

# Reza Abdi

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

4,070  
citations

156536

32  
h-index

145109

60  
g-index

86  
all docs

86  
docs citations

86  
times ranked

7092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clathrin light chain-conjugated drug delivery for cancer. Bioengineering and Translational Medicine, 2023, 8, e10273.	3.9	2
2	The IGFBP3/TMEM219 pathway regulates beta cell homeostasis. Nature Communications, 2022, 13, 684.	5.8	16
3	Indirect and Direct Effects of SARS-CoV-2 on Human Pancreatic Islets. Diabetes, 2022, 71, 1579-1590.	0.3	21
4	Target receptor identification and subsequent treatment of resected brain tumors with encapsulated and engineered allogeneic stem cells. Nature Communications, 2022, 13, 2810.	5.8	10
5	CD38 reduces mitochondrial fitness and cytotoxic T cell response against viral infection in lupus patients by suppressing mitophagy. Science Advances, 2022, 8, .	4.7	21
6	Simultaneous targeting of primary tumor, draining lymph node, and distant metastases through high endothelial venule-targeted delivery. Nano Today, 2021, 36, 101045.	6.2	24
7	Targeting age-specific changes in CD4 <sup>+</sup> T cell metabolism ameliorates alloimmune responses and prolongs graft survival. Aging Cell, 2021, 20, e13299.	3.0	16
8	Regulatory B Cells in Autoimmune Diabetes. Journal of Immunology, 2021, 206, 1117-1125.	0.4	6
9	Imaging-Guided Targeted Drug Delivery using Stimuli-Sensitive Theranostic Nanoparticles: Characterization and In Vivo Trafficking Patterns. FASEB Journal, 2021, 35, .	0.2	0
10	Acute and long-term disruption of glycometabolic control after SARS-CoV-2 infection. Nature Metabolism, 2021, 3, 774-785.	5.1	259
11	miR-21 antagonism reprograms macrophage metabolism and abrogates chronic allograft vasculopathy. American Journal of Transplantation, 2021, 21, 3280-3295.	2.6	14
12	Restored TDCA and valine levels imitate the effects of bariatric surgery. ELife, 2021, 10, .	2.8	9
13	Recipient sex and estradiol levels affect transplant outcomes in an age-specific fashion. American Journal of Transplantation, 2021, 21, 3239-3255.	2.6	21
14	Immune cells surveil aberrantly sialylated O-glycans on megakaryocytes to regulate platelet count. Blood, 2021, 138, 2408-2424.	0.6	12
15	ACTH treatment promotes murine cardiac allograft acceptance. JCI Insight, 2021, 6, .	2.3	6
16	Complement activation and increased expression of Syk, mucin-1 and CaMK4 in kidneys of patients with COVID-19. Clinical Immunology, 2021, 229, 108795.	1.4	16
17	Lymph node fibroblastic reticular cells steer immune responses. Trends in Immunology, 2021, 42, 723-734.	2.9	37
18	Interplay of immune and kidney resident cells in the formation of tertiary lymphoid structures in lupus nephritis. Autoimmunity Reviews, 2021, 20, 102980.	2.5	35

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19	Intra-Organ Delivery of Nanotherapeutics for Organ Transplantation. <i>ACS Nano</i> , 2021, 15, 17124-17136.	7.3	12
20	Characterization of Leptin Receptor+ Stromal Cells in Lymph Node. <i>Frontiers in Immunology</i> , 2021, 12, 730438.	2.2	3
21	Kidney-Draining Lymph Node Fibrosis Following Unilateral Ureteral Obstruction. <i>Frontiers in Immunology</i> , 2021, 12, 768412.	2.2	2
22	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.	4.3	201
23	Direct Tumor Killing and Immunotherapy through Anti-SerpinB9 Therapy. <i>Cell</i> , 2020, 183, 1219-1233.e18.	13.5	54
24	Shattering barriers toward clinically meaningful MSC therapies. <i>Science Advances</i> , 2020, 6, eaba6884.	4.7	351
25	Selective trafficking of light chain-conjugated nanoparticles to the kidney and renal cell carcinoma. <i>Nano Today</i> , 2020, 35, 100990.	6.2	16
26	CTLA4-Ig (abatacept): a promising investigational drug for use in type 1 diabetes. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 221-236.	1.9	27
27	Regulatory T Cells Condition Lymphatic Endothelia for Enhanced Transendothelial Migration. <i>Cell Reports</i> , 2020, 30, 1052-1062.e5.	2.9	27
28	The lymph node stromal laminin $\hat{1}\pm 5$ shapes alloimmunity. <i>Journal of Clinical Investigation</i> , 2020, 130, 2602-2619.	3.9	21
29	Lymph node fibroblastic reticular cells deposit fibrosis-associated collagen following organ transplantation. <i>Journal of Clinical Investigation</i> , 2020, 130, 4182-4194.	3.9	16
30	Plasmacytoid Dendritic Cells Surveil Megakaryocyte Sialic Acid to Regulate Thrombopoiesis. <i>Blood</i> , 2020, 136, 12-13.	0.6	1
31	Immune heterogeneity of head and tail pancreatic lymph nodes in non-obese diabetic mice. <i>Scientific Reports</i> , 2019, 9, 9778.	1.6	5
32	Local Immunomodulation Using an Adhesive Hydrogel Loaded with miRNA $\hat{1}$ -laden Nanoparticles Promotes Wound Healing. <i>Small</i> , 2019, 15, e1902232.	5.2	197
33	T Regulatory Cells and Priming the Suppressive Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2019, 10, 2453.	2.2	156
34	Role of lymph node stroma and microenvironment in T cell tolerance. <i>Immunological Reviews</i> , 2019, 292, 9-23.	2.8	36
35	Nanodelivery of Mycophenolate Mofetil to the Organ Improves Transplant Vasculopathy. <i>ACS Nano</i> , 2019, 13, 12393-12407.	7.3	21
36	Anti-IL-6 eluting immunomodulatory biomaterials prolong skin allograft survival. <i>Scientific Reports</i> , 2019, 9, 6535.	1.6	39

