Ali Naji

List of Publications by Year in Descending Order

90 papers	6,421 citations	35 h-index	80 g-index
97 ext. papers	8,030 ext. citations	13.4 avg, IF	5.28 L-index

#	Paper	IF	Citations
90	Germinal center responses to SARS-CoV-2 mRNA vaccines in healthy and immunocompromised individuals.. *Cell*, **2022**,	56.2	17
89	Single-cell multi-omics analysis of human pancreatic islets reveals novel cellular states in type 1 diabetes.. *Nature Metabolism*, **2022**, 4, 284-299	14.6	2
88	Trafficking and persistence of alloantigen-specific chimeric antigen receptor regulatory T cells in Cynomolgus macaque.. *Cell Reports Medicine*, **2022**, 3, 100614	18	0
87	Adoptive Immune Responses to Sars-Cov2 Vaccination in CART19 Treated Patients. *Blood*, **2021**, 138, 1757-1757	2.2	0
86	SARS-CoV-2 Spike-Specific T-Cell Responses in Patients With B-Cell Depletion Who Received Chimeric Antigen Receptor T-Cell Treatments. *JAMA Oncology*, **2021**,	13.4	5
85	Menin-regulated Pbk controls high fat diet-induced compensatory beta cell proliferation. *EMBO Molecular Medicine*, **2021**, 13, e13524	12	2
84	A nanofibrous encapsulation device for safe delivery of insulin-producing cells to treat type 1 diabetes. *Science Translational Medicine*, **2021**, 13,	17.5	15
83	Reciprocal Learning Between Military and Civilian Surgeons: Past and Future Paths for Medical Innovation. *Annals of Surgery*, **2021**, 274, e460-e464	7.8	1
82	Phase 3 trial of human islet-after-kidney transplantation in type 1 diabetes. *American Journal of Transplantation*, **2021**, 21, 1477-1492	8.7	23
81	Norovirus-Specific CD8 T Cell Responses in Human Blood and Tissues. *Cellular and Molecular Gastroenterology and Hepatology*, **2021**, 11, 1267-1289	7.9	1
80	Exome-wide evaluation of rare coding variants using electronic health records identifies new gene-phenotype associations. *Nature Medicine*, **2021**, 27, 66-72	50.5	11
79	TCR/BCR dual-expressing cells and their associated public BCR clonotype are not enriched in type 1 diabetes. *Cell*, **2021**, 184, 827-839.e14	56.2	5
78	Ex-Vivo Repair of Complex Hilar Renal Artery Aneurysms and Auto-Transplantation of Solitary Kidney. *Annals of Vascular Surgery*, **2021**, 74, 523.e9-523.e13	1.7	
77	SARS-CoV-2 infection induces beta cell transdifferentiation. *Cell Metabolism*, **2021**, 33, 1577-1591.e7	24.6	42
76	Gene Signatures of NEUROGENIN3+ Endocrine Progenitor Cells in the Human Pancreas. *Frontiers in Endocrinology*, **2021**, 12, 736286	5.7	1
75	BLyS neutralization results in selective anti-HLA alloantibody depletion without successful desensitization. *Transplant Immunology*, **2021**, 69, 101465	1.7	1
74	Response to letters concerning: "Kidney transplantation and donation in the transgender population: A single-institution case series". *American Journal of Transplantation*, **2020**, 20, 3695-3696	8.7	

