

Paul E Harris

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

3,311

citations

30

h-index

56

g-index

87

ext. papers

3,531

ext. citations

6.3

avg, IF

4.63

L-index

#	Paper	IF	Citations
82	Human leukemic models of myelomonocytic development: a review of the HL-60 and U937 cell lines. <i>Journal of Leukocyte Biology</i> , 1985 , 37, 407-22	6.5	507
81	Contribution of direct and indirect recognition pathways to T cell alloreactivity. <i>Journal of Experimental Medicine</i> , 1993 , 177, 1643-50	16.6	217
80	The role of anti-HLA antibodies in heart transplantation. <i>Transplantation</i> , 1991 , 51, 716-24	1.8	165
79	Biological activities of a human pluripotent hemopoietic colony stimulating factor on normal and leukemic cells. <i>Journal of Experimental Medicine</i> , 1985 , 162, 1788-801	16.6	136
78	Diabetes mellitus impairs tendon-bone healing after rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2010 , 19, 978-88	4.3	122
77	Longitudinal noninvasive PET-based beta cell mass estimates in a spontaneous diabetes rat model. <i>Journal of Clinical Investigation</i> , 2006 , 116, 1506-13	15.9	120
76	Monitoring of soluble HLA alloantigens and anti-HLA antibodies identifies heart allograft recipients at risk of transplant-associated coronary artery disease. <i>Transplantation</i> , 1996 , 61, 566-72	1.8	114
75	¹¹ C-dihydrotetrabenazine PET of the pancreas in subjects with long-standing type 1 diabetes and in healthy controls. <i>Journal of Nuclear Medicine</i> , 2009 , 50, 382-9	8.9	108
74	Visualizing pancreatic beta-cell mass with [¹¹ C]DTBZ. <i>Nuclear Medicine and Biology</i> , 2006 , 33, 855-64	2.1	107
73	Identification of tissue-restricted transcripts in human islets. <i>Endocrinology</i> , 2004 , 145, 4513-21	4.8	82
72	Induction of MHC-class I restricted human suppressor T cells by peptide priming in vitro. <i>Human Immunology</i> , 1998 , 59, 690-9	2.3	77
71	Relationship between pancreatic vesicular monoamine transporter 2 (VMAT2) and insulin expression in human pancreas. <i>Journal of Molecular Histology</i> , 2008 , 39, 543-51	3.3	73
70	Magnetic resonance imaging of major histocompatibility class II expression in the renal medulla using immunotargeted superparamagnetic iron oxide nanoparticles. <i>ACS Nano</i> , 2008 , 2, 477-84	16.7	67
69	Current progress in non-invasive imaging of beta cell mass of the endocrine pancreas. <i>Current Medicinal Chemistry</i> , 2006 , 13, 2761-73	4.3	66
68	Multiepitope CD8(+) T cell response to a NY-ESO-1 peptide vaccine results in imprecise tumor targeting. <i>Journal of Clinical Investigation</i> , 2002 , 110, 1813-22	15.9	64
67	Dopamine-mediated autocrine inhibitory circuit regulating human insulin secretion in vitro. <i>Molecular Endocrinology</i> , 2012 , 26, 1757-72		61
66	Minireview: Dopaminergic regulation of insulin secretion from the pancreatic islet. <i>Molecular Endocrinology</i> , 2013 , 27, 1198-207		61

