

Tables

Table (1) Top 10 authors of the most cited articles in the field of pancreas transplantation.

Authors	Total citations	Documents
Sutherland, David E.R.	2,064	12
Gruessner, Angelika C.	2,050	13
D'Alessandro, Anthony M.	932	6
Sollinger, Hans W.	932	6
Najarian, John S.	855	8
Gruessner, Rainer W.G.	847	6
Pirsch, John D.	817	5
Goetz, Frederick C.	784	3
Dunn, David I.	772	3
Mauer, Michael S.	771	3

Table (2) Number of Publications and citations of the top-contributing countries in the field of pancreas transplantation.

Country	Total citations	Number of documents
United States	9,830	86
France	549	4
Italy	372	4
Canada	330	4
Australia	320	3
Argentina	254	2
Czech Republic	254	2
Netherlands	254	2
Norway	254	2
Brazil	181	2

Table (3) the top 10 cited journals in the field of pancreas transplantation.

Journal	Total citations	Number of documents
Transplantation	2,207	25
Annals of Surgery	1,875	12
American Journal of Transplantation	1,627	14
Clinical Transplantation	669	4
Review of Diabetic Studies	446	2
Diabetes	379	3
Laboratory Investigation	356	1
New England Journal of Medicine	312	1
Surgery	311	4
Kidney International	262	3

Table (4) top 100 cited documents in the field of pancreas transplantation.

Authors	Title	Year	Source title	Cite d by
Sutherland D.E.R.	Lessons learned from more than 1,000 pancreas transplants at a single institution	2001	Annals of Surgery	577
Gruessner A.C.	Pancreas transplant outcomes for United States (US) and non- US cases as reported to the United Network for Organ Sharing (UNOS) and the International Pancreas Transplant Registry (IPTR) as of June 2004	2005	Clinical Transplantation	434
Sibley R.K.	Recurrent diabetes mellitus in the pancreas iso- and allograft. A light and electron microscopic and immunohistochemical analysis of four cases	1985	Laboratory Investigation	356
Bilous R.W.	The Effects of Pancreas Transplantation on the Glomerular Structure of Renal Allografts in Patients with Insulin-Dependent Diabetes	1989	New England Journal of Medicine	312
Gruessner R.W.G.	Mortality assessment for pancreas transplants	2004	American Journal of Transplantation	286
Sollinger H.W.	Experience with 500 simultaneous pancreas-kidney transplants	1998	Annals of Surgery	282
Gruessner A.C.	2011 Update on pancreas transplantation: Comprehensive trend analysis of 25,000 cases followed up over the course of twenty-four years at the international pancreas Transplant Registry (IPTR)	2011	Review of Diabetic Studies	259
Axelrod D.A.	Systematic evaluation of pancreas allograft quality, outcomes and geographic variation in utilization	2010	American Journal of Transplantation	234
Humar A.	Technical failures after pancreas transplants: Why grafts fail and the risk factors - A multivariate analysis	2004	Transplantation	222
Sollinger H.W.	One thousand simultaneous pancreas-kidney transplants at a single center with 22-year follow-up	2009	Annals of Surgery	221
Diem P.	Systemic venous drainage of pancreas allografts as independent cause of hyperinsulinemia in type I diabetic recipients	1990	Diabetes	217
Kamar N.	Hepatitis E virus-related cirrhosis in kidney-and kidney-pancreas- transplant recipients	2008	American Journal of Transplantation	210
Gruessner A.C.	Pancreas transplantation of US and Non-US cases from 2005 to 2014 as reported to the United Network for Organ Sharing (UNOS) and the International Pancreas Transplant Registry (IPTR)	2016	Review of Diabetic Studies	187

