

Reza Abdi

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

4,070
citations

136950

32
h-index

128289

60
g-index

86
all docs

86
docs citations

86
times ranked

6578
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunomodulation by Mesenchymal Stem Cells. <i>Diabetes</i> , 2008, 57, 1759-1767.	0.6	445
2	Shattering barriers toward clinically meaningful MSC therapies. <i>Science Advances</i> , 2020, 6, eaba6884.	10.3	351
3	Acute and long-term disruption of glycometabolic control after SARS-CoV-2 infection. <i>Nature Metabolism</i> , 2021, 3, 774-785.	11.9	259
4	Sitagliptin Treatment at the Time of Hospitalization Was Associated With Reduced Mortality in Patients With Type 2 Diabetes and COVID-19: A Multicenter, Case-Control, Retrospective, Observational Study. <i>Diabetes Care</i> , 2020, 43, 2999-3006.	8.6	201
5	Local Immunomodulation Using an Adhesive Hydrogel Loaded with miRNA-Loaded Nanoparticles Promotes Wound Healing. <i>Small</i> , 2019, 15, e1902232.	10.0	197
6	Integrin-Mediated Interactions Control Macrophage Polarization in 3D Hydrogels. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700289.	7.6	169
7	T Regulatory Cells and Priming the Suppressive Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2019, 10, 2453.	4.8	156
8	Chemokine Receptor Polymorphism and Risk of Acute Rejection in Human Renal Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 754-758.	6.1	139
9	Integrated Kidney Exosome Analysis for the Detection of Kidney Transplant Rejection. <i>ACS Nano</i> , 2017, 11, 11041-11046.	14.6	106
10	Co-transplantation of autologous MSCs delays islet allograft rejection and generates a local immunoprivileged site. <i>Acta Diabetologica</i> , 2015, 52, 917-927.	2.5	87
11	Angiotensin II Receptor Blocker-Associated Angioedema: On the Heels of ACE Inhibitor Angioedema. <i>Pharmacotherapy</i> , 2002, 22, 1173-1175.	2.6	85
12	The Role of CC Chemokine Receptor 5 (CCR5) in Islet Allograft Rejection. <i>Diabetes</i> , 2002, 51, 2489-2495.	0.6	82
13	Interleukin-10+ Regulatory B Cells Arise Within Antigen-Experienced CD40+ B Cells to Maintain Tolerance to Islet Autoantigens. <i>Diabetes</i> , 2015, 64, 158-171.	0.6	80
14	Differential Role of CCR2 in Islet and Heart Allograft Rejection: Tissue Specificity of Chemokine/Chemokine Receptor Function In Vivo. <i>Journal of Immunology</i> , 2004, 172, 767-775.	0.8	74
15	Targeted Delivery of Immunomodulators to Lymph Nodes. <i>Cell Reports</i> , 2016, 15, 1202-1213.	6.4	73
16	Targeted delivery of immune therapeutics to lymph nodes prolongs cardiac allograft survival. <i>Journal of Clinical Investigation</i> , 2018, 128, 4770-4786.	8.2	59
17	Correlation Between Glomerular Size and Long-Term Renal Function in Patients with Substantial Loss of Renal Mass. <i>Journal of Urology</i> , 2003, 170, 42-44.	0.4	56
18	Direct Tumor Killing and Immunotherapy through Anti-SerpineB9 Therapy. <i>Cell</i> , 2020, 183, 1219-1233.e18.	28.9	54

