

# Hirohito Ichii

## List of Publications by Year in descending order

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93  
papers

4,200  
citations

117625

34  
h-index

118850

62  
g-index

93  
all docs

93  
docs citations

93  
times ranked

5168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Islet Transplantation in Type 1 Diabetes Mellitus Using Cultured Islets and Steroid-Free Immunosuppression: Miami Experience. <i>American Journal of Transplantation</i> , 2005, 5, 2037-2046.	4.7	360
2	Role for Bcl-6 in the generation and maintenance of memory CD8+ T cells. <i>Nature Immunology</i> , 2002, 3, 558-563.	14.5	221
3	Memory B Cells without Somatic Hypermutation Are Generated from Bcl6-Deficient B Cells. <i>Immunity</i> , 2002, 17, 329-339.	14.3	219
4	Recurrence of Type 1 Diabetes After Simultaneous Pancreas-Kidney Transplantation, Despite Immunosuppression, Is Associated With Autoantibodies and Pathogenic Autoreactive CD4 T-Cells. <i>Diabetes</i> , 2010, 59, 947-957.	0.6	210
5	A Novel Method for the Assessment of Cellular Composition and Beta-Cell Viability in Human Islet Preparations. <i>American Journal of Transplantation</i> , 2005, 5, 1635-1645.	4.7	189
6	The association between international and domestic air traffic and the coronavirus (COVID-19) outbreak. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 467-472.	3.1	135
7	Bcl6 Acts as an Amplifier for the Generation and Proliferative Capacity of Central Memory CD8+ T Cells. <i>Journal of Immunology</i> , 2004, 173, 883-891.	0.8	133
8	The Role of Oxidative Stress in Pancreatic Î² Cell Dysfunction in Diabetes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1509.	4.1	124
9	MicroRNA Expression in Alpha and Beta Cells of Human Pancreatic Islets. <i>PLoS ONE</i> , 2013, 8, e55064.	2.5	123
10	Internationally lost COVID-19 cases. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 454-458.	3.1	108
11	Shipment of Human Islets for Transplantation. <i>American Journal of Transplantation</i> , 2007, 7, 1010-1020.	4.7	106
12	Rescue Purification Maximizes the Use of Human Islet Preparations for Transplantation. <i>American Journal of Transplantation</i> , 2005, 5, 21-30.	4.7	103
13	Rapamycin Impairs In Vivo Proliferation of Islet Beta-Cells. <i>Transplantation</i> , 2007, 84, 1576-1583.	1.0	97
14	Toward Maximizing the Success Rates of Human Islet Isolation: Influence of Donor and Isolation Factors. <i>Cell Transplantation</i> , 2007, 16, 595-607.	2.5	95
15	Oral Activated Charcoal Adsorbent (AST-120) Ameliorates Chronic Kidney Disease-Induced Intestinal Epithelial Barrier Disruption. <i>American Journal of Nephrology</i> , 2013, 37, 518-525.	3.1	86
16	Current status of islet cell transplantation. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2009, 16, 101-112.	2.0	82
17	Inhibition of c-jun N terminal kinase (JNK) improves functional beta cell mass in human islets and leads to AKT and glycogen synthase kinase-3 (GSK-3) phosphorylation. <i>Diabetologia</i> , 2008, 51, 298-308.	6.3	73
18	Bcl6 is essential for the generation of long-term memory CD4+ T cells. <i>International Immunology</i> , 2007, 19, 427-433.	4.0	72