Lorber M.I.	Hepatobiliary and pancreatic complications of cyclosporine therapy in 466 renal transplant recipients	1987	Transplantation	176
Wolfe R.A.	Calculating life years from transplant (LYFT): Methods for kidney and kidney-pancreas candidates	2008	American Journal of Transplantation	164
Drachenberg C.B.	Banff schema for grading pancreas allograft rejection: Working proposal by a Multi-Disciplinary International Consensus Panel	2008	American Journal of Transplantation	143
Diem P.	Glucagon, catecholamine and pancreatic polypeptide secretion in type I diabetic recipients of pancreas allografts	1990	Journal of Clinical Investigation	143
Sutherland D.E.R.	A 10-year experience with 290 pancreas transplants at a single institution	1989	Annals of Surgery	135
Fioretto P.	Remodeling of renal interstitial and tubular lesions in pancreas transplant recipients	2006	Kidney International	133
Mishra N.	Identification of a novel Polyomavirus in a pancreatic transplant recipient with retinal blindness and Vasculitic Myopathy	2014	Journal of Infectious Diseases	129
Drachenberg C.B.	Evaluation of pancreas transplant needle biopsy: Reproducibility and revision of histologic grading system	1997	Transplantation	128
Sollinger H.W.	Urological complications in 210 consecutive simultaneous pancreas-kidney transplants with bladder drainage	1993	Annals of Surgery	125
Gruessner R.W.G.	Transplant options for patients undergoing total pancreatectomy for chronic pancreatitis	2004	Journal of the American College of Surgeons	116
Sollinger H.W.	Experience with 100 consecutive simultaneous kidney-pancreas transplants with bladder drainage	1991	Annals of Surgery	115
Drachenberg C.B.	Guidelines for the diagnosis of antibody-mediated rejection in pancreas allografts-updated Banff grading schema	2011	American Journal of Transplantation	111
Gruessner A.C.	Pancreas transplant outcomes for United States (US) cases reported to the United Network for Organ Sharing (UNOS) and non-US cases reported to the International Pancreas Transplant Registry (IPTR) as of October, 2000.	2000	Clinical transplants	105
Peddi V.R.	Safety, efficacy, and cost analysis of thymoglobulin induction therapy with intermittent dosing based on CD3+ lymphocyte counts in kidney and kidney-pancreas transplant recipients	2002	Transplantation	102

Hricik D.E.	The effects of steroid withdrawal on the lipoprotein profiles of cyclosporine-treated kidney and kidney-pancreas transplant recipients	1992	Transplantation	101
Grewal H.P.	Risk factors for postimplantation pancreatitis and pancreatic thrombosis in pancreas transplant recipients	1993	Transplantation	101
Fong T.-L.	Analysis of the United Network for Organ Sharing database comparing renal allografts and patient survival in combined liver-kidney transplantation with the contralateral allografts in kidney alone or kidney-pancreas transplantation	2003	Transplantation	100
Giannarelli R.	Pancreas transplant alone has beneficial effects on retinopathy in type 1 diabetic patients	2006	Diabetologia	98
Sollinger H.W.	Two hundred consecutive simultaneous pancreas-kidney transplants with bladder drainage	1993	Surgery	97
Chiu M.Y.	Analysis of fracture prevalence in kidney-pancreas allograft recipients	1998	Journal of the American Society of Nephrology	95
Prieto M.	Pancreas transplant results according to the technique of duct management: Bladder versus enteric drainage	1987	Surgery	94
Bunnapradist S.	Kidney allograft and patient survival in type I diabetic recipients of cadaveric kidney alone versus simultaneous pancreas/kidney transplants: A multivariate analysis of the UNOS database	2003	Journal of the American Society of Nephrology	93
Pirsch J.D.	Posttransplant infection in enteric versus bladder-drained simultaneous pancreas-kidney transplant recipients	1998	Transplantation	92
Pearce I.A.	Stabilisation of diabetic retinopathy following simultaneous pancreas and kidney transplant	2000	British Journal of Ophthalmology	90
Gruessner R.W.G.	Over 500 solitary pancreas transplants in nonuremic patients with brittle diabetes mellitus	2008	Transplantation	88
Klassen D.K.	Pancreas allograft biopsy: Safety of percutaneous biopsy - Results of a large experience	2002	Transplantation	88
Santamaria P.	Characterization of T lymphocytes infiltrating human pancreas allograft affected by isletitis and recurrent diabetes	1992	Diabetes	86
Zehrer C.L.	Quality of life of pancreas transplant recipients	1991	Diabetologia	85
Kleinclauss F.	Pancreas after living donor kidney transplants in diabetic patients: Impact on long-term kidney graft function	2009	Clinical Transplantation	85
Nath D.S.	Outcomes of pancreas transplants for patients with type 2 diabetes mellitus	2005	Clinical Transplantation	85

