Paul E Harris

List of Publications by Year
in descending order

81 papers	3,883 citations	136740 32 h-index	123241 61 g-index
87 all docs	87 docs citations	87 times ranked	3167 citing authors

#	Article	IF	Citations
1	Human Leukemic Models of Myelomonocytic Development: A Review of the HL-60 and U937 Cell Lines. Journal of Leukocyte Biology, 1985, 37, 407-422.	1.5	610
2	Contribution of direct and indirect recognition pathways to T cell alloreactivity.. Journal of Experimental Medicine, 1993, 177, 1643-1650.	4.2	232
3	THE ROLE OF ANTI-HLA ANTIBODIES IN HEART TRANSPLANTATION. Transplantation, 1991, 51, 716-724.	0.5	183
4	Biological activities of a human pluripotent hemopoietic colony stimulating factor on normal and leukemic cells.. Journal of Experimental Medicine, 1985, 162, 1788-1801.	4.2	168
5	Diabetes mellitus impairs tendon-bone healing after rotator cuff repair. Journal of Shoulder and Elbow Surgery, 2010, 19, 978-988.	1.2	162
6	Longitudinal noninvasive PET-based Â cell mass estimates in a spontaneous diabetes rat model. Journal of Clinical Investigation, 2006, 116, 1506-1513.	3.9	133
7	MONITORING OF SOLUBLE HLA ALLOANTIGENS AND ANTI-HLA ANTIBODIES IDENTIFIES HEART ALLOGRAFT RECIPIENTS AT RISK OF TRANSPLANT-ASSOCIATED CORONARY ARTERY DISEASE1. Transplantation, 1996, 61, 566-572.	0.5	132
8	¹¹C-Dihydrotetrabenazine PET of the Pancreas in Subjects with Long-Standing Type 1 Diabetes and in Healthy Controls. Journal of Nuclear Medicine, 2009, 50, 382-389.	2.8	116
9	Visualizing pancreatic Î²-cell mass with [11C]DTBZ. Nuclear Medicine and Biology, 2006, 33, 855-864.	0.3	112
10	Identification of Tissue-Restricted Transcripts in Human Islets. Endocrinology, 2004, 145, 4513-4521.	1.4	87
11	Induction of MHC-class I restricted human suppressor T cells by peptide priming in vitro. Human Immunology, 1998, 59, 690-699.	1.2	84
12	Relationship between pancreatic vesicular monoamine transporter 2 (VMAT2) and insulin expression in human pancreas. Journal of Molecular Histology, 2008, 39, 543-551.	1.0	80
13	Dopamine-Mediated Autocrine Inhibitory Circuit Regulating Human Insulin Secretion in Vitro. Molecular Endocrinology, 2012, 26, 1757-1772.	3.7	74
14	Magnetic Resonance Imaging of Major Histocompatibility Class II Expression in the Renal Medulla Using Immunotargeted Superparamagnetic Iron Oxide Nanoparticles. ACS Nano, 2008, 2, 477-484.	7.3	73
15	Diabetes mellitus alters the mechanical properties of the native tendon in an experimental rat model. Journal of Orthopaedic Research, 2011, 29, 880-885.	1.2	73
16	Minireview: Dopaminergic Regulation of Insulin Secretion from the Pancreatic Islet. Molecular Endocrinology, 2013, 27, 1198-1207.	3.7	73
17	Multiepitope CD8+ T cell response to a NY-ESO-1 peptide vaccine results in imprecise tumor targeting. Journal of Clinical Investigation, 2002, 110, 1813-1822.	3.9	70
18	Current Progress in Non-Invasive Imaging of Beta Cell Mass of the Endocrine Pancreas. Current Medicinal Chemistry, 2006, 13, 2761-2773.	1.2	69