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19	Divergent antioxidant capacity of human islet cell subsets: A potential cause of beta-cell vulnerability in diabetes and islet transplantation. <i>PLoS ONE</i> , 2018, 13, e0196570.	2.5	68
20	Factors That Affect Human Islet Isolation. <i>Transplantation Proceedings</i> , 2008, 40, 343-345.	0.6	63
21	CD40-CD40 Ligand Interaction Activates Proinflammatory Pathways in Pancreatic Islets. <i>Diabetes</i> , 2006, 55, 2437-2445.	0.6	61
22	Failure in initial stage containment of global COVID-19 epicenters. <i>Journal of Medical Virology</i> , 2020, 92, 863-867.	5.0	60
23	The Role of the Nrf2 Signaling in Obesity and Insulin Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6973.	4.1	56
24	Current Management of Patients With Acquired Solitary Kidney. <i>Kidney International Reports</i> , 2019, 4, 1205-1218.	0.8	55
25	The Use of the BD Oxygen Biosensor System to Assess Isolated Human Islets of Langerhans: Oxygen Consumption as a Potential Measure of Islet Potency. <i>Cell Transplantation</i> , 2006, 15, 745-758.	2.5	53
26	The Effect of Nrf2 Pathway Activation on Human Pancreatic Islet Cells. <i>PLoS ONE</i> , 2015, 10, e0131012.	2.5	50
27	Role of Oxidative Stress in the Pathogenesis of Pancreatitis: Effect of Antioxidant Therapy. <i>Pancreatic Disorders &amp; Therapy</i> , 2013, 03, 112.	0.3	46
28	Approach and Management of Hypertension After Kidney Transplantation. <i>Frontiers in Medicine</i> , 2020, 7, 229.	2.6	44
29	A Putative Silencer Element in the IL-5 Gene Recognized by Bcl6. <i>Journal of Immunology</i> , 2002, 169, 829-836.	0.8	41
30	Protection of islets in culture by delivery of oxygen binding neuroglobin via protein transduction. <i>Transplantation Proceedings</i> , 2005, 37, 237-240.	0.6	40
31	Quality control for clinical islet transplantation: organ procurement and preservation, the islet processing facility, isolation, and potency tests. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2009, 16, 131-136.	2.0	39
32	Prolonged Allogeneic Islet Graft Survival by Protoporphyrins. <i>Cell Transplantation</i> , 2005, 14, 85-96.	2.5	38
33	Antiinflammatory Effects of Iodixanol (OptiPrep)-Based Density Gradient Purification on Human Islet Preparations. <i>Cell Transplantation</i> , 2010, 19, 1537-1546.	2.5	37
34	Iron Sucrose Impairs Phagocytic Function and Promotes Apoptosis in Polymorphonuclear Leukocytes. <i>American Journal of Nephrology</i> , 2012, 36, 50-57.	3.1	37
35	Treatment with dimethyl fumarate ameliorates liver ischemia/reperfusion injury. <i>World Journal of Gastroenterology</i> , 2017, 23, 4508.	3.3	37
36	A functional CD40 receptor is expressed in pancreatic beta cells. <i>Diabetologia</i> , 2005, 48, 268-276.	6.3	35

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37	Kidney transplantation in obese patients. <i>World Journal of Transplantation</i> , 2016, 6, 135.	1.6	35
38	Deterioration and Variability of Highly Purified Collagenase Blends Used in Clinical Islet Isolation. <i>Transplantation</i> , 2007, 84, 997-1002.	1.0	32
39	Characterization of pancreatic ductal cells in human islet preparations. <i>Laboratory Investigation</i> , 2008, 88, 1167-1177.	3.7	32
40	Prolactin Supplementation to Culture Medium Improves $\beta$ -Cell Survival. <i>Transplantation</i> , 2010, 89, 1328-1335.	1.0	32
41	Bcl6 Is Required for the Development of Mouse CD4 <sup>+</sup> and CD8 $\beta$ <sup>+</sup> Dendritic Cells. <i>Journal of Immunology</i> , 2011, 186, 255-263.	0.8	31
42	The Effects of Digestion Enzymes on Islet Viability and Cellular Composition. <i>Cell Transplantation</i> , 2012, 21, 649-655.	2.5	29
43	Timing of Return to Dialysis in Patients with Failing Kidney Transplants. <i>Seminars in Dialysis</i> , 2013, 26, 667-674.	1.3	29
44	Dimethyl Fumarate Protects Pancreatic Islet Cells and Non-Endocrine Tissue in L-Arginine-Induced Chronic Pancreatitis. <i>PLoS ONE</i> , 2014, 9, e107111.	2.5	29
45	c-Jun N-terminal kinase 1 is deleterious to the function and survival of murine pancreatic islets. <i>Diabetologia</i> , 2008, 51, 2271-2280.	6.3	27
46	Impact of Pancreatic Cold Preservation on Rat Islet Recovery and Function. <i>Transplantation</i> , 2009, 87, 1442-1450.	1.0	26
47	Rapamycin Impairs $\beta$ -Cell Proliferation In Vivo. <i>Transplantation Proceedings</i> , 2008, 40, 436-437.	0.6	25
48	Pharmacological Activation of Nrf2 Pathway Improves Pancreatic Islet Isolation and Transplantation. <i>Cell Transplantation</i> , 2015, 24, 2273-2283.	2.5	25
49	Purification Method Using Iodixanol (OptiPrep)-Based Density Gradient Significantly Reduces Cytokine Chemokine Production From Human Islet Preparations, Leading to Prolonged $\beta$ -Cell Survival During Pretransplantation Culture. <i>Transplantation Proceedings</i> , 2009, 41, 314-315.	0.6	23
50	Toward Improving Human Islet Isolation from Younger Donors: Rescue Purification is Efficient for Trapped Islets. <i>Cell Transplantation</i> , 2009, 18, 13-22.	2.5	23
51	Dimethyl Fumarate Ameliorates Acute Pancreatitis in Rodent. <i>Pancreas</i> , 2015, 44, 441-447.	1.1	23
52	CD40 activation in human pancreatic islets and ductal cells. <i>Diabetologia</i> , 2008, 51, 1853-1861.	6.3	22
53	Dimethyl Fumarate Alleviates Dextran Sulfate Sodium-Induced Colitis, through the Activation of Nrf2-Mediated Antioxidant and Anti-inflammatory Pathways. <i>Antioxidants</i> , 2020, 9, 354.	5.1	22
54	Anti-Proinflammatory Effects of Sirolimus on Human Islet Preparations. <i>Transplantation</i> , 2008, 86, 46-53.	1.0	20

