Gerald J Prud'homme

List of Publications by Year
in descending order

83 papers	4,253 citations	126907 33 h-index	114465 63 g-index
83 all docs	83 docs citations	83 times ranked	5285 citing authors

#	Article	IF	Citations
1	Pathobiology of transforming growth factor Î² in cancer, fibrosis and immunologic disease, and therapeutic considerations. Laboratory Investigation, 2007, 87, 1077-1091.	3.7	370
2	GABA exerts protective and regenerative effects on islet beta cells and reverses diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11692-11697.	7.1	316
3	The Inhibitory Effects of Transforming Growth Factor-Beta-1 (TGF-Î²1) in Autoimmune Diseases. Journal of Autoimmunity, 2000, 14, 23-42.	6.5	258
4	Neuropilins are multifunctional coreceptors involved in tumor initiation, growth, metastasis and immunity. Oncotarget, 2012, 3, 921-939.	1.8	228
5	Neuropilin-1 is a receptor for transforming growth factor Î²-1, activates its latent form, and promotes regulatory T cell activity. Journal of Leukocyte Biology, 2008, 84, 302-310.	3.3	212
6	Electroporation-Enhanced Nonviral Gene Transfer for the Prevention or Treatment of Immunological, Endocrine and Neoplastic Diseases. Current Gene Therapy, 2006, 6, 243-273.	2.0	173
7	Treatment of murine lupus with cDNA encoding IFN-Î³R/Fc. Journal of Clinical Investigation, 2000, 106, 207-215.	8.2	157
8	Neuropilin-1 exerts co-receptor function for TGF-beta-1 on the membrane of cancer cells and enhances responses to both latent and active TGF-beta. Carcinogenesis, 2011, 32, 613-621.	2.8	153
9	GABA Promotes Human Î²-Cell Proliferation and Modulates Glucose Homeostasis. Diabetes, 2014, 63, 4197-4205.	0.6	125
10	Quantitative polymerase chain reaction analysis reveals marked overexpression of interleukin-1Î², interleukin-10 and interferon-Î³ mRNA in the lymph nodes of lupus-prone mice. Molecular Immunology, 1995, 32, 495-503.	2.2	123
11	Cancer Stem Cells and Novel Targets for Antitumor Strategies. Current Pharmaceutical Design, 2012, 18, 2838-2849.	1.9	121
12	Breast Cancer Stem-Like Cells Are Inhibited by a Non-Toxic Aryl Hydrocarbon Receptor Agonist. PLoS ONE, 2010, 5, e13831.	2.5	117
13	DNA vaccination against tumors. Journal of Gene Medicine, 2005, 7, 3-17.	2.8	102
14	Immunological GABAergic interactions and therapeutic applications in autoimmune diseases. Autoimmunity Reviews, 2015, 14, 1048-1056.	5.8	98
15	Gene therapy of autoimmune diseases with vectors encoding regulatory cytokines or inflammatory cytokine inhibitors. Journal of Gene Medicine, 2000, 2, 222-232.	2.8	78
16	The Phosphodiesterase Inhibitors Pentoxifylline and Rolipram Suppress Macrophage Activation and Nitric Oxide Production in Vitro and in Vivo. Clinical Immunology, 2001, 98, 272-279.	3.2	73
17	GABA Protects Human Islet Cells Against the Deleterious Effects of Immunosuppressive Drugs and Exerts Immunoinhibitory Effects Alone. Transplantation, 2013, 96, 616-623.	1.0	67
18	Immunotherapeutic gene transfer into muscle. Trends in Immunology, 2001, 22, 149-155.	6.8	63