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37	Urine podoplanin heralds the onset of ischemia-reperfusion injury of the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F957-F965.	1.3	7
38	Differential Regulation of T-cell Immunity and Tolerance by Stromal Laminin Expressed in the Lymph Node. <i>Transplantation</i> , 2019, 103, 2075-2089.	0.5	26
39	First Report of Perfluorobutane Microsphere-Enhanced Ultrasound in the Transplant Kidney. <i>Transplantation</i> , 2019, 103, e283-e284.	0.5	1
40	Activation of fibroblastic reticular cells in kidney lymph node during crescentic glomerulonephritis. <i>Kidney International</i> , 2019, 95, 310-320.	2.6	26
41	Ischemia augments alloimmune injury through IL-6-driven CD4+ alloreactivity. <i>Scientific Reports</i> , 2018, 8, 2461.	1.6	42
42	Association of Cold Ischemia Time With Acute Renal Transplant Rejection. <i>Transplantation</i> , 2018, 102, 1188-1194.	0.5	36
43	Active targeted delivery of immune therapeutics to lymph nodes. <i>Current Opinion in Organ Transplantation</i> , 2018, 23, 8-14.	0.8	13
44	Rapamycin Prolongs Graft Survival and Induces CD4+IFN- $\gamma$ +IL-10+ Regulatory Type 1 Cells in Old Recipient Mice. <i>Transplantation</i> , 2018, 102, 59-69.	0.5	13
45	Ectopic high endothelial venules in pancreatic ductal adenocarcinoma: A unique site for targeted delivery. <i>EBioMedicine</i> , 2018, 38, 79-88.	2.7	20
46	What's hot, what's new: Report from the American Transplant Congress 2018. <i>American Journal of Transplantation</i> , 2018, 18, 2857-2868.	2.6	1
47	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
48	March1-dependent modulation of donor MHC II on CD103+ dendritic cells mitigates alloimmunity. <i>Nature Communications</i> , 2018, 9, 3482.	5.8	22
49	Prediction of absolute risk of acute graft-versus-host disease following hematopoietic cell transplantation. <i>PLoS ONE</i> , 2018, 13, e0190610.	1.1	20
50	Repetitive ischemic injuries to the kidneys result in lymph node fibrosis and impaired healing. <i>JCI Insight</i> , 2018, 3, .	2.3	29
51	Targeting antigen-presenting cells by anti-PD-1 nanoparticles augments antitumor immunity. <i>JCI Insight</i> , 2018, 3, .	2.3	48
52	Targeted delivery of immune therapeutics to lymph nodes prolongs cardiac allograft survival. <i>Journal of Clinical Investigation</i> , 2018, 128, 4770-4786.	3.9	59
53	P2X7R mutation disrupts the NLRP3-mediated Th program and predicts poor cardiac allograft outcomes. <i>Journal of Clinical Investigation</i> , 2018, 128, 3490-3503.	3.9	31
54	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.	1.2	0