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55	The l-isoform but not d-isoforms of a JNK inhibitory peptide protects pancreatic $\beta$ -cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 227-233.	2.1	19
56	Prolonged allogeneic islet graft survival by protoporphyrins. <i>Cell Transplantation</i> , 2005, 14, 85-96.	2.5	17
57	$\beta$ -Cell Specific Cytoprotection by Prolactin on Human Islets. <i>Transplantation Proceedings</i> , 2008, 40, 382-383.	0.6	16
58	Evaluation of Viable $\beta$ -Cell Mass is Useful for Selecting Collagenase for Human Islet Isolation: Comparison of Collagenase NB1 and Liberase HL. <i>Cell Transplantation</i> , 2012, 21, 39-47.	2.5	16
59	Total pancreatectomy and islet autotransplantation: A decade nationwide analysis. <i>World Journal of Transplantation</i> , 2016, 6, 233.	1.6	14
60	Three-dimensional reconstruction of biliary tract using spiral computed tomography for laparoscopic cholecystectomy. <i>World Journal of Surgery</i> , 2002, 26, 608-611.	1.6	13
61	Effects of Pancreas Cold Ischemia on Islet Function and Quality. <i>Transplantation Proceedings</i> , 2009, 41, 1808-1809.	0.6	12
62	Antioxidant Therapy in Pancreatitis. <i>Antioxidants</i> , 2021, 10, 657.	5.1	12
63	At pharmacologically relevant concentrations intravenous iron preparations cause pancreatic beta cell death. <i>American Journal of Translational Research (discontinued)</i> , 2013, 6, 64-70.	0.0	12
64	C-type natriuretic peptide receptor expression in pancreatic alpha cells. <i>Histochemistry and Cell Biology</i> , 2009, 132, 95-103.	1.7	11
65	Effect of Pituitary Adenylate Cyclase-Activating Polypeptide in Islet Transplantation. <i>Transplantation Proceedings</i> , 2009, 41, 343-345.	0.6	11
66	Hyponatremia: A possible immuno-neuroendocrine interface with COVID-19 in a kidney transplant recipient. <i>Transplant Infectious Disease</i> , 2020, 22, e13355.	1.7	11
67	Protection of Human Pancreatic Islets Using a Lentiviral Vector Expressing Two Genes: cFLIP and GFP. <i>Cell Transplantation</i> , 2008, 17, 793-802.	2.5	10
68	Novel options for failing allograft in kidney transplanted patients to avoid or defer dialysis therapy. <i>Current Opinion in Nephrology and Hypertension</i> , 2020, 29, 80-91.	2.0	10
69	Potential Benefits of Nrf2/Keap1 Targeting in Pancreatic Islet Cell Transplantation. <i>Antioxidants</i> , 2020, 9, 321.	5.1	10
70	Synthetic Triterpenoid RTA dh404 (CDDO-dhTFEA) Ameliorates Acute Pancreatitis. <i>Pancreas</i> , 2016, 45, 720-729.	1.1	9
71	Reducing Pancreatic Fibrosis Using Antioxidant Therapy Targeting Nrf2 Antioxidant Pathway. <i>Pancreas</i> , 2019, 48, 1259-1262.	1.1	9
72	Quantitative in Situ Analysis of FoxP3 <sup>+</sup> T Regulatory Cells on Transplant Tissue Using Laser Scanning Cytometry. <i>Cell Transplantation</i> , 2012, 21, 113-125.	2.5	8