65	Diabetes mellitus alters the mechanical properties of the native tendon in an experimental rat model. <i>Journal of Orthopaedic Research</i> , 2011 , 29, 880-5	3.8	59
64	Pluripoietin alpha: a second human hematopoietic colony-stimulating factor produced by the human bladder carcinoma cell line 5637. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986 , 83, 2478-82	11.5	58
63	VMAT2 gene expression and function as it applies to imaging beta-cell mass. <i>Journal of Molecular Medicine</i> , 2008 , 86, 5-16	5.5	56
62	Anti-HLA antibody ligation to HLA class I molecules expressed by endothelial cells stimulates tyrosine phosphorylation, inositol phosphate generation, and proliferation. <i>Human Immunology</i> , 1997 , 53, 90-7	2.3	53
61	Intramolecular and intermolecular spreading during the course of organ allograft rejection. <i>Immunological Reviews</i> , 1998 , 164, 241-6	11.3	48
60	Indirect recognition of donor MHC Class II antigens in human transplantation. <i>Clinical Immunology and Immunopathology</i> , 1996 , 78, 228-35		43
59	Ligation of HLA class I molecules on smooth muscle cells with anti-HLA antibodies induces tyrosine phosphorylation, fibroblast growth factor receptor expression and cell proliferation. <i>International Immunology</i> , 1998 , 10, 1315-23	4.9	41
58	T cell recognition of self-human histocompatibility leukocyte antigens (HLA)-DR peptides in context of syngeneic HLA-DR molecules. <i>Journal of Experimental Medicine</i> , 1992 , 175, 1663-8	16.6	40
57	Imaging of beta-cell mass and function. <i>Journal of Nuclear Medicine</i> , 2010 , 51, 1001-4	8.9	38
56	MHC class I antigen processing pathways. <i>Human Immunology</i> , 1997 , 54, 91-103	2.3	34
55	Role of vesicular monoamine transporter type 2 in rodent insulin secretion and glucose metabolism revealed by its specific antagonist tetrabenazine. <i>Journal of Endocrinology</i> , 2008 , 198, 41-9	4.7	34
54	Islet grafting and imaging in a bioengineered intramuscular space. <i>Transplantation</i> , 2009 , 88, 1065-74	1.8	33
53	Anti-incretin, Anti-proliferative Action of Dopamine on β Cells. <i>Molecular Endocrinology</i> , 2015 , 29, 542-57		32
52	New roles for dopamine D ₁ and D ₂ receptors in pancreatic beta cell insulin secretion. <i>Molecular Psychiatry</i> , 2020 , 25, 2070-2085	15.1	30
51	In vivo [¹¹ C]dihydrotetrabenazine binding in rat striatum: sensitivity to dopamine concentrations. <i>Nuclear Medicine and Biology</i> , 2010 , 37, 3-8	2.1	27
50	Vesicular monoamine transporter, type 2 (VMAT2) expression as it compares to insulin and pancreatic polypeptide in the head, body and tail of the human pancreas. <i>Islets</i> , 2012 , 4, 393-7	2	26
49	Transcript profiling of human dendritic cells maturation-induced under defined culture conditions: comparison of the effects of tumour necrosis factor alpha, soluble CD40 ligand trimer and interferon gamma. <i>British Journal of Haematology</i> , 2001 , 114, 444-57	4.5	26
48	Cross-sectional and Test-Retest Characterization of PET with [(18)F]FP-(+)-DTBZ for β Cell Mass Estimates in Diabetes. <i>Molecular Imaging and Biology</i> , 2016 , 18, 292-301	3.8	24

