

Robert Ramm

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

289
citations

1040056

9
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	Dot blots of solubilized extracellular matrix allow quantification of human antibodies bound to epitopes present in decellularized porcine pulmonary heart valves. <i>Xenotransplantation</i> , 2021, 28, e12646.	2.8	6
2	Immunological and functional features of decellularized xenogeneic heart valves after transplantation into GGTA1-KO pigs. <i>International Journal of Energy Production and Management</i> , 2021, 8, .	3.7	13
3	Residual immune response towards decellularized homografts may be highly individual. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 773-782.	1.4	15
4	Decellularized pig pulmonary heart valves – Depletion of nucleic acids measured by proviral PERV. <i>Xenotransplantation</i> , 2020, 27, e12565.	2.8	8
5	Decellularization combined with enzymatic removal of N-linked glycans and residual DNA reduces inflammatory response and improves performance of porcine xenogeneic pulmonary heart valves in an ovine in vivo model. <i>Xenotransplantation</i> , 2020, 27, e12571.	2.8	37
6	Toward acellular xenogeneic heart valve prostheses: Histological and biomechanical characterization of decellularized and enzymatically deglycosylated porcine pulmonary heart valve matrices. <i>Xenotransplantation</i> , 2020, 27, e12617.	2.8	20
7	In vivo performance of freeze-dried decellularized pulmonary heart valve allo- and xenografts orthotopically implanted into juvenile sheep. <i>Acta Biomaterialia</i> , 2018, 68, 41-52.	8.3	46
8	Decellularized GGTA1-KO pig heart valves do not bind preformed human xenoantibodies. <i>Basic Research in Cardiology</i> , 2016, 111, 39.	5.9	15
9	Effects of combined cryopreservation and decellularization on the biomechanical, structural and biochemical properties of porcine pulmonary heart valves. <i>Acta Biomaterialia</i> , 2016, 43, 71-77.	8.3	44
10	Mesodermal origin of median fin mesenchyme and tail muscle in amphibian larvae. <i>Scientific Reports</i> , 2015, 5, 11428.	3.3	8
11	No evidence for α -Gal epitope transfer from media containing FCS onto human endothelial cells in culture. <i>Xenotransplantation</i> , 2015, 22, 345-355.	2.8	5
12	Sucrose Diffusion in Decellularized Heart Valves for Freeze-Drying. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 922-931.	2.1	25
13	Successful re-endothelialization of a perfusable biological vascularized matrix (BioVaM) for the generation of 3D artificial cardiac tissue. <i>Basic Research in Cardiology</i> , 2014, 109, 441.	5.9	37
14	Heart valve transplantation: the urgent need for non-immunogenic porcine heart valve matrices. <i>Xenotransplantation</i> , 2013, 20, 56-56.	2.8	0