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73	Prevention of Autoimmune Diabetes in NOD Mice by Dimethyl Fumarate. <i>Antioxidants</i> , 2021, 10, 193.	5.1	8
74	Interactive Virtual Reality Renal Models as an Educational and Preoperative Planning Tool for Laparoscopic Donor Nephrectomy. <i>Urology</i> , 2021, 153, 192-198.	1.0	7
75	Culture and Transportation of Human Islets Between Centers. , 2007, , 251-268.		7
76	Dysregulation of $\beta$ -Cell Proliferation in Diabetes: Possibilities of Combination Therapy in the Development of a Comprehensive Treatment. <i>Biomedicines</i> , 2022, 10, 472.	3.2	7
77	Improved Human Islet Preparations Using Glucocorticoid and Exendin-4. <i>Pancreas</i> , 2014, 43, 1317-1322.	1.1	6
78	Association of pre-operative estimated GFR on post-operative pulmonary complications in laparoscopic surgeries. <i>Scientific Reports</i> , 2017, 7, 6504.	3.3	6
79	High and low estimated glomerular filtration rates are associated with adverse outcomes in patients undergoing surgery for gastrointestinal malignancies. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 810-818.	0.7	6
80	Anti-Oxidative Therapy in Islet Cell Transplantation. <i>Antioxidants</i> , 2022, 11, 1038.	5.1	6
81	Effect of Human Islet Rescue Gradient Purification on Islet Yield and Fractional Beta Cell Viability. <i>Transplantation Proceedings</i> , 2008, 40, 360-361.	0.6	5
82	Post-transplantation nephropathy causing recurrent episodes of acute renal failure and hypertension secondary to intermittent vascular torsion of intraperitoneal renal allograft. <i>Journal of Surgical Case Reports</i> , 2017, 2017, rjx033.	0.4	5
83	Utilization of Carbon Dioxide Angiography and Percutaneous Balloon Angioplasty for Treatment of Transplant Renal Artery Stenosis. <i>Annals of Vascular Surgery</i> , 2020, 65, 10-16.	0.9	5
84	Current Pharmacological Intervention and Medical Management for Diabetic Kidney Transplant Recipients. <i>Pharmaceutics</i> , 2021, 13, 413.	4.5	5
85	Intraoperative Near-Infrared Spectroscopy Monitoring of Renal Allograft Reperfusion in Kidney Transplant Recipients: A Feasibility and Proof-of-Concept Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4292.	2.4	5
86	Salutary effect of pre-treatment with an Nrf2 inducer on ischemia reperfusion injury in the rat liver. <i>Gastroenterology and Hepatology</i> , 2014, 1, 1-7.	0.0	5
87	Haddon matrix for kidney transplantation during COVID-19 pandemic: A problem solving framework for present and future. <i>Transplant Infectious Disease</i> , 2020, 22, e13373.	1.7	4
88	Hand-Assisted Laparoscopic Donor Nephrectomy in Complete Situs Inversus. <i>Journal of Endourology Case Reports</i> , 2016, 2, 108-110.	0.3	3
89	Is It Time to Utilize Genetic Testing for Living Kidney Donor Evaluation?. <i>Nephron</i> , 2022, 146, 220-226.	1.8	3
90	In Situ Quantitative Immunoprofiling of Regulatory T Cells Using Laser Scanning Cytometry. <i>Transplantation Proceedings</i> , 2009, 41, 238-239.	0.6	2

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91	Risk of Postoperative Venous Thromboembolism Among Pregnant Women. American Journal of Cardiology, 2017, 120, 479-483.	1.6	2
92	Invasive squamous cell bladder cancer of the ureterovesical junction in a renal transplant patient: a case report. Journal of Surgical Case Reports, 2017, 2017, rjx066.	0.4	1
93	Association of age with risk of first and subsequent allograft failure and mortality among young kidney transplant recipients in the USA – a retrospective cohort study. Transplant International, 2020, 33, 1503-1515.	1.6	1