

Sabarinathan Ramachandran

List of Publications by Year in descending order

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53
papers

1,994
citations

218677

26
h-index

243625

44
g-index

53
all docs

53
docs citations

53
times ranked

2586
citing authors

#	ARTICLE	IF	CITATIONS
1	De Novo Production of K-Î±1 Tubulin-Specific Antibodies: Role in Chronic Lung Allograft Rejection. <i>Journal of Immunology</i> , 2008, 180, 4487-4494.	0.8	188
2	Antibodies to MHC Class I Induce Autoimmunity: Role in the Pathogenesis of Chronic Rejection. <i>Journal of Immunology</i> , 2009, 182, 309-318.	0.8	150
3	Alloimmunity-induced autoimmunity as a potential mechanism in the pathogenesis of chronic rejection of human lung allografts. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 624-631.	0.6	150
4	Endogenous Reprogramming of Alpha Cells into Beta Cells, Induced by Viral Gene Therapy, Reverses Autoimmune Diabetes. <i>Cell Stem Cell</i> , 2018, 22, 78-90.e4.	11.1	138
5	The Larval Specific Lymphatic Filarial ALTâ€²: Induction of Protection Using Protein or DNA Vaccination. <i>Microbiology and Immunology</i> , 2004, 48, 945-955.	1.4	67
6	Tenascin-C, over expressed in lung cancer down regulates effector functions of tumor infiltrating lymphocytes. <i>Lung Cancer</i> , 2005, 47, 17-29.	2.0	65
7	Cooperative Signaling for Angiogenesis and Neovascularization by VEGF and HGF Following Islet Transplantation. <i>Transplantation</i> , 2010, 90, 725-731.	1.0	65
8	A Significant Role for Histocompatibility in Human Islet Transplantation. <i>Transplantation</i> , 2006, 82, 180-187.	1.0	60
9	Immune Response to Tissue-Restricted Self-Antigens Induces Airway Inflammation and Fibrosis Following Murine Lung Transplantation. <i>American Journal of Transplantation</i> , 2014, 14, 2359-2366.	4.7	58
10	Development of antibodies to human leukocyte antigen precedes development of antibodies to major histocompatibility class I-related chain A and are significantly associated with development of chronic rejection after human lung transplantation. <i>Human Immunology</i> , 2010, 71, 560-565.	2.4	54
11	Efficacy of extracorporeal photopheresis in clearance of antibodies to donor-specific and lung-specific antigens in lung transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 950-956.	0.6	49
12	Ischemiaâ€“reperfusion injury in rat steatotic liver is dependent on NFÎ±B P65 activation. <i>Transplant Immunology</i> , 2012, 26, 201-206.	1.2	45
13	Different Roles for Matrix Metalloproteinaseâ€² and Matrix Metalloproteinaseâ€³ in the Pathogenesis of Cardiac Allograft Rejection. <i>American Journal of Transplantation</i> , 2005, 5, 517-528.	4.7	44
14	MicroRNA-144 dysregulates the transforming growth factor-Î² signaling cascade and contributes to the development of bronchiolitis obliterans syndrome after human lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1154-1162.	0.6	43
15	Long-term tolerance of islet allografts in nonhuman primates induced by apoptotic donor leukocytes. <i>Nature Communications</i> , 2019, 10, 3495.	12.8	43
16	Endoplasmic reticulum stress is a mediator of posttransplant injury in severely steatotic liver allografts. <i>Liver Transplantation</i> , 2011, 17, 189-200.	2.4	42
17	Living donor renal transplantation in the presence of donor-specific human leukocyte antigen antibody detected by solid-phase assay. <i>Human Immunology</i> , 2009, 70, 584-588.	2.4	41
18	Hepatitis C Virus Induced miR200c Down Modulates FAP-1, a Negative Regulator of Src Signaling and Promotes Hepatic Fibrosis. <i>PLoS ONE</i> , 2013, 8, e70744.	2.5	41