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19	Pluripoietin alpha: a second human hematopoietic colony-stimulating factor produced by the human bladder carcinoma cell line 5637.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 2478-2482.	3.3	67
20	VMAT2 gene expression and function as it applies to imaging Î²-cell mass. Journal of Molecular Medicine, 2008, 86, 5-16.	1.7	64
21	Anti-HLA antibody ligation to HLA class I molecules expressed by endothelial cells stimulates tyrosine phosphorylation, inositol phosphate generation, and proliferation. Human Immunology, 1997, 53, 90-97.	1.2	62
22	New roles for dopamine D2 and D3 receptors in pancreatic beta cell insulin secretion. Molecular Psychiatry, 2020, 25, 2070-2085.	4.1	55
23	Intramolecular and intermolecular spreading during the course of organ allograft rejection. Immunological Reviews, 1998, 164, 241-246.	2.8	54
24	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. International Immunology, 1998, 10, 1315-1323.	1.8	50
25	Indirect Recognition of Donor MHC Class II Antigens in Human Transplantation. Clinical Immunology and Immunopathology, 1996, 78, 228-235.	2.1	47
26	T cell recognition of self-human histocompatibility leukocyte antigens (HLA)-DR peptides in context of syngeneic HLA-DR molecules.. Journal of Experimental Medicine, 1992, 175, 1663-1668.	4.2	44
27	Imaging of Î²-Cell Mass and Function. Journal of Nuclear Medicine, 2010, 51, 1001-1004.	2.8	42
28	Role of vesicular monoamine transporter type 2 in rodent insulin secretion and glucose metabolism revealed by its specific antagonist tetrabenazine. Journal of Endocrinology, 2008, 198, 41-49.	1.2	39
29	Anti-incretin, Anti-proliferative Action of Dopamine on Î²-Cells. Molecular Endocrinology, 2015, 29, 542-557.	3.7	38
30	MHC Class I Antigen Processing Pathways. Human Immunology, 1997, 54, 91-103.	1.2	35
31	Islet Grafting and Imaging in a Bioengineered Intramuscular Space. Transplantation, 2009, 88, 1065-1074.	0.5	35
32	In vivo [11C]dihydrotetrabenazine binding in rat striatum: sensitivity to dopamine concentrations. Nuclear Medicine and Biology, 2010, 37, 3-8.	0.3	33
33	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. Islets, 2012, 4, 393-397.	0.9	33
34	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. British Journal of Haematology, 2001, 114, 444-457.	1.2	31
35	A role for foregut tyrosine metabolism in glucose tolerance. Molecular Metabolism, 2019, 23, 37-50.	3.0	29
36	A Synthetic Peptide CTL Vaccine Targeting Nucleocapsid Confers Protection from SARS-CoV-2 Challenge in Rhesus Macaques. Vaccines, 2021, 9, 520.	2.1	28

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37	Development of a Rapid Insulin Assay by Homogenous Time-Resolved Fluorescence. PLoS ONE, 2016, 11, e0148684.	1.1	27
38	Gene expression profiling and functional activity of human dendritic cells induced with IFN-alpha-2b: implications for cancer immunotherapy. Clinical Cancer Research, 2003, 9, 2022-31.	3.2	27
39	The utility of [11C] dihydrotetrabenazine positron emission tomography scanning in assessing Î²-cell performance after sleeve gastrectomy and duodenal-jejunal bypass. Surgery, 2010, 147, 303-309.	1.0	26
40	Cross-sectional and Test-Retest Characterization of PET with [18F]FP-(+)-DTBZ for Î² Cell Mass Estimates in Diabetes. Molecular Imaging and Biology, 2016, 18, 292-301.	1.3	26
41	Whole body [11C]-dihydrotetrabenazine imaging of baboons: biodistribution and human radiation dosimetry estimates. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 790-797.	3.3	25
42	An Approach for a Synthetic CTL Vaccine Design against Zika Flavivirus Using Class I and Class II Epitopes Identified by Computer Modeling. Frontiers in Immunology, 2017, 8, 640.	2.2	25
43	Sequence of a Prominent 16-Residue Self-Peptide Bound to HLA-B27 in a Lymphoblastoid Cell Line. Cellular Immunology, 1993, 152, 623-626.	1.4	24
44	Evaluation of Pancreatic VMAT2 Binding with Active and Inactive Enantiomers of [18F]FP-DTBZ in Healthy Subjects and Patients with Type 1 Diabetes. Molecular Imaging and Biology, 2018, 20, 835-845.	1.3	24
45	Suppression of the Indirect Pathway of T Cell Reactivity by High Doses of Allopeptide. Autoimmunity, 1995, 21, 173-184.	1.2	20
46	Evaluation of pancreatic VMAT2 binding with active and inactive enantiomers of 18 F-FP-DTBZ in baboons. Nuclear Medicine and Biology, 2016, 43, 743-751.	0.3	20
47	Peptides Bound to Major Histocompatibility Complex Molecules. Peptides, 1998, 19, 179-198.	1.2	19
48	TCR repertoire of suppressor CD8+CD28â^' T cell populations. Human Immunology, 1999, 60, 291-304.	1.2	19
49	Novel hypoglycemic dihydropyridones serendipitously discovered from O- versus C-alkylation in the synthesis of VMAT2 antagonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5111-5114.	1.0	19
50	PET quantification of pancreatic VMAT 2 binding using (+) and (â^') enantiomers of [18F]FP-DTBZ in baboons. Nuclear Medicine and Biology, 2013, 40, 60-64.	0.3	19
51	PET Imaging of Pancreatic Dopamine D₂ and D₃ Receptor Density with ¹¹C-(+)-PHNO in Type 1 Diabetes. Journal of Nuclear Medicine, 2020, 61, 570-576.	2.8	19
52	Paired SARS-CoV-2 spike protein mutations observed during ongoing SARS-CoV-2 viral transfer from humans to minks and back to humans. Infection, Genetics and Evolution, 2021, 93, 104897.	1.0	18
53	In Vivo Beta-Cell Imaging with VMAT 2 Ligands - Current State-of-the-Art and Future Perspectives. Current Pharmaceutical Design, 2010, 16, 1568-1581.	0.9	17
54	Differentiation-stage specific self-peptides bound by major histocompatibility complex class I molecules.. Journal of Experimental Medicine, 1993, 177, 783-790.	4.2	16