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19	Intramuscular administration of expression plasmids encoding interferon-Î³ receptor/IgG1 or IL-4/IgG1 chimeric proteins protects from autoimmunity. Journal of Gene Medicine, 1999, 1, 415-423.	2.8	62
20	Tranilast inhibits the growth and metastasis of mammary carcinoma. Anti-Cancer Drugs, 2009, 20, 334-345.	1.4	56
21	Study of GABA in Healthy Volunteers: Pharmacokinetics and Pharmacodynamics. Frontiers in Pharmacology, 2015, 6, 260.	3.5	55
22	Neuropilin-1 is expressed by breast cancer stem-like cells and is linked to NF-ÎºB activation and tumor sphere formation. Biochemical and Biophysical Research Communications, 2012, 425, 775-780.	2.1	53
23	CD8+ T cells are predominantly protective and required for effective steroid therapy in murine models of immune thrombocytopenia. Blood, 2015, 126, 247-256.	1.4	51
24	Prevention of Experimental Allergic Encephalomyelitis by Intramuscular Gene Transfer with Cytokine-Encoding Plasmid Vectors. Human Gene Therapy, 1999, 10, 1915-1922.	2.7	48
25	GABAergic system in the endocrine pancreas: a new target for diabetes treatment. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2015, 8, 79.	2.4	47
26	Immunoinhibitory DNA Vaccine Protects Against Autoimmune Diabetes Through cDNA Encoding a Selective CTLA-4 (CD152) Ligand. Human Gene Therapy, 2002, 13, 395-406.	2.7	45
27	Neuropilin-1 is a receptor for extracellular miRNA and AGO2/miRNA complexes and mediates the internalization of miRNAs that modulate cell function. Oncotarget, 2016, 7, 68057-68071.	1.8	43
28	Cyclosporine-Induced Autoimmunity and Immune Hyperreactivity. Autoimmunity, 1991, 9, 345-356.	2.6	39
29	Gene therapy of streptozotocin-induced diabetes by intramuscular delivery of modified preproinsulin genes. Journal of Gene Medicine, 2003, 5, 425-437.	2.8	39
30	Novel GLP-1 Fusion Chimera as Potent Long Acting GLP-1 Receptor Agonist. PLoS ONE, 2010, 5, e12734.	2.5	39
31	Tranilast treatment decreases cell growth, migration and inhibits colony formation of human breast cancer cells. Experimental and Molecular Pathology, 2011, 90, 116-122.	2.1	38
32	Tranilast inhibits cell proliferation and migration and promotes apoptosis in murine breast cancer. Anti-Cancer Drugs, 2010, 21, 351-361.	1.4	36
33	The anti-aging protein Klotho is induced by GABA therapy and exerts protective and stimulatory effects on pancreatic beta cells. Biochemical and Biophysical Research Communications, 2017, 493, 1542-1547.	2.1	36
34	GABAergic regulation of pancreatic islet cells: Physiology and antidiabetic effects. Journal of Cellular Physiology, 2019, 234, 14432-14444.	4.1	35
35	Novel regulatory role of neuropilin-1 in endothelial-to-mesenchymal transition and fibrosis in pancreatic ductal adenocarcinoma. Oncotarget, 2016, 7, 69489-69506.	1.8	35
36	Pathobiology of the Klotho Antiaging Protein and Therapeutic Considerations. Frontiers in Aging, 0, 3, .	2.6	35