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55	Integrated Kidney Exosome Analysis for the Detection of Kidney Transplant Rejection. ACS Nano, 2017, 11, 11041-11046.	7.3	106
56	Integrin $\alpha$ 6-Mediated Interactions Control Macrophage Polarization in 3D Hydrogels. Advanced Healthcare Materials, 2017, 6, 1700289.	3.9	169
57	PI3K $\delta$ Deficient NOD-Mice Are Protected from Diabetes by Restoring the Balance of Regulatory to Effector-T-Cells. PLoS ONE, 2017, 12, e0169695.	1.1	5
58	Human regulatory T cells undergo self-inflicted damage via granzyme pathways upon activation. JCI Insight, 2017, 2, .	2.3	31
59	Live Images of Donor Dendritic Cells Trafficking via CX3CR1 Pathway. Frontiers in Immunology, 2016, 7, 412.	2.2	5
60	Targeted Delivery of Immunomodulators to Lymph Nodes. Cell Reports, 2016, 15, 1202-1213.	2.9	73
61	Analysis of a Genetic Polymorphism in the Costimulatory Molecule TNFSF4 with Hematopoietic Stem Cell Transplant Outcomes. Biology of Blood and Marrow Transplantation, 2016, 22, 27-36.	2.0	9
62	ABCB5 Identifies Immunoregulatory Dermal Cells. Cell Reports, 2015, 12, 1564-1574.	2.9	51
63	HCELL Expression on Murine MSC Licenses Pancreatotropism and Confers Durable Reversal of Autoimmune Diabetes in NOD Mice. Stem Cells, 2015, 33, 1523-1531.	1.4	33
64	CD11c <sup>+</sup> Dendritic Cells Accelerate the Rejection of Older Cardiac Transplants via Interleukin-17A. Circulation, 2015, 132, 122-131.	1.6	35
65	Co-transplantation of autologous MSCs delays islet allograft rejection and generates a local immunoprivileged site. Acta Diabetologica, 2015, 52, 917-927.	1.2	87
66	Salt Accelerates Allograft Rejection through Serum- and Glucocorticoid-Regulated Kinase-1 $\alpha$ -Dependent Inhibition of Regulatory T Cells. Journal of the American Society of Nephrology: JASN, 2015, 26, 2341-2347.	3.0	43
67	The rise, fall, and resurgence of immunotherapy in type 1 diabetes. Pharmacological Research, 2015, 98, 31-38.	3.1	49
68	Interleukin-10 <sup>+</sup> Regulatory B Cells Arise Within Antigen-Experienced CD40 <sup>+</sup> B Cells to Maintain Tolerance to Islet Autoantigens. Diabetes, 2015, 64, 158-171.	0.3	80
69	Novel immunological strategies for islet transplantation. Pharmacological Research, 2015, 98, 69-75.	3.1	19
70	Recognition of Megakaryocyte-Specific T-Antigen By Macrophages Negatively Regulates Platelet Production in Bone Marrow. Blood, 2015, 126, 420-420.	0.6	0
71	Intranasal versus Intraperitoneal Delivery of Human Umbilical Cord Tissue-Derived Cultured Mesenchymal Stromal Cells in a Murine Model of Neonatal Lung Injury. American Journal of Pathology, 2014, 184, 3344-3358.	1.9	53
72	The mechanisms of up-regulation of dendritic cell activity by oxidative stress. Journal of Leukocyte Biology, 2014, 96, 283-293.	1.5	26

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73	The emerging role of the GPR109A (HCA2/PUMAâ€œ) receptor in regulating macrophage function. <i>FASEB Journal</i> , 2013, 27, 649.4.	0.2	0
74	Immunosuppressive Activity of Size-Controlled PEG-PLGA Nanoparticles Containing Encapsulated Cyclosporine A. <i>Journal of Transplantation</i> , 2012, 2012, 1-9.	0.3	41
75	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
76	Ischemic Injury Enhances Dendritic Cell Immunogenicity via TLR4 and NF-Î²B Activation. <i>Journal of Immunology</i> , 2010, 184, 2939-2948.	0.4	35
77	Immunomodulation by Mesenchymal Stem Cells. <i>Diabetes</i> , 2008, 57, 1759-1767.	0.3	445
78	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.	0.4	74
79	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.	0.6	11
80	Chemokines in islet allograft rejection. <i>Diabetes/Metabolism Research and Reviews</i> , 2003, 19, 186-190.	1.7	34
81	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.	0.2	56
82	The Role of CC Chemokine Receptor 5 (CCR5) in Islet Allograft Rejection. <i>Diabetes</i> , 2002, 51, 2489-2495.	0.3	82
83	Angiotensin II Receptor Blockerâ€œAssociated Angioedema: On the Heels of ACE Inhibitor Angioedema. <i>Pharmacotherapy</i> , 2002, 22, 1173-1175.	1.2	85
84	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.	3.0	139