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19	Intranasal versus Intraperitoneal Delivery of Human Umbilical Cord Tissueâ€‘Derived Cultured Mesenchymal Stromal Cells in a Murine Model of Neonatal Lung Injury. <i>American Journal of Pathology</i> , 2014, 184, 3344-3358.	3.8	53
20	ABCB5 Identifies Immunoregulatory Dermal Cells. <i>Cell Reports</i> , 2015, 12, 1564-1574.	6.4	51
21	The rise, fall, and resurgence of immunotherapy in type 1 diabetes. <i>Pharmacological Research</i> , 2015, 98, 31-38.	7.1	49
22	Targeting antigen-presenting cells by antiâ€‘PD-1 nanoparticles augments antitumor immunity. <i>JCI Insight</i> , 2018, 3, .	5.0	48
23	Salt Accelerates Allograft Rejection through Serum- and Glucocorticoid-Regulated Kinase-1â€‘Dependent Inhibition of Regulatory T Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2341-2347.	6.1	43
24	Ischemia augments alloimmune injury through IL-6-driven CD4+ alloreactivity. <i>Scientific Reports</i> , 2018, 8, 2461.	3.3	42
25	Immunosuppressive Activity of Size-Controlled PEG-PLGA Nanoparticles Containing Encapsulated Cyclosporine A. <i>Journal of Transplantation</i> , 2012, 2012, 1-9.	0.5	41
26	Anti-IL-6 eluting immunomodulatory biomaterials prolong skin allograft survival. <i>Scientific Reports</i> , 2019, 9, 6535.	3.3	39
27	Impact of Thrombotic Microangiopathy on Renal Outcomes and Survival after Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 2344-2353.	2.0	37
28	Lymph node fibroblastic reticular cells steer immune responses. <i>Trends in Immunology</i> , 2021, 42, 723-734.	6.8	37
29	Association of Cold Ischemia Time With Acute Renal Transplant Rejection. <i>Transplantation</i> , 2018, 102, 1188-1194.	1.0	36
30	Role of lymph node stroma and microenvironment in T cell tolerance. <i>Immunological Reviews</i> , 2019, 292, 9-23.	6.0	36
31	Ischemic Injury Enhances Dendritic Cell Immunogenicity via TLR4 and NF-Î²B Activation. <i>Journal of Immunology</i> , 2010, 184, 2939-2948.	0.8	35
32	CD11c ⁺ Dendritic Cells Accelerate the Rejection of Older Cardiac Transplants via Interleukin-17A. <i>Circulation</i> , 2015, 132, 122-131.	1.6	35
33	Interplay of immune and kidney resident cells in the formation of tertiary lymphoid structures in lupus nephritis. <i>Autoimmunity Reviews</i> , 2021, 20, 102980.	5.8	35
34	Chemokines in islet allograft rejection. <i>Diabetes/Metabolism Research and Reviews</i> , 2003, 19, 186-190.	4.0	34
35	HCELL Expression on Murine MSC Licenses Pancreatotropism and Confers Durable Reversal of Autoimmune Diabetes in NOD Mice. <i>Stem Cells</i> , 2015, 33, 1523-1531.	3.2	33
36	Human regulatory T cells undergo self-inflicted damage via granzyme pathways upon activation. <i>JCI Insight</i> , 2017, 2, .	5.0	31