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55	Differential expression of insulin-dependent diabetes mellitus-associated HLA-DQA1 allelesin vivo. European Journal of Immunology, 1997, 27, 1549-1556.	1.6	15
56	State of the Art: Role of the Dendritic Cell in Induction of Allograft Tolerance. Transplantation, 2018, 102, 1603-1613.	0.5	14
57	Immunopotency of a viral peptide assembled on the carbohydrate moieties of self immunoglobulins. Nature Biotechnology, 1996, 14, 722-725.	9.4	13
58	A rodent model of metabolic surgery for study of type 2 diabetes and positron emission tomography scanning of beta cell mass. Surgery for Obesity and Related Diseases, 2009, 5, 212-217.	1.0	11
59	Gastrointestinal dopamine as an anti-incretin and its possible role in bypass surgery as therapy for type 2 diabetes with associated obesity. Minerva Endocrinologica, 2016, 41, 43-56.	1.7	11
60	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. Cellular Immunology, 1991, 134, 85-95.	1.4	10
61	HLA class I self peptides isolated from a Tâ€cell leukemia reveal the alleleâ€specific motif of HLAâ€B38. Tissue Antigens, 1994, 44, 65-72.	1.0	10
62	Effect of interferon alpha on MHC class II gene expression in ex vivo human islet tissue. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 627-635.	1.8	10
63	Major histocompatibility complex-restricted recognition of autologous chronic lymphocytic leukemia by tumor-specific T cells. Immunologic Research, 1993, 12, 338-348.	1.3	7
64	Shifting Gene Expression Profiles During Ex Vivo Culture of Renal Tumor Cells: Implications for Cancer Immunotherapy. Oncology Research, 2003, 14, 133-145.	0.6	7
65	Reply: Beta-cell Imaging: Opportunities and Limitations. Journal of Nuclear Medicine, 2011, 52, 493.2-495.	2.8	7
66	A novel optical tracer for VMAT2 applied to live cell measurements of vesicle maturation in cultured human Î²-cells. Scientific Reports, 2019, 9, 5403.	1.6	7
67	The Long Road to Pancreatic Islet Transplantation. World Journal of Surgery, 2010, 34, 625-627.	0.8	6
68	Contrasting effects of IFNÎ± on MHC class II expression in professional vs. nonprofessional APCs: Role of CIITA type IV promoter. Results in Immunology, 2012, 2, 174-183.	2.2	6
69	Amplification of T cell blastogenic responses in healthy individuals and patients with acquired immunodeficiency syndrome.. Journal of Clinical Investigation, 1990, 85, 746-756.	3.9	6
70	The active translation of MHCII mRNA during dendritic cells maturation supplies new molecules to the cell surface pool. Cellular Immunology, 2007, 246, 75-80.	1.4	5
71	Insulin Hexamerâ€Caged Gadolinium Ion as MRI Contrastâ€oâ€phore. Chemistry - A European Journal, 2018, 24, 10646-10652.	1.7	4
72	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. Frontiers in Pharmacology, 2020, 11, 574703.	1.6	4

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73	Engagement of CD45 during in vitro priming enhances antigen-specific Th cell frequencies. International Immunology, 1996, 8, 1265-1271.	1.8	3
74	A novel closed system utilizing styrene copolymer bead adherence for the production of human dendritic cells. Transfusion, 2000, 40, 1419-1420.	0.8	3
75	Targeting vesicular monoamine transporter Type 2 for noninvasive PET-based Î²-cell mass measurements. Expert Review of Endocrinology and Metabolism, 2007, 2, 35-46.	1.2	3
76	Polymorphism in the 5â€² terminal region of the mRNA of HLA-DQA1 gene: Identification of four groups of transcripts and their association with polymorphism in the a 1 domain. Human Immunology, 1997, 53, 167-173.	1.2	2
77	Specific T cell deletion by transfected human monocytes expressing Fas ligand and antigen. Human Immunology, 2000, 61, 575-584.	1.2	2
78	The Radiolabeling of a Gly-Sar Dipeptide Derivative with Flourine-18 and Its Use as a Potential Peptide Transporter PET Imaging Agent. Molecules, 2020, 25, 643.	1.7	1
79	Design, Synthesis, and Characterization of a Novel Fluoroprobe for Live Human Islet Cell Imaging of Serotonin 5â€HT _{1A} Receptor. ChemMedChem, 2022, , .	1.6	1
80	Hospital Management of Heroin Addicts Undergoing Cardiac Surgery: A Team Approach. Addiction, 1973, 68, 341-344.	1.7	0
81	Frontispiece: Insulin Hexamer-Caged Gadolinium Ion as MRI Contrast-o-phore. Chemistry - A European Journal, 2018, 24, .	1.7	0