47	The utility of [(11)C] dihydrotetrabenazine positron emission tomography scanning in assessing beta-cell performance after sleeve gastrectomy and duodenal-jejunal bypass. <i>Surgery</i> , 2010 , 147, 303-9	3.6	24
46	Whole body [11C]-dihydrotetrabenazine imaging of baboons: biodistribution and human radiation dosimetry estimates. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008 , 35, 790-7	8.8	23
45	Sequence of a prominent 16-residue self-peptide bound to HLA-B27 in a lymphoblastoid cell line. <i>Cellular Immunology</i> , 1993 , 152, 623-6	4.4	22
44	Gene expression profiling and functional activity of human dendritic cells induced with IFN-alpha-2b: implications for cancer immunotherapy. <i>Clinical Cancer Research</i> , 2003 , 9, 2022-31	12.9	21
43	An Approach for a Synthetic CTL Vaccine Design against Zika Flavivirus Using Class I and Class II Epitopes Identified by Computer Modeling. <i>Frontiers in Immunology</i> , 2017 , 8, 640	8.4	20
42	Suppression of the indirect pathway of T cell reactivity by high doses of allopeptide. <i>Autoimmunity</i> , 1995 , 21, 173-84	3	20
41	Evaluation of Pancreatic VMAT2 Binding with Active and Inactive Enantiomers of [F]FP-DTBZ in Healthy Subjects and Patients with Type 1 Diabetes. <i>Molecular Imaging and Biology</i> , 2018 , 20, 835-845	3.8	18
40	PET quantification of pancreatic VMAT 2 binding using (+) and (-) enantiomers of [18F]FP-DTBZ in baboons. <i>Nuclear Medicine and Biology</i> , 2013 , 40, 60-4	2.1	18
39	TCR repertoire of suppressor CD8+CD28- T cell populations. <i>Human Immunology</i> , 1999 , 60, 291-304	2.3	18
38	Development of a Rapid Insulin Assay by Homogenous Time-Resolved Fluorescence. <i>PLoS ONE</i> , 2016 , 11, e0148684	3.7	18
37	A role for foregut tyrosine metabolism in glucose tolerance. <i>Molecular Metabolism</i> , 2019 , 23, 37-50	8.8	17
36	Peptides bound to major histocompatibility complex molecules. <i>Peptides</i> , 1998 , 19, 179-98	3.8	17
35	In vivo beta-cell imaging with VMAT 2 ligands--current state-of-the-art and future perspective. <i>Current Pharmaceutical Design</i> , 2010 , 16, 1568-81	3.3	16
34	Novel hypoglycemic dihydropyridones serendipitously discovered from O- versus C-alkylation in the synthesis of VMAT2 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 5111-4	2.9	16
33	Evaluation of pancreatic VMAT2 binding with active and inactive enantiomers of F-FP-DTBZ in baboons. <i>Nuclear Medicine and Biology</i> , 2016 , 43, 743-751	2.1	15
32	Differential expression of insulin-dependent diabetes mellitus-associated HLA-DQA1 alleles in vivo. <i>European Journal of Immunology</i> , 1997 , 27, 1549-56	6.1	14
31	Differentiation-stage specific self-peptides bound by major histocompatibility complex class I molecules. <i>Journal of Experimental Medicine</i> , 1993 , 177, 783-90	16.6	12
30	A Synthetic Peptide CTL Vaccine Targeting Nucleocapsid Confers Protection from SARS-CoV-2 Challenge in Rhesus Macaques. <i>Vaccines</i> , 2021 , 9,	5.3	12