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37	Cyclosporine, Tolerance, and Autoimmunity. Clinical Immunology and Immunopathology, 1993, 66, 185-192.	2.0	34
38	GABA protects pancreatic beta cells against apoptosis by increasing SIRT1 expression and activity. Biochemical and Biophysical Research Communications, 2014, 452, 649-654.	2.1	33
39	Combined Oral Administration of GABA and DPP-4 Inhibitor Prevents Beta Cell Damage and Promotes Beta Cell Regeneration in Mice. Frontiers in Pharmacology, 2017, 8, 362.	3.5	33
40	Sarcoidosis Complicated by Cirrhosis and Hepatopulmonary Syndrome. Canadian Respiratory Journal, 2008, 15, 124-126.	1.6	32
41	Optimization of Ultrasound-mediated Anti-angiogenic Cancer Gene Therapy. Molecular Therapy - Nucleic Acids, 2013, 2, e94.	5.1	29
42	Plasmids encoding membrane-bound IL-4 or IL-12 strongly costimulate DNA vaccination against carcinoembryonic antigen (CEA). Vaccine, 2004, 22, 1199-1205.	3.8	28
43	Current indications and surgical approaches to corneal transplants at the University of Toronto: A clinical-pathological study. Canadian Journal of Ophthalmology, 2017, 52, 74-79.	0.7	28
44	Protective Regulatory T Cell Generation in Autoimmune Diabetes by DNA Covaccination with Islet Antigens and a Selective CTLA-4 Ligand. Molecular Therapy, 2006, 14, 578-587.	8.2	27
45	Combined use of GABA and sitagliptin promotes human Î²-cell proliferation and reduces apoptosis. Journal of Endocrinology, 2021, 248, 133-143.	2.6	21
46	Impaired negative regulation of homeostatically proliferating T cells. Blood, 2009, 113, 622-625.	1.4	19
47	Combined effect of GABA and glucagonâ€like peptideâ€1 receptor agonist on cytokineâ€induced apoptosis in pancreatic Î²â€cell line and isolated human islets. Journal of Diabetes, 2019, 11, 563-572.	1.8	19
48	Cellular immune abnormalities and autoreactive T lymphocytes in insulin-dependent diabetes mellitus in rats. Trends in Immunology, 1985, 6, 160-162.	7.5	18
49	Inhibitors of Phosphodiesterase Isoforms III or IV Suppress Islet-Cell Nitric Oxide Production. Laboratory Investigation, 2001, 81, 1109-1117.	3.7	18
50	Altering immune tolerance therapeutically: the power of negative thinking. Journal of Leukocyte Biology, 2004, 75, 586-599.	3.3	18
51	Alginate-poly-L-lysine microcapsule biocompatibility: A novel RT-PCR method for cytokine gene expression analysis in pericapsular infiltrates. , 1999, 45, 223-230.		17
52	Anticytokine gene therapy of autoimmune diseases. Expert Opinion on Biological Therapy, 2001, 1, 359-373.	3.1	17
53	Effects of Cyclosporin A, Rapamycin, and FK520 on Peripheral T-Cell Deletion and Anergy. Cellular Immunology, 1995, 164, 47-56.	3.0	16
54	In Vivo Generation of Dendritic Cells by Intramuscular Codelivery of FLT3 Ligand and GM-CSF Plasmids. Molecular Therapy, 2002, 6, 407-414.	8.2	16