Young B.Y.	Living donor kidney versus simultaneous pancreas-kidney transplant in type I diabetics: An analysis of the OPTN/UNOS database	2009	Clinical Journal of the American Society of Nephrology	84
Humar A.	The Impact of Donor Obesity on Outcomes after Cadaver Pancreas Transplants	2004	American Journal of Transplantation	84
Yoshimura N.	Effect of Cyclosporine on the Endocrine and Exocrine Pancreas in Kidney Transplant Recipients	1988	American Journal of Kidney Diseases	84
Gunnarsson R.	DETERIORATION IN GLUCOSE METABOLISM IN PANCREATIC TRANSPLANT RECIPIENTS GIVEN CYCLOSPORIN	1983	The Lancet	84
Humar A.	Chronic rejection: The next major challenge for pancreas transplant recipients	2003	Transplantation	83
Ravindra K.V.	West Nile virus-associated encephalitis in recipients of renal and pancreas transplants: Case series and literature review	2004	Clinical Infectious Diseases	83
Coppelli A.	The beneficial effects of pancreas transplant alone on diabetic nephropathy	2005	Diabetes Care	82
Gruessner A.C.	Pancreas transplant outcomes for United States (US) and non-US cases as reported to the United Network for Organ Sharing (UNOS) and the International Pancreas Transplant Registry (IPTR) as of October 2002.	2002	Clinical transplants	79
Trofe J.	Polyomavirus in kidney and kidney-pancreas transplant recipients	2003	Transplant Infectious Disease	78
Rhee B.K.	Urolithiasis in renal and combined pancreas/renal transplant recipients	1999	Journal of Urology	78
Kaplan B.	Decreased protein binding of mycophenolic acid associated with leukopenia in a pancreas transplant recipient with renal failure	1998	Transplantation	77
Gaber A.O.	Percutaneous biopsy of pancreas transplants	1992	Transplantation	76
Stratta R.J.	Simultaneous use of tacrolimus and mycophenolate mofetil in combined pancreas-kidney transplant recipients: A multi-center report	1997	Transplantation Proceedings	76
Osei K.	Physiological and pharmacological stimulation of pancreatic islet hormone secretion in type I diabetic pancreas allograft recipients	1990	Diabetes	76
Rosenlof L.K.	Pancreas transplantation. An initial experience with systemic and portal drainage of pancreatic allografts	1992	Annals of Surgery	75

Gruessner R.W.G.	Pancreas transplant alone: A procedure coming of age	2013	Diabetes Care	74
Cattral M.S.	Portal venous and enteric exocrine drainage versus systemic venous and bladder exocrine drainage of pancreas grafts: Clinical outcome of 40 consecutive transplant recipients	2000	Annals of Surgery	72
Sutherland D.E.R.	One hundred pancreas transplants at a single institution	1984	Annals of Surgery	72
Cheung A.H.S.	Simultaneous pancreas-kidney transplant versus kidney transplant alone in diabetic patients	1992	Kidney International	71
Sampaio M.S.	Obesity was associated with inferior outcomes in simultaneous pancreas kidney transplant	2010	Transplantation	70
Gruessner R.W.G.	Recipient risk factors have an impact on technical failure and patient and graft survival rates in bladder-drained pancreas transplants	1994	Transplantation	70
Morel P.	Long-term glucose control in patients with pancreatic transplants	1991	Annals of Internal Medicine	70
Hesse U.J.	Intra-abdominal infections in pancreas transplant recipients	1986	Annals of Surgery	69
Israni A.K.	Impact of simultaneous kidney-pancreas transplant and timing of transplant on kidney allograft survival	2005	American Journal of Transplantation	68
Axelrod D.	Reduction of CMV disease with steroid-free immunosuppression in simultaneous pancreas-kidney transplant recipients	2005	American Journal of Transplantation	68
Stephanian E.	Conversion of exocrine secretions from bladder to enteric drainage in recipients of whole pancreaticoduodenal transplants	1992	Annals of Surgery	68
Atwell T.D.	Pancreas transplants: Experience with 232 percutaneous US-guided biopsy procedures in 88 patients	2004	Radiology	67
Papadimitriou J.C.	Histologic grading of acute allograft rejection in pancreas needle biopsy: Correlation to serum enzymes, glycemia, and response to immunosuppressive treatment	1998	Transplantation	66
Allen R.D.M.	Percutaneous biopsy of bladder-drained pancreas transplants	1991	Transplantation	66
Mohan P.	Improved patient survival in recipients of simultaneous pancreas-kidney transplant compared with kidney transplant alone in patients with type 1 diabetes mellitus and end-stage renal disease	2003	British Journal of Surgery	66
Cook K.	Pancreaticocystostomy: An alternative method for exocrine drainage of segmental pancreatic allografts	1983	Transplantation	66