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19	T Regulatory Cells Play a Significant Role in Modulating MHC Class I Antibody-Induced Obliterative Airway Disease. American Journal of Transplantation, 2012, 12, 2663-2674.	4.7	39
20	Dysregulated MicroRNA Expression and Chronic Lung Allograft Rejection in Recipients With Antibodies to Donor HLA. American Journal of Transplantation, 2015, 15, 1933-1947.	4.7	38
21	Activated Effector and Memory T Cells Contribute to Circulating sCD30: Potential Marker for Islet Allograft Rejection. American Journal of Transplantation, 2008, 8, 1798-1808.	4.7	37
22	Improved Islet Yields from Pancreas Preserved in Perfluorocarbon Is Via Inhibition of Apoptosis Mediated by Mitochondrial Pathway.. American Journal of Transplantation, 2006, 6, 1696-1703.	4.7	36
23	Characterization of HCV-Specific CD4+Th17 Immunity in Recurrent Hepatitis C-Induced Liver Allograft Fibrosis. American Journal of Transplantation, 2011, 11, 775-785.	4.7	33
24	Modulation of immune responses following solid organ transplantation by microRNA. Experimental and Molecular Pathology, 2012, 93, 378-385.	2.1	30
25	Transient Suppression of TGFÎ² Receptor Signaling Facilitates Human Islet Transplantation. Endocrinology, 2016, 157, 1348-1356.	2.8	29
26	Protective role of bortezomib in steatotic liver ischemia/reperfusion injury through abrogation of MMP activation and YKL-40 expression. Transplant Immunology, 2014, 30, 93-98.	1.2	28
27	Donor Graft Steatosis Influences Immunity to Hepatitis C Virus and Allograft Outcome After Liver Transplantation. Transplantation, 2011, 92, 1259-1268.	1.0	27
28	Interleukin-1Î² is prominent in the early pulmonary inflammatory response after hepatic injury. Surgery, 2005, 138, 64-70.	1.9	26
29	Oleanolic Acid, a Plant Triterpenoid, Significantly Improves Survival and Function of Islet Allograft. Transplantation, 2009, 88, 987-994.	1.0	26
30	Synergistic effect of antibodies to human leukocyte antigens and defensins in pathogenesis of bronchiolitis obliterans syndrome after human lung transplantation. Journal of Heart and Lung Transplantation, 2010, 29, 1330-1336.	0.6	26
31	Novel In Vivo Murine Model to Study Islet Potency: Engraftment and Function. Transplantation, 2005, 79, 1627-1630.	1.0	24
32	Xenoreactive anti-GalÎ±(1,3)Gal antibodies prevent porcine endogenous retrovirus infection of human in vivo. Human Immunology, 2003, 64, 708-717.	2.4	22
33	An Obligatory Role for Lung Infiltrating B Cells in the Immunopathogenesis of Obliterative Airway Disease Induced by Antibodies to MHC Class I Molecules. American Journal of Transplantation, 2012, 12, 867-876.	4.7	20
34	Soluble CD30 levels as a diagnostic marker for bronchiolitis obliterans syndrome following human lung transplantation. Transplant Immunology, 2008, 18, 260-263.	1.2	19
35	ABOâ€incompatible organ transplantation. International Journal of Immunogenetics, 2012, 39, 282-290.	1.8	19
36	Interleukin-1Î² is the primary initiator of pulmonary inflammation following liver injury in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L491-L496.	2.9	18

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37	Mechanism of Accommodation in a Sensitized Human Leukocyte Antigen Transgenic Murine Cardiac Transplant Model. <i>Transplantation</i> , 2012, 93, 364-372.	1.0	17
38	Outcomes of Pancreatic Islet Allograft Transplantation Using the Edmonton Protocol at the University of Chicago. <i>Transplantation Direct</i> , 2016, 2, e105.	1.6	17
39	Natural Antibodies Prevent in Vivo Transmission of Porcine Islet-Derived Endogenous Retrovirus to Human Cells. <i>Cell Transplantation</i> , 2004, 13, 137-143.	2.5	15
40	Preservation of Beta Cell Function after Pancreatic Islet Autotransplantation: University of Chicago Experience. <i>American Surgeon</i> , 2015, 81, 421-427.	0.8	15
41	Boosting of SARS-CoV-2 immunity in nonhuman primates using an oral rhabdoviral vaccine. <i>Vaccine</i> , 2022, 40, 2342-2351.	3.8	14
42	HUMAN IMMUNE RESPONSES TO PORCINE ENDOGENOUS RETROVIRUS-DERIVED PEPTIDES PRESENTED NATURALLY IN THE CONTEXT OF PORCINE AND HUMAN MAJOR HISTOCOMPATIBILITY COMPLEX CLASS I MOLECULES: IMPLICATIONS IN XENOTRANSPLANTATION OF PORCINE ORGANS. <i>Transplantation</i> , 2004, 77, 1580-1588.	1.0	13
43	Critical Role for IL-17A/F in the Immunopathogenesis of Obliterative Airway Disease Induced by Anti-MHC I Antibodies. <i>Transplantation</i> , 2013, 95, 293-300.	1.0	13
44	B Cell-Activating Transcription Factor Plays a Critical Role in the Pathogenesis of Anti-Major Histocompatibility Complex-Induced Obliterative Airway Disease. <i>American Journal of Transplantation</i> , 2016, 16, 1173-1182.	4.7	9
45	Clinically available immunosuppression averts rejection but not systemic inflammation after porcine islet xenotransplant in cynomolgus macaques. <i>American Journal of Transplantation</i> , 2022, 22, 745-760.	4.7	9
46	The role of molecular chaperonins in warm ischemia and reperfusion injury in the steatotic liver: A proteomic study. <i>BMC Biochemistry</i> , 2012, 13, 17.	4.4	7
47	Serum cytokine profiles in healthy nonhuman primates are blunted by sedation and demonstrate sexual dimorphism as detected by a validated multiplex immunoassay. <i>Scientific Reports</i> , 2021, 11, 2340.	3.3	7
48	Complement Depletion Enhances Pulmonary Inflammatory Response After Liver Injury. <i>Journal of Gastrointestinal Surgery</i> , 2006, 10, 357-364.	1.7	5
49	Total Pancreatectomy with Islet Autotransplantation for the Ampullary Cancer. A Case Report. <i>Journal of Gastrointestinal Cancer</i> , 2019, 50, 543-547.	1.3	5
50	Noninvasive Fluorine-19 Magnetic Resonance Relaxometry Measurement of the Partial Pressure of Oxygen in Acellular Perfluorochemical-loaded Alginate Microcapsules Implanted in the Peritoneal Cavity of Nonhuman Primates. <i>Transplantation</i> , 2020, 104, 259-269.	1.0	3
51	Immune responses to self-antigens (autoimmunity) in allograft rejection. <i>Clinical Transplants</i> , 2012, , 261-72.	0.2	3
52	A nonhuman primate model of vertical sleeve gastrectomy facilitates mechanistic and translational research in human obesity. <i>IScience</i> , 2021, 24, 103421.	4.1	2
53	MicroRNA-144 is unlikely to play a role in bronchiolitis obliterans syndrome To the Editor:. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 543-544.	0.6	0