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55	Immune Modulation by Plasmid DNA-mediated Cytokine Gene Transfer. Current Pharmaceutical Design, 2003, 9, 83-94.	1.9	16
56	Nonâ€“Small Cell Bronchial Carcinoma Metastasizing into a Prolactin-Producing Pituitary Adenoma. International Journal of Surgical Pathology, 2013, 21, 68-71.	0.8	16
57	Autoimmunity-prone BB rats lack functional cytotoxic T cells. Cellular Immunology, 1988, 114, 198-208.	3.0	14
58	Intramuscular gene transfer of soluble B7.1/IgG1 fusion cDNA induces potent antitumor immunity as an adjuvant for DNA vaccination. Cancer Gene Therapy, 2003, 10, 491-499.	4.6	14
59	Jack of many trades: Multifaceted role of neuropilins in pancreatic cancer. Cancer Medicine, 2018, 7, 5036-5046.	2.8	14
60	T-cell maturation and clonal deletion in cyclosporine-induced autoimmunity. Journal of Autoimmunity, 1991, 4, 357-368.	6.5	13
61	Regulation of CD4 T Cell Reactivity to Self and Non-Self. International Reviews of Immunology, 1995, 13, 147-160.	3.3	13
62	Prevention of autoimmune diabetes by DNA vaccination. Expert Review of Vaccines, 2003, 2, 533-540.	4.4	12
63	Regulatory cytokine production stimulated by DNA vaccination against an altered form of glutamic acid decarboxylase 65 in nonobese diabetic mice. Journal of Molecular Medicine, 2003, 81, 175-184.	3.9	11
64	A site-specific genomic integration strategy for sustained expression of glucagon-like peptide-1 in mouse muscle for controlling energy homeostasis. Biochemical and Biophysical Research Communications, 2010, 403, 172-177.	2.1	11
65	Systemic Klotho therapy protects against insulitis and enhances beta-cell mass in NOD mice. Biochemical and Biophysical Research Communications, 2020, 525, 693-698.	2.1	11
66	GABA requires GLP-1R to exert its pancreatic function during STZ challenge. Journal of Endocrinology, 2020, 246, 207-222.	2.6	11
67	A mutant B7-1/Ig fusion protein that selectively binds to CTLA-4 ameliorates anti-tumor DNA vaccination and counters regulatory T cell activity. Vaccine, 2005, 23, 4553-4564.	3.8	9
68	Novel GLP-1 Analog Supaglutide Stimulates Insulin Secretion in Mouse and Human Islet Beta-Cells and Improves Glucose Homeostasis in Diabetic Mice. Frontiers in Physiology, 2019, 10, 930.	2.8	9
69	Analysis of Pancreas-Infiltrating T Cells in Diabetic NOD Mice: Fusion with BW5147 Yields a High Frequency of Islet-Reactive Hybridomas. Autoimmunity, 1991, 10, 285-289.	2.6	5
70	Role of T Helper Lymphocytes in Autoimmune Diseases. , 1989, , 117-131.		5
71	Natural suppressor-like cells in local graft-vs-host disease. Cellular Immunology, 1989, 118, 516-525.	3.0	4
72	Immunity against a therapeutic xenoprotein/Fc construct delivered by gene transfer is reduced through binding to the inhibitory receptor FcÎ³RIIb. Journal of Gene Medicine, 2011, 13, 470-477.	2.8	4

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73	DNA Vaccination against Autoimmune Diseases. , 2005, , 112-136.		4
74	Gene Therapy with Plasmids Encoding Cytokine- or Cytokine Receptor-IgG Chimeric Proteins. , 2003, 215, 153-170.		2
75	The Role of Neuropilins in TGF-Î² Signaling and Cancer Biology. , 2017, , 187-212.		2
76	Abstract 2919: Ultrasound-mediated neuropilin-1 shRNA minicircle delivery inhibits tumour growth in an orthotopic human pancreatic adenocarcinoma model. Cancer Research, 2016, 76, 2919-2919.	0.9	2
77	Immunogene Therapy with Nonviral Vectors. , 2005, , 43-70.		1
78	Neuropilinâ€1 is a receptor for latent and active TGFÎ²â€1and is involved in suppression by regulatory T cells. FASEB Journal, 2008, 22, 664.4.	0.5	1
79	Abstract LB-290: Tranilast inhibits breast cancer stem cells. , 2010, , .		0
80	A New Application for the Drug Tranilast: Effects on Breast Cancer Cell Proliferation, Migration, and Invasion. FASEB Journal, 2010, 24, 354.9.	0.5	0
81	Abstract 4171: Novel regulatory role of Neuropilin-1 in endothelial to mesenchymal transition as a potential source of carcinoma associated fibroblasts. Cancer Research, 2015, 75, 4171-4171.	0.9	0
82	Abstract 3367: Overexpression of neuropilin-1 exacerbates endothelial-to-mesenchymal transition and fibrosis in pancreatic ductal adenocarcinoma. , 2016, , .		0
83	Gamma-Aminobutyric Acid Requires GLP-1 Receptor to Effectively Exert Its Pancreatic Function During Streptozotocin Challenge. SSRN Electronic Journal, 0, , .	0.4	0