, 256-260.	2.8	1

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109	Xenotransplantation literature update, March â€“ April 2011. Xenotransplantation, 2011, 18, 209-213.	2.8	1
110	Xenotransplantation literature update, Mayâ€“June 2011. Xenotransplantation, 2011, 18, 262-266.	2.8	1
111	Xenotransplantation literature update, Julyâ€“August 2012. Xenotransplantation, 2012, 19, 323-325.	2.8	1
112	Xenotransplantation literature update, Novemberâ€“December 2011. Xenotransplantation, 2012, 19, 65-69.	2.8	1
113	Xenotransplantation literature update, <scp>M</scp>archâ€“<scp>A</scp>pril 2013. Xenotransplantation, 2013, 20, 193-196.	2.8	1
114	Ex vivo perfusion of HLA-E/CD46 transgenic pig limbs with human blood: evaluation of NK cell recruitment. Xenotransplantation, 2013, 20, 53-54.	2.8	1
115	C1 esterase inhibitor concentrates and attenuated androgens. Lancet, The, 2018, 391, 1355-1356.	13.7	1
116	The RAI-6 Questionnaire: A New Screening Questionnaire to Monitor Complications of Radioiodine Treatment. Frontiers in Surgery, 2021, 8, 641945.	1.4	1
117	Sarcoidosis - a multisystem disease.. Swiss Medical Weekly, 2022, 152, w30049.	1.6	1
118	Xenotransplantation literature update: Mayâ€“October, 2009. Xenotransplantation, 2009, 16, 555-562.	2.8	0
119	Xenotransplantation literature update: April-May, 2010. Xenotransplantation, 2010, 17, 324-327.	2.8	0
120	Xenotransplantation literature update: Novemberâ€“December, 2010. Xenotransplantation, 2011, 18, 73-76.	2.8	0
121	Xenotransplantation literature update, Januaryâ€“February 2011. Xenotransplantation, 2011, 18, 147-150.	2.8	0
122	Xenotransplantation literature update, May to June 2012. Xenotransplantation, 2012, 19, 265-268.	2.8	0
123	Xenotransplantation literature update, Septemberâ€“October 2012. Xenotransplantation, 2012, 19, 370-374.	2.8	0
124	Xenotransplantation literature update, Januaryâ€“February 2012. Xenotransplantation, 2012, 19, 133-136.	2.8	0
125	Xenotransplantation literature update, March to April 2012. Xenotransplantation, 2012, 19, 207-211.	2.8	0
126	Xenotransplantation literature update, <scp>M</scp>ayâ€“<scp>J</scp>une 2013. Xenotransplantation, 2013, 20, 262-265.	2.8	0

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127	Xenotransplantation literature update, Septemberâ€“October 2013. Xenotransplantation, 2013, 20, 481-486.	2.8	0
128	Xenotransplantation literature update, <scp>J</scp>ulyâ€“<scp>A</scp>ugust 2013. Xenotransplantation, 2013, 20, 308-310.	2.8	0
129	Xenotransplantation literature update, Novemberâ€“December 2012. Xenotransplantation, 2013, 20, 36-38.	2.8	0
130	Xenotransplantation literature update, <scp>J</scp>anuaryâ€“<scp>F</scp>ebruary 2013. Xenotransplantation, 2013, 20, 131-134.	2.8	0
131	Left Main Coronary Artery Perforation During Percutaneous Coronary Intervention in a Patient With Noninfectious Aortitis. Reviews in Cardiovascular Medicine, 2014, 15, 66-70.	1.4	0