

Avneesh K Singh

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,646
citations

394286

19
h-index

552653

26
g-index

27
all docs

27
docs citations

27
times ranked

2115
citing authors

#	ARTICLE	IF	CITATIONS
1	Preclinical rationale and current pathways to support the first human clinical trials in cardiac xenotransplantation. <i>Human Immunology</i> , 2023, 84, 34-42.	1.2	4
2	Progressive genetic modifications of porcine cardiac xenografts extend survival to 9 months. <i>Xenotransplantation</i> , 2022, 29, e12744.	1.6	64
3	Cardiac Xenotransplantation: Progress in Preclinical Models and Prospects for Clinical Translation. <i>Transplant International</i> , 2022, 35, 10171.	0.8	10
4	Genetically Modified Porcine-to-Human Cardiac Xenotransplantation. <i>New England Journal of Medicine</i> , 2022, 387, 35-44.	13.9	270
5	Blood Cardioplegia Induction, Perfusion Storage and Graft Dysfunction in Cardiac Xenotransplantation. <i>Frontiers in Immunology</i> , 2021, 12, 667093.	2.2	20
6	Early Experience With Preclinical Perioperative Cardiac Xenograft Dysfunction in a Single Program. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1357-1361.	0.7	16
7	Heterotopic Porcine Cardiac Xenotransplantation in the Intra-Abdominal Position in a Non-Human Primate Model. <i>Scientific Reports</i> , 2020, 10, 10709.	1.6	15
8	Xenotransplantation: A Step Closer to Clinical Reality?. <i>Transplantation</i> , 2019, 103, 453-454.	0.5	7
9	Cardiac xenografts show reduced survival in the absence of transgenic human thrombomodulin expression in donor pigs. <i>Xenotransplantation</i> , 2019, 26, e12465.	1.6	43
10	CD4 ⁺ CD25 ^{hi} FoxP3 ⁺ regulatory T cells in long-term cardiac xenotransplantation. <i>Xenotransplantation</i> , 2018, 25, e12379.	1.6	17
11	Consideration of appropriate clinical applications for cardiac xenotransplantation. <i>Clinical Transplantation</i> , 2018, 32, e13330.	0.8	4
12	Encouraging experience using multi-transgenic xenografts in a pig-to-baboon cardiac xenotransplantation model. <i>Xenotransplantation</i> , 2017, 24, e12330.	1.6	21
13	Chimeric 2C10R4 anti-CD40 antibody therapy is critical for long-term survival of GTKO.hCD46.hTBM pig-to-primate cardiac xenograft. <i>Nature Communications</i> , 2016, 7, 11138.	5.8	351
14	Early graft failure of GalTKO pig organs in baboons is reduced by expression of a human complement pathway-regulatory protein. <i>Xenotransplantation</i> , 2015, 22, 310-316.	1.6	79
15	Role of anti-CD40 antibody-mediated costimulation blockade on non-Gal antibody production and heterotopic cardiac xenograft survival in a GTKO.hCD46Tg pig-to-baboon model. <i>Xenotransplantation</i> , 2014, 21, 35-45.	1.6	77
16	Regulatory T cells enhance mesenchymal stem cell survival and proliferation following autologous cotransplantation in ischemic myocardium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1131-1137.	0.4	28
17	Genetically engineered pigs and target-specific immunomodulation provide significant graft survival and hope for clinical cardiac xenotransplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1106-1114.	0.4	111
18	Ex vivo expanded baboon CD4 ⁺ CD25 ^{hi} Treg cells suppress baboon anti-pig T and B cell immune response. <i>Xenotransplantation</i> , 2012, 19, 102-111.	1.6	21

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19	Characterization and expansion of baboon CD4 ⁺ CD25 ⁺ Treg cells for potential use in a non-human primate xenotransplantation model. <i>Xenotransplantation</i> , 2007, 14, 298-308.	1.6	39
20	The natural killer T cell ligand α -galactosylceramide prevents or promotes pristane-induced lupus in mice. <i>European Journal of Immunology</i> , 2005, 35, 1143-1154.	1.6	81
21	Glycolipid antigen induces long-term natural killer T cell anergy in mice. <i>Journal of Clinical Investigation</i> , 2005, 115, 2572-2583.	3.9	386
22	Quantitative and Qualitative Differences in the In Vivo Response of NKT Cells to Distinct α - and β -Anomeric Glycolipids. <i>Journal of Immunology</i> , 2004, 173, 3693-3706.	0.4	136
23	The response of natural killer T cells to glycolipid antigens is characterized by surface receptor down-modulation and expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10913-10918.	3.3	306
24	Immunoregulatory Role of CD1d in the Hydrocarbon Oil-Induced Model of Lupus Nephritis. <i>Journal of Immunology</i> , 2003, 171, 2142-2153.	0.4	93
25	Immunotherapy with ligands of natural killer T cells. <i>Trends in Molecular Medicine</i> , 2002, 8, 225-231.	3.5	69
26	Natural Killer T Cell Activation Protects Mice Against Experimental Autoimmune Encephalomyelitis. <i>Journal of Experimental Medicine</i> , 2001, 194, 1801-1811.	4.2	375