73	The Identity of Human Tissue-Emigrant CD8 T Cells. *Cell*, **2020**, 183, 1946-1961.e15	56.2	25
72	Kidney transplantation and donation in the transgender population: A single-institution case series. *American Journal of Transplantation*, **2020**, 20, 2899-2904	8.7	6
71	The Transcription Factor T-bet Resolves Memory B Cell Subsets with Distinct Tissue Distributions and Antibody Specificities in Mice and Humans. *Immunity*, **2020**, 52, 842-855.e6	32.3	64
70	Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 1.4 million participants in a multi-ancestry meta-analysis. *Nature Genetics*, **2020**, 52, 680-691	36.3	140
69	A Human Pluripotent Stem Cell-based Platform to Study SARS-CoV-2 Tropism and Model Virus Infection in Human Cells and Organoids. *Cell Stem Cell*, **2020**, 27, 125-136.e7	18	338
68	Novel therapeutic opportunities afforded by plasma cell biology in transplantation. *American Journal of Transplantation*, **2020**, 20, 1984-1991	8.7	6
67	Robust, 3-Dimensional Visualization of Human Colon Enteric Nervous System Without Tissue Sectioning. *Gastroenterology*, **2020**, 158, 2221-2235.e5	13.3	20
66	Genetic Variation in Type 1 Diabetes Reconfigures the 3D Chromatin Organization of T Cells and Alters Gene Expression. *Immunity*, **2020**, 52, 257-274.e11	32.3	26
65	Sel1L-Hrd1 ER-associated degradation maintains β cell identity via TGF-β signaling. *Journal of Clinical Investigation*, **2020**, 130, 3499-3510	15.9	14
64	Use of Dietary Supplements in Living Kidney Donors: A Critical Review. *American Journal of Kidney Diseases*, **2020**, 76, 851-860	7.4	1
63	Dietary Supplement Use in Live Kidney Donors and Recipients. *Transplant Research and Risk Management*, **2020**, Volume 12, 9-14	1.1	
62	Single-cell transcriptomics of human islet ontogeny defines the molecular basis of β cell dedifferentiation in T2D. *Molecular Metabolism*, **2020**, 42, 101057	8.8	21
61	Islet transplantation in the subcutaneous space achieves long-term euglycaemia in preclinical models of type 1 diabetes. *Nature Metabolism*, **2020**, 2, 1013-1020	14.6	29
60	Mapping the Lineage Relationship between CXCR5 and CXCR5 CD4 T Cells in HIV-Infected Human Lymph Nodes. *Cell Reports*, **2019**, 28, 3047-3060.e7	10.6	9
59	Multiplexed In Situ Imaging Mass Cytometry Analysis of the Human Endocrine Pancreas and Immune System in Type 1 Diabetes. *Cell Metabolism*, **2019**, 29, 769-783.e4	24.6	96
58	Detection of lung transplant rejection in a rat model using hyperpolarized [1- C] pyruvate-based metabolic imaging. *NMR in Biomedicine*, **2019**, 32, e4107	4.4	7
57	NIH Initiative to Improve Understanding of the Pancreas, Islet, and Autoimmunity in Type 1 Diabetes: The Human Pancreas Analysis Program (HPAP). *Diabetes*, **2019**, 68, 1394-1402	0.9	31
56	Toll-like receptors TLR2 and TLR4 block the replication of pancreatic β cells in diet-induced obesity. *Nature Immunology*, **2019**, 20, 677-686	19.1	30