Gross C.R.	Health-related quality of life outcomes of pancreas transplant recipients	1992	Clinical Transplantation	65
Stratta R.J.	Two-dose daclizumab regimen in simultaneous kidney-pancreas transplant recipients: Primary endpoint analysis of a multicenter, randomized study	2003	Transplantation	65
Niederhaus S.V.	Acute cellular and antibody-mediated rejection of the pancreas allograft: Incidence, risk factors and outcomes	2013	American Journal of Transplantation	65
Haririan A.	Polyomavirus nephropathy in native kidneys of a solitary pancreas transplant recipient	2002	Transplantation	64
Gores P.F.	Donor hyperglycemia as a minor risk factor and immunologic variables as major risk factors for pancreas allograft loss in a multivariate analysis of a single institution's experience	1992	Annals of Surgery	64
Gaber A.O.	Changes in gastric emptying in recipients of successful combined pancreas-kidney transplants	1991	Digestive Diseases	63
Vu M.D.	Synergistic effects of mycophenolate mofetil and sirolimus in prevention of acute heart, pancreas, and kidney allograft rejection and in reversal of ongoing heart allograft rejection in the rat	1998	Transplantation	63
Gruessner R.W.G.	Simultaneous kidney and segmental pancreas transplants from living related donors - The first two successful cases	1996	Transplantation	62
Fridell J.A.	The survival advantage of pancreas after kidney transplant	2019	American Journal of Transplantation	62
Gunnarsson R.	Deterioration in glucose metabolism in pancreatic transplant recipients after conversion from azathioprine to cyclosporine	1984	Transplantation Proceedings	61
Gaber A.O.	Early improvement in cardiac function occurs for pancreas-kidney but not diabetic kidney-alone transplant recipients	1995	Transplantation	61
Benedetti E.	Correlation between cystoscopic biopsy results and hypoamylasuria in bladder-drained pancreas transplants	1995	Surgery	61
Mittal S.	De novo donor-specific HLA antibodies: Biomarkers of pancreas transplant failure	2014	American Journal of Transplantation	61
Humar A.	Pancreas after kidney transplants	2001	American Journal of Surgery	60

Gruessner R.W.G.	Simultaneous pancreas and kidney transplants versus single kidney transplants and previous kidney transplants in uremic patients and single pancreas transplants in nonuremic diabetic patients: Comparison of rejection, morbidity and long-term outcome	1990	Transplantation Proceedings	60
Sutherland D.E.R.	Pancreas transplants from related donors	1984	Transplantation	60
Humar A.	Cytomegalovirus disease recurrence after ganciclovir treatment in kidney and kidney-pancreas transplant recipients	1999	Transplantation	60
Bohman S.O.	Recurrent diabetic nephropathy in renal allografts placed in diabetic patients and protective effect of simultaneous pancreatic transplantation.	1987	Transplantation Proceedings	59
Berger N.	Infectious complications following 72 consecutive enteric-drained pancreas transplants	2006	Transplant International	59
Humar A.	Prolonged preservation increases surgical complications after pancreas transplants	2000	Surgery	59
Remuzzi G.	Pancreas and kidney/pancreas transplants: experimental medicine or real improvement?	1994	The Lancet	59
Alonso D.	Increased pancreatitis in allografts flushed with histidine-tryptophan- ketoglutarate solution: A cautionary tale	2008	American Journal of Transplantation	58
Fioretto P.	Cyclosporine associated lesions in native kidneys of diabetic pancreas transplant recipients	1995	Kidney International	58
Lipshutz G.S.	BKV in simultaneous pancreas-kidney transplant recipients: A leading cause of renal graft loss in first 2 years post-transplant	2005	American Journal of Transplantation	58
Kuo P.C.	Solitary pancreas allografts: The role of percutaneous biopsy and standardized histologic grading of rejection	1997	Archives of Surgery	58
Vandermeer F.Q..	Imaging of whole-organ pancreas transplants	2012	Radiographics	58