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37	P2X7R mutation disrupts the NLRP3-mediated Th program and predicts poor cardiac allograft outcomes. <i>Journal of Clinical Investigation</i> , 2018, 128, 3490-3503.	8.2	31
38	Repetitive ischemic injuries to the kidneys result in lymph node fibrosis and impaired healing. <i>JCI Insight</i> , 2018, 3, .	5.0	29
39	CTLA4-Ig (abatacept): a promising investigational drug for use in type 1 diabetes. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 221-236.	4.1	27
40	Regulatory T Cells Condition Lymphatic Endothelia for Enhanced Transendothelial Migration. <i>Cell Reports</i> , 2020, 30, 1052-1062.e5.	6.4	27
41	The mechanisms of up-regulation of dendritic cell activity by oxidative stress. <i>Journal of Leukocyte Biology</i> , 2014, 96, 283-293.	3.3	26
42	Differential Regulation of T-cell Immunity and Tolerance by Stromal Laminin Expressed in the Lymph Node. <i>Transplantation</i> , 2019, 103, 2075-2089.	1.0	26
43	Activation of fibroblastic reticular cells in kidney lymph node during crescentic glomerulonephritis. <i>Kidney International</i> , 2019, 95, 310-320.	5.2	26
44	Simultaneous targeting of primary tumor, draining lymph node, and distant metastases through high endothelial venule-targeted delivery. <i>Nano Today</i> , 2021, 36, 101045.	11.9	24
45	March1-dependent modulation of donor MHC II on CD103+ dendritic cells mitigates alloimmunity. <i>Nature Communications</i> , 2018, 9, 3482.	12.8	22
46	Nanodelivery of Mycophenolate Mofetil to the Organ Improves Transplant Vasculopathy. <i>ACS Nano</i> , 2019, 13, 12393-12407.	14.6	21
47	Recipient sex and estradiol levels affect transplant outcomes in an age-specific fashion. <i>American Journal of Transplantation</i> , 2021, 21, 3239-3255.	4.7	21
48	The lymph node stromal laminin $\hat{1}\pm 5$ shapes alloimmunity. <i>Journal of Clinical Investigation</i> , 2020, 130, 2602-2619.	8.2	21
49	Indirect and Direct Effects of SARS-CoV-2 on Human Pancreatic Islets. <i>Diabetes</i> , 2022, 71, 1579-1590.	0.6	21
50	CD38 reduces mitochondrial fitness and cytotoxic T cell response against viral infection in lupus patients by suppressing mitophagy. <i>Science Advances</i> , 2022, 8, .	10.3	21
51	Ectopic high endothelial venules in pancreatic ductal adenocarcinoma: A unique site for targeted delivery. <i>EBioMedicine</i> , 2018, 38, 79-88.	6.1	20
52	Prediction of absolute risk of acute graft-versus-host disease following hematopoietic cell transplantation. <i>PLoS ONE</i> , 2018, 13, e0190610.	2.5	20
53	Novel immunological strategies for islet transplantation. <i>Pharmacological Research</i> , 2015, 98, 69-75.	7.1	19
54	Selective trafficking of light chain-conjugated nanoparticles to the kidney and renal cell carcinoma. <i>Nano Today</i> , 2020, 35, 100990.	11.9	16