55	T follicular helper cells in human efferent lymph retain lymphoid characteristics. *Journal of Clinical Investigation*, **2019**, 129, 3185-3200	15.9	78
54	Noninvasive diagnosis of recurrent autoimmune type 1 diabetes after islet cell transplantation. *American Journal of Transplantation*, **2019**, 19, 1852-1858	8.7	14
53	Elite control of HIV is associated with distinct functional and transcriptional signatures in lymphoid tissue CD8 T cells. *Science Translational Medicine*, **2019**, 11,	17.5	37
52	Donor tissue-specific exosome profiling enables noninvasive monitoring of acute rejection in mouse allogeneic heart transplantation. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 155, 2479-2489	5.5	20
51	Safety and Feasibility of Outpatient Rabbit Antithymocyte Globulin Induction Therapy Administration in Kidney Transplant Recipients. *Pharmacotherapy*, **2018**, 38, 620-627	5.8	2
50	Twelve-Month Outcomes After Transplant of Hepatitis C-Infected Kidneys Into Uninfected Recipients: A Single-Group Trial. *Annals of Internal Medicine*, **2018**, 169, 273-281	8	139
49	Discovery of a drug candidate for GLIS3-associated diabetes. *Nature Communications*, **2018**, 9, 2681	17.4	28
48	Report of the Key Opinion Leaders Meeting on Stem Cell-derived Beta Cells. *Transplantation*, **2018**, 102, 1223-1229	1.8	47
47	Identification and characterization of HIV-specific resident memory CD8 T cells in human lymphoid tissue. *Science Immunology*, **2018**, 3,	28	82
46	Limited immune surveillance in lymphoid tissue by cytolytic CD4+ T cells during health and HIV disease. *PLoS Pathogens*, **2018**, 14, e1006973	7.6	23
45	Perturbed CD8 T cell TIGIT/CD226/PVR axis despite early initiation of antiretroviral treatment in HIV infected individuals. *Scientific Reports*, **2017**, 7, 40354	4.9	42
44	Skin-derived TSLP systemically expands regulatory T cells. *Journal of Autoimmunity*, **2017**, 79, 39-52	15.5	12
43	Menin and PRMT5 suppress GLP1 receptor transcript and PKA-mediated phosphorylation of FOXO1 and CREB. *American Journal of Physiology - Endocrinology and Metabolism*, **2017**, 313, E148-E166	6	17
42	Functional and Metabolomic Consequences of K Channel Inactivation in Human Islets. *Diabetes*, **2017**, 66, 1901-1913	0.9	28
41	Circulating B cells in type 1 diabetics exhibit fewer maturation-associated phenotypes. *Clinical Immunology*, **2017**, 183, 336-343	9	13
40	Inhibition of cholinergic potentiation of insulin secretion from pancreatic islets by chronic elevation of glucose and fatty acids: Protection by casein kinase 2 inhibitor. *Molecular Metabolism*, **2017**, 6, 1240-1253	8.8	11
39	HIV-Specific CD8 T Cells Exhibit Reduced and Differentially Regulated Cytolytic Activity in Lymphoid Tissue. *Cell Reports*, **2017**, 21, 3458-3470	10.6	54
38	Tissue-specific exosome biomarkers for noninvasively monitoring immunologic rejection of transplanted tissue. *Journal of Clinical Investigation*, **2017**, 127, 1375-1391	15.9	85

37	Long-Term Improvement in Glucose Control and Counterregulation by Islet Transplantation for Type 1 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 4421-4430	5.6	36
36	Analysis of self-antigen specificity of islet-infiltrating T cells from human donors with type 1 diabetes. *Nature Medicine*, **2016**, 22, 1482-1487	50.5	178
35	Single-Cell Transcriptomics of the Human Endocrine Pancreas. *Diabetes*, **2016**, 65, 3028-38	0.9	223
34	Integration of ATAC-seq and RNA-seq identifies human alpha cell and beta cell signature genes. *Molecular Metabolism*, **2016**, 5, 233-244	8.8	139
33	Pancreas Transplantation in the Modern Era. *Gastroenterology Clinics of North America*, **2016**, 45, 145-66	4.4	32
32	Activation of GPR119 Stimulates Human Cell Replication and Neogenesis in Humanized Mice with Functional Human Islets. *Journal of Diabetes Research*, **2016**, 2016, 1620821	3.9	11
31	TGF- promotes acinar to ductal metaplasia of human pancreatic acinar cells. *Scientific Reports*, **2016**, 6, 30904	4.9	29
30	Phase 3 Trial of Transplantation of Human Islets in Type 1 Diabetes Complicated by Severe Hypoglycemia. *Diabetes Care*, **2016**, 39, 1230-40	14.6	355
29	Single-Cell Mass Cytometry Analysis of the Human Endocrine Pancreas. *Cell Metabolism*, **2016**, 24, 616-626	24.6	104
28	A Multicenter Study: North American Islet Donor Score in Donor Pancreas Selection for Human Islet Isolation for Transplantation. *Cell Transplantation*, **2016**, 25, 1515-1523	4	33
27	National Institutes of Health-Sponsored Clinical Islet Transplantation Consortium Phase 3 Trial: Manufacture of a Complex Cellular Product at Eight Processing Facilities. *Diabetes*, **2016**, 65, 3418-3428	0.9	109
26	Restoration of Glucose Counterregulation by Islet Transplantation in Long-standing Type 1 Diabetes. *Diabetes*, **2015**, 64, 1713-8	0.9	38
25	Accumulation of 3-hydroxytetradecenoic acid: Cause or corollary of glucolipotoxic impairment of pancreatic cell bioenergetics?. *Molecular Metabolism*, **2015**, 4, 926-39	8.8	14
24	Bisphosphonate Induces Osteonecrosis of the Jaw in Diabetic Mice via NLRP3/Caspase-1-Dependent IL-1 Mechanism. *Journal of Bone and Mineral Research*, **2015**, 30, 2300-12	6.3	40
23	Epigenetic regulation of the DLK1-MEG3 microRNA cluster in human type 2 diabetic islets. *Cell Metabolism*, **2014**, 19, 135-45	24.6	241
22	Insulin sensitivity index in type 1 diabetes and following human islet transplantation: comparison of the minimal model to euglycemic clamp measures. *American Journal of Physiology - Endocrinology and Metabolism*, **2014**, 306, E1217-24	6	10
21	Interleukin 5 immunotherapy depletes alloreactive plasma cells. *Journal of Surgical Research*, **2014**, 187, 310-5	2.5	4
20	Metabolic memory of cells controls insulin secretion and is mediated by CaMKII. *Molecular Metabolism*, **2014**, 3, 484-9	8.8	12