29	Gastrointestinal dopamine as an anti-incretin and its possible role in bypass surgery as therapy for type 2 diabetes with associated obesity. <i>Minerva Endocrinologica</i> , 2016 , 41, 43-56	1.9	11
28	PET Imaging of Pancreatic Dopamine D and D Receptor Density with C-(+)-PHNO in Type 1 Diabetes. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 570-576	8.9	11
27	State of the Art: Role of the Dendritic Cell in Induction of Allograft Tolerance. <i>Transplantation</i> , 2018 , 102, 1603-1613	1.8	10
26	In vitro studies of the effect of MAb NDA 4 linked to toxin on the proliferation of a human EBV-transformed lymphoblastoid B cell line and of gibbon MLA leukemia cell line. <i>Cellular Immunology</i> , 1991 , 134, 85-95	4.4	10
25	A rodent model of metabolic surgery for study of type 2 diabetes and positron emission tomography scanning of beta cell mass. <i>Surgery for Obesity and Related Diseases</i> , 2009 , 5, 212-7	3	9
24	Effect of interferon alpha on MHC class II gene expression in ex vivo human islet tissue. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2006 , 1762, 627-35	6.9	9
23	HLA class I self peptides isolated from a T-cell leukemia reveal the allele-specific motif of HLA-B38. <i>Tissue Antigens</i> , 1994 , 44, 65-72		8
22	Paired SARS-CoV-2 spike protein mutations observed during ongoing SARS-CoV-2 viral transfer from humans to minks and back to humans. <i>Infection, Genetics and Evolution</i> , 2021 , 93, 104897	4.5	8
21	Reply: Beta-cell Imaging: Opportunities and Limitations 2011 , 52, 493.2-495		7
20	Immunopotency of a viral peptide assembled on the carbohydrate moieties of self immunoglobulins. <i>Nature Biotechnology</i> , 1996 , 14, 722-5	44.5	7
19	Major histocompatibility complex-restricted recognition of autologous chronic lymphocytic leukemia by tumor-specific T cells. <i>Immunologic Research</i> , 1993 , 12, 338-48	4.3	7
18	Contrasting effects of IFN γ on MHC class II expression in professional vs. nonprofessional APCs: Role of CIITA type IV promoter. <i>Results in Immunology</i> , 2012 , 2, 174-83		6
17	The active translation of MHCII mRNA during dendritic cells maturation supplies new molecules to the cell surface pool. <i>Cellular Immunology</i> , 2007 , 246, 75-80	4.4	5
16	Shifting gene expression profiles during ex vivo culture of renal tumor cells: implications for cancer immunotherapy. <i>Oncology Research</i> , 2003 , 14, 133-45	4.8	5
15	Amplification of T cell blastogenic responses in healthy individuals and patients with acquired immunodeficiency syndrome. <i>Journal of Clinical Investigation</i> , 1990 , 85, 746-56	15.9	5
14	Targeting vesicular monoamine transporter Type 2 for noninvasive PET-based β cell mass measurements. <i>Expert Review of Endocrinology and Metabolism</i> , 2007 , 2, 35-46	4.1	3
13	A novel closed system utilizing styrene copolymer bead adherence for the production of human dendritic cells. <i>Transfusion</i> , 2000 , 40, 1419-20	2.9	3
12	A novel optical tracer for VMAT2 applied to live cell measurements of vesicle maturation in cultured human β cells. <i>Scientific Reports</i> , 2019 , 9, 5403	4.9	2

11	The long road to pancreatic islet transplantation. <i>World Journal of Surgery</i> , 2010 , 34, 625-7	3.3	2
10	Engagement of CD45 during in vitro priming enhances antigen-specific Th cell frequencies. <i>International Immunology</i> , 1996 , 8, 1265-71	4.9	2
9	Polymorphism in the 5' terminal region of the mRNA of HLA-DQA1 gene: identification of four groups of transcripts and their association with polymorphism in the alpha 1 domain. <i>Human Immunology</i> , 1997 , 53, 167-73	2.3	2
8	Specific T cell deletion by transfected human monocytes expressing fas ligand and antigen. <i>Human Immunology</i> , 2000 , 61, 575-84	2.3	2
7	The Radiolabeling of a Gly-Sar Dipeptide Derivative with Fluorine-18 and Its Use as a Potential Peptide Transporter PET Imaging Agent. <i>Molecules</i> , 2020 , 25,	4.8	1
6	Insulin Hexamer-Caged Gadolinium Ion as MRI Contrast-agent. <i>Chemistry - A European Journal</i> , 2018 , 24, 10646-10652	4.8	1
5	Paired SARS-CoV-2 Spike Protein Mutations Observed During Ongoing SARS-CoV-2 Viral Transfer from Humans to Minks and Back to Humans		1
4	Role of Anti-HLA Immune Responses in Organ Transplant Rejection 1994 , 111-124		1
3	Anti-IL-6 Versus Anti-IL-6R Blocking Antibodies to Treat Acute Ebola Infection in BALB/c Mice: Potential Implications for Treating Cytokine Release Syndrome. <i>Frontiers in Pharmacology</i> , 2020 , 11, 574703	5.6	1
2	Hospital management of heroin addicts undergoing cardiac surgery: a team approach. <i>Addiction</i> , 1973 , 68, 341-4	4.6	
1	Role of anti-HLA antibodies in allograft rejection 1997 , 151-158		