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55	Targeting age-specific changes in CD4 ⁺ T cell metabolism ameliorates alloimmune responses and prolongs graft survival. <i>Aging Cell</i> , 2021, 20, e13299.	6.7	16
56	Complement activation and increased expression of Syk, mucin-1 and CaMK4 in kidneys of patients with COVID-19. <i>Clinical Immunology</i> , 2021, 229, 108795.	3.2	16
57	Lymph node fibroblastic reticular cells deposit fibrosis-associated collagen following organ transplantation. <i>Journal of Clinical Investigation</i> , 2020, 130, 4182-4194.	8.2	16
58	The IGFBP3/TMEM219 pathway regulates beta cell homeostasis. <i>Nature Communications</i> , 2022, 13, 684.	12.8	16
59	miR-21 antagonism reprograms macrophage metabolism and abrogates chronic allograft vasculopathy. <i>American Journal of Transplantation</i> , 2021, 21, 3280-3295.	4.7	14
60	Active targeted delivery of immune therapeutics to lymph nodes. <i>Current Opinion in Organ Transplantation</i> , 2018, 23, 8-14.	1.6	13
61	Rapamycin Prolongs Graft Survival and Induces CD4 ⁺ IFN- γ ⁺ IL-10 ⁺ Regulatory Type 1 Cells in Old Recipient Mice. <i>Transplantation</i> , 2018, 102, 59-69.	1.0	13
62	Immune cells surveil aberrantly sialylated <i>O</i> -glycans on megakaryocytes to regulate platelet count. <i>Blood</i> , 2021, 138, 2408-2424.	1.4	12
63	Intra-Organ Delivery of Nanotherapeutics for Organ Transplantation. <i>ACS Nano</i> , 2021, 15, 17124-17136.	14.6	12
64	Impact of renin angiotensin system blockade on renal function in health and disease: an end or a beginning?. <i>Seminars in Nephrology</i> , 2004, 24, 141-146.	1.6	11
65	Target receptor identification and subsequent treatment of resected brain tumors with encapsulated and engineered allogeneic stem cells. <i>Nature Communications</i> , 2022, 13, 2810.	12.8	10
66	Analysis of a Genetic Polymorphism in the Costimulatory Molecule TNFSF4 with Hematopoietic Stem Cell Transplant Outcomes. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, 27-36.	2.0	9
67	Restored TDCA and valine levels imitate the effects of bariatric surgery. <i>ELife</i> , 2021, 10, .	6.0	9
68	Urine podoplanin heralds the onset of ischemia-reperfusion injury of the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F957-F965.	2.7	7
69	Regulatory B Cells in Autoimmune Diabetes. <i>Journal of Immunology</i> , 2021, 206, 1117-1125.	0.8	6
70	ACTH treatment promotes murine cardiac allograft acceptance. <i>JCI Insight</i> , 2021, 6, .	5.0	6
71	Live Images of Donor Dendritic Cells Trafficking via CX3CR1 Pathway. <i>Frontiers in Immunology</i> , 2016, 7, 412.	4.8	5
72	PI3K δ Deficient NOD-Mice Are Protected from Diabetes by Restoring the Balance of Regulatory to Effector-T-Cells. <i>PLoS ONE</i> , 2017, 12, e0169695.	2.5	5

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73	Immune heterogeneity of head and tail pancreatic lymph nodes in non-obese diabetic mice. <i>Scientific Reports</i> , 2019, 9, 9778.	3.3	5
74	Characterization of Leptin Receptor+ Stromal Cells in Lymph Node. <i>Frontiers in Immunology</i> , 2021, 12, 730438.	4.8	3
75	Clathrin light chain-conjugated drug delivery for cancer. <i>Bioengineering and Translational Medicine</i> , 2023, 8, e10273.	7.1	2
76	Kidney-Draining Lymph Node Fibrosis Following Unilateral Ureteral Obstruction. <i>Frontiers in Immunology</i> , 2021, 12, 768412.	4.8	2
77	What's hot, what's new: Report from the American Transplant Congress 2018. <i>American Journal of Transplantation</i> , 2018, 18, 2857-2868.	4.7	1
78	First Report of Perfluorobutane Microsphere-Enhanced Ultrasound in the Transplant Kidney. <i>Transplantation</i> , 2019, 103, e283-e284.	1.0	1
79	Plasmacytoid Dendritic Cells Surveil Megakaryocyte Sialic Acid to Regulate Thrombopoiesis. <i>Blood</i> , 2020, 136, 12-13.	1.4	1
80	The inception and formation of the theory of hyperfiltration through the ages. <i>Iranian Journal of Kidney Diseases</i> , 2012, 6, 94-7.	0.1	1
81	Immuno-evasion rather than intrinsic oncogenicity may confer MSCs from non-obese diabetic mice the ability to generate neural tumors. <i>Acta Diabetologica</i> , 2017, 54, 707-712.	2.5	0
82	Imaging-Guided Targeted Drug Delivery using Stimuli-Sensitive Theranostic Nanoparticles: Characterization and In Vivo Trafficking Patterns. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
83	The emerging role of the GPR109A (HCA2/PUMA) receptor in regulating macrophage function. <i>FASEB Journal</i> , 2013, 27, 649.4.	0.5	0
84	Recognition of Megakaryocyte-Specific T-Antigen By Macrophages Negatively Regulates Platelet Production in Bone Marrow. <i>Blood</i> , 2015, 126, 420-420.	1.4	0