19	Targeting the cell cycle inhibitor p57Kip2 promotes adult human β cell replication. *Journal of Clinical Investigation*, **2014**, 124, 670-4	15.9	44
18	Regulation of glucagon secretion in normal and diabetic human islets by γ-hydroxybutyrate and glycine. *Journal of Biological Chemistry*, **2013**, 288, 3938-51	5.4	69
17	Epigenomic plasticity enables human pancreatic α to β cell reprogramming. *Journal of Clinical Investigation*, **2013**, 123, 1275-84	15.9	294
16	Murine islet allograft tolerance upon blockade of the B-lymphocyte stimulator, BLyS/BAFF. *Transplantation*, **2012**, 93, 676-85	1.8	25
15	Analysis of B cell subsets following pancreatic islet cell transplantation in a patient with type 1 diabetes by cytometric fingerprinting. *Journal of Immunological Methods*, **2011**, 363, 233-44	2.5	4
14	B-cell tolerance in transplantation: is repertoire remodeling the answer?. *Expert Review of Clinical Immunology*, **2009**, 5, 703	5.1	14
13	RS rearrangement frequency as a marker of receptor editing in lupus and type 1 diabetes. *Journal of Experimental Medicine*, **2008**, 205, 2985-94	16.6	53
12	B lymphocyte-directed immunotherapy promotes long-term islet allograft survival in nonhuman primates. *Nature Medicine*, **2007**, 13, 1295-8	50.5	123
11	Structural and functional abnormalities in the islets isolated from type 2 diabetic subjects. *Diabetes*, **2004**, 53, 624-32	0.9	274
10	Thymic selection of CD4+CD25+ regulatory T cells induced by an agonist self-peptide. *Nature Immunology*, **2001**, 2, 301-6	19.1	1355
9	Regulation of pancreatic beta-cell growth and survival by the serine/threonine protein kinase Akt1/PKBalpha. *Nature Medicine*, **2001**, 7, 1133-7	50.5	422
8	Hepatosplenic gamma-delta T-cell lymphoma as a late-onset posttransplant lymphoproliferative disorder in renal transplant recipients. *American Journal of Clinical Pathology*, **2000**, 113, 487-96	1.9	45
7	Reversal of acute renal allograft rejection by extracorporeal photopheresis: a case presentation and review of the literature. *Journal of Clinical Apheresis*, **1996**, 11, 36-41	3.2	37
6	Glutamine enhancement of structure and function in transplanted small intestine in the rat. *Journal of Parenteral and Enteral Nutrition*, **1993**, 17, 47-55	4.2	60
5	A PCR-based assay for the wild-type dystrophin gene transferred into the mdx mouse. *Muscle and Nerve*, **1992**, 15, 1133-7	3.4	17
4	Antigen presenting function of class II MHC expressing pancreatic beta cells. *Nature*, **1988**, 336, 476-9	50.4	229
3	Immunobiology of the allograft response. *Diabetes/metabolism Reviews*, **1987**, 3, 1037-59		3
2	Immunologic factors in pathogenesis and treatment of human and animal diabetes. *World Journal of Surgery*, **1984**, 8, 214-20	3.3	10

List of Publications