

Richard N Pierson Iii

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,276
citations

430874

18
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

1096
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.	12.8	351
2	Current status of xenotransplantation and prospects for clinical application. <i>Xenotransplantation</i> , 2009, 16, 263-280.	2.8	126
3	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.	2.8	79
4	Humoral Immunity to Vimentin Is Associated with Cardiac Allograft Injury in Nonhuman Primates. <i>American Journal of Transplantation</i> , 2005, 5, 2349-2359.	4.7	69
5	Clinical lung xenotransplantation – what donor genetic modifications may be necessary?. <i>Xenotransplantation</i> , 2012, 19, 144-158.	2.8	60
6	Belatacept for renal rescue in lung transplant patients. <i>Transplant International</i> , 2016, 29, 453-463.	1.6	46
7	Absence of Gal epitope prolongs survival of swine lungs in an ex vivo model of hyperacute rejection. <i>Xenotransplantation</i> , 2011, 18, 94-107.	2.8	42
8	Co-stimulation blockade targeting CD154 and CD28/B7 modulates the induced antibody response after a pig-to-baboon cardiac xenograft. <i>Xenotransplantation</i> , 2005, 12, 197-208.	2.8	40
9	Meta-analysis of the independent and cumulative effects of multiple genetic modifications on pig lung xenograft performance during ex vivo perfusion with human blood. <i>Xenotransplantation</i> , 2015, 22, 102-111.	2.8	40
10	Coagulation cascade activation triggers early failure of pig hearts expressing human complement regulatory genes. <i>Xenotransplantation</i> , 2007, 14, 34-47.	2.8	38
11	The International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of xenocorneal transplantation. <i>Xenotransplantation</i> , 2014, 21, 420-430.	2.8	31
12	Platelet sequestration and activation during GalTKO.hCD46 pig lung perfusion by human blood is primarily mediated by GPIb, GPIIb/IIIa, and von Willebrand Factor. <i>Xenotransplantation</i> , 2016, 23, 222-236.	2.8	26
13	Pig-to-human heart transplantation: Who goes first?. <i>American Journal of Transplantation</i> , 2020, 20, 2669-2674.	4.7	26
14	N-glycolylneuraminic acid knockout reduces erythrocyte sequestration and thromboxane elaboration in an ex vivo pig-to-human xenoperfusion model. <i>Xenotransplantation</i> , 2017, 24, e12339.	2.8	21
15	Pig-to-baboon lung xenotransplantation: Extended survival with targeted genetic modifications and pharmacologic treatments. <i>American Journal of Transplantation</i> , 2022, 22, 28-45.	4.7	20
16	Development of a consensus protocol to quantify primate anti-non-Gal xenoreactive antibodies using pig aortic endothelial cells. <i>Xenotransplantation</i> , 2014, 21, 555-566.	2.8	19
17	Pig-to-baboon liver xenoperfusion utilizing GalTKO.hCD46 pigs and glycoprotein Ib blockade. <i>Xenotransplantation</i> , 2014, 21, 274-286.	2.8	19
18	Interleukin-8 mediates neutrophil-endothelial interactions in pig-to-human xenogeneic models. <i>Xenotransplantation</i> , 2018, 25, e12385.	2.8	19

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19	Pâ€and Eâ€selectin receptor antagonism prevents human leukocyte adhesion to activated porcine endothelial monolayers and attenuates porcine endothelial damage. <i>Xenotransplantation</i> , 2018, 25, e12381.	2.8	19
20	Pig heart and lung xenotransplantation: Present status. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 1014-1022.	0.6	18
21	Lung xenotransplantation: recent progress and current status. <i>Xenotransplantation</i> , 2014, 21, 496-506.	2.8	15
22	Development and characterization of a point-of care rate-based transcutaneous respiratory status monitor. <i>Medical Engineering and Physics</i> , 2018, 56, 36-41.	1.7	15
23	Humanized von Willebrand factor reduces platelet sequestration in ex vivo and in vivo xenotransplant models. <i>Xenotransplantation</i> , 2021, 28, e12712.	2.8	15
24	Thoracic transplantation. <i>American Journal of Transplantation</i> , 2003, 3, 91-102.	4.7	13
25	JOINT <sc>FDA</sc>â€<sc>IXA</sc> SYMPOSIUM, SEPTEMBER 20, 2017. <i>Xenotransplantation</i> , 2017, 24, e12365.	2.8	12
26	Synthetic liver function is detectable in transgenic porcine livers perfused with human blood. <i>Xenotransplantation</i> , 2018, 25, e12361.	2.8	12
27	Four-Dimensional Characterization of Thrombosis in a Live-Cell, Shear-Flow Assay: Development and Application to Xenotransplantation. <i>PLoS ONE</i> , 2015, 10, e0123015.	2.5	10
28	Kidney xenotransplantation in a brainâ€dead donor: Glass halfâ€full or halfâ€empty?. <i>American Journal of Transplantation</i> , 2022, , .	4.7	6
29	Adaptive periodic paralysis allows weaning deep sedation overcoming the drowning syndrome in ECMO patients bridged for lung transplantation: A case series. <i>Journal of Critical Care</i> , 2017, 42, 157-161.	2.2	5
30	Human erythrocyte fragmentation during exâ€vivo pig organ perfusion. <i>Xenotransplantation</i> , 2022, 29, e12729.	2.8	4
31	hEPCR.hTBM.hCD47.hHOâ€1 with donor clodronate and DDAVP treatment improves perfusion and function of GalTKO.hCD46 porcine livers perfused with human blood. <i>Xenotransplantation</i> , 2022, 29, e12731.	2.8	3
32	Incidence of Residual Clot Strands in Saphenous Vein Grafts after Endoscopic Harvest. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2006, 1, 323-327.	0.9	1
33	AgnÃ’s Marie Azimzadeh, Ph.D â€“ â€œIn Memoriamâ€• <i>Xenotransplantation</i> , 2021, 28, e12689.	2.8	0