

Muhammad M Mohiuddin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,124
citations

623574

14
h-index

610775

24
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all docs

24
docs citations

24
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Early graft failure of GalTKO pig organs in baboons is reduced by expression of a human complement pathwayâ€regulatory protein. <i>Xenotransplantation</i> , 2015, 22, 310-316.	1.6	79
4	Role of antiâ€CD40 antibodyâ€mediated costimulation blockade on nonâ€Gal antibody production and heterotopic cardiac xenograft survival in a GTKO.hCD46Tg pigâ€toâ€baboon model. <i>Xenotransplantation</i> , 2014, 21, 35-45.	1.6	77
5	Current status of pig heart xenotransplantation. <i>International Journal of Surgery</i> , 2015, 23, 234-239.	1.1	71
6	Progressive genetic modifications of porcine cardiac xenografts extend survival to 9 months. <i>Xenotransplantation</i> , 2022, 29, e12744.	1.6	64
7	Regulation of Clinical Xenotransplantationâ€Time for a Reappraisal. <i>Transplantation</i> , 2017, 101, 1766-1769.	0.5	57
8	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
9	Antibody-mediated accommodation of heart grafts expressing an incompatible carbohydrate antigen. <i>Transplantation</i> , 2003, 75, 258-262.	0.5	42
10	Characterization and expansion of baboon CD4 ⁺ CD25 ⁺ Treg cells for potential use in a nonâ€human primate xenotransplantation model. <i>Xenotransplantation</i> , 2007, 14, 298-308.	1.6	39
11	Mouse-heart grafts expressing an incompatible carbohydrate antigen. II. Transition from accommodation to tolerance. <i>Transplantation</i> , 2004, 77, 366-373.	0.5	25
12	Exâ€vivo expanded baboon CD4 ⁺ CD25 ^{Hi} Treg cells suppress baboon antiâ€pig T and B cell immune response. <i>Xenotransplantation</i> , 2012, 19, 102-111.	1.6	21
13	Encouraging experience using multiâ€transgenic xenografts in a pigâ€toâ€baboon cardiac xenotransplantation model. <i>Xenotransplantation</i> , 2017, 24, e12330.	1.6	21
14	Blood Cardioplegia Induction, Perfusion Storage and Graft Dysfunction in Cardiac Xenotransplantation. <i>Frontiers in Immunology</i> , 2021, 12, 667093.	2.2	20
15	CD ⁴⁺ CD ²⁵ ^{Hi} FoxP3 ⁺ regulatory T cells in longâ€term cardiac xenotransplantation. <i>Xenotransplantation</i> , 2018, 25, e12379.	1.6	17
16	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
17	Clinical Xenotransplantation of Organs: Why Aren't We There Yet?. <i>PLoS Medicine</i> , 2007, 4, e75.	3.9	14
18	Heart xenotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2017, 22, 549-554.	0.8	13

#	ARTICLE	IF	CITATIONS
19	Regulatory barriers to xenotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2019, 24, 522-526.	0.8	13
20	Cardiac Xenotransplantation: Progress in Preclinical Models and Prospects for Clinical Translation. <i>Transplant International</i> , 2022, 35, 10171.	0.8	10
21	Xenotransplantation: A Step Closer to Clinical Reality?. <i>Transplantation</i> , 2019, 103, 453-454.	0.5	7
22	Recent advances in porcine cardiac xenotransplantation: from aortic valve replacement to heart transplantation. <i>Expert Review of Cardiovascular Therapy</i> , 2022, 20, 597-608.	0.6	6
23	Consideration of appropriate clinical applications for cardiac xenotransplantation. <i>Clinical Transplantation</i> , 2018, 32, e13330.	0.8	4
24	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