Giuseppe Penna

List of Publications by Year in Descending Order

76 papers	9,317 citations	47 h-index	80 g-index
80 ext. papers	10,651 ext. citations	8.5 avg, IF	5.9 L-index

#	Paper	IF	Citations
76	Paralysis of the cytotoxic granule machinery is a new cancer immune evasion mechanism mediated by chitinase 3-like-1 **2021**, 9,		4
75	Identification of a choroid plexus vascular barrier closing during intestinal inflammation. *Science*, **2021**, 374, 439-448	33.3	21
74	Gut vascular barrier impairment leads to intestinal bacteria dissemination and colorectal cancer metastasis to liver. *Cancer Cell*, **2021**, 39, 708-724.e11	24.3	34
73	Functional characterization and immunomodulatory properties of Lactobacillus helveticus strains isolated from Italian hard cheeses. *PLoS ONE*, **2021**, 16, e0245903	3.7	1
72	Identification of a class of non-conventional ER-stress-response-derived immunogenic peptides. *Cell Reports*, **2021**, 36, 109312	10.6	2
71	Endogenous murine microbiota member Faecalibaculum rodentium and its human homologue protect from intestinal tumour growth. *Nature Microbiology*, **2020**, 5, 511-524	26.6	104
70	Microbiota-driven gut vascular barrier disruption is a prerequisite for non-alcoholic steatohepatitis development. *Journal of Hepatology*, **2019**, 71, 1216-1228	13.4	163
69	Genomic diversity and immunomodulatory activity of Lactobacillus plantarum isolated from dairy products. *Beneficial Microbes*, **2017**, 8, 597-604	4.9	8
68	Coagulation induced by C3aR-dependent NETosis drives protumorigenic neutrophils during small intestinal tumorigenesis. *Nature Communications*, **2016**, 7, 11037	17.4	126
67	The EGFR-specific antibody cetuximab combined with chemotherapy triggers immunogenic cell death. *Nature Medicine*, **2016**, 22, 624-31	50.5	145
66	Dichotomy of short and long thymic stromal lymphopoietin isoforms in inflammatory disorders of the bowel and skin. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 413-22	11.5	75
65	BALB/c and C57BL/6 Mice Differ in Polyreactive IgA Abundance, which Impacts the Generation of Antigen-Specific IgA and Microbiota Diversity. *Immunity*, **2015**, 43, 527-40	32.3	188
64	The immune system in the control of microbiota homeostasis. *Italian Journal of Pediatrics*, **2015**, 41,	3.2	78
63	A gut-vascular barrier controls the systemic dissemination of bacteria. *Science*, **2015**, 350, 830-4	33.3	269
62	Oral tolerance can be established via gap junction transfer of fed antigens from CX3CR1+ macrophages to CD103+ dendritic cells. *Immunity*, **2014**, 40, 248-61	32.3	306
61	Lactobacillus paracasei CBA L74 metabolic products and fermented milk for infant formula have anti-inflammatory activity on dendritic cells in vitro and protective effects against colitis and an enteric pathogen in vivo. *PLoS ONE*, **2014**, 9, e87615	3.7	62
60	Dendritic Cell Modulation by the Vitamin D System **2012**, 103-125		

59	Probiotic and postbiotic activity in health and disease: comparison on a novel polarised ex-vivo organ culture model. *Gut*, **2012**, 61, 1007-15	19.2	209
58	Farnesoid X receptor activation inhibits inflammation and preserves the intestinal barrier in inflammatory bowel disease. *Gut*, **2011**, 60, 463-72	19.2	426
57	Vitamin D receptor agonists target static, dynamic, and inflammatory components of benign prostatic hyperplasia. *Annals of the New York Academy of Sciences*, **2010**, 1193, 146-52	6.5	46
56	Human prostatic urethra expresses vitamin D receptor and responds to vitamin D receptor ligation. *Journal of Endocrinological Investigation*, **2010**, 33, 730-8	5.2	9
55	Chronic inflammation in the pathogenesis of benign prostatic hyperplasia. *Journal of Developmental and Physical Disabilities*, **2010**, 33, 475-88		140
54	Efficacy of a potent and safe vitamin D receptor agonist for the treatment of inflammatory bowel disease. *Immunology Letters*, **2010**, 131, 49-58	4.1	58
53	Prostate autoimmunity: from experimental models to clinical counterparts. *Expert Review of Clinical Immunology*, **2009**, 5, 577-86	5.1	23
52	Human benign prostatic hyperplasia stromal cells as inducers and targets of chronic immuno-mediated inflammation. *Journal of Immunology*, **2009**, 182, 4056-64	5.3	121
51	The vitamin D receptor agonist elocalcitol inhibits IL-8-dependent benign prostatic hyperplasia stromal cell proliferation and inflammatory response by targeting the RhoA/Rho kinase and NF-kappaB pathways. *Prostate*, **2009**, 69, 480-93	4.2	76
50	Dendritic cell tolerogenicity: a key mechanism in immunomodulation by vitamin D receptor agonists. *Human Immunology*, **2009**, 70, 345-52	2.3	150
49	Induction of tolerogenic dendritic cells by vitamin D receptor agonists. *Handbook of Experimental Pharmacology*, **2009**, 251-73	3.2	74
48	Synthesis and anti-inflammatory properties of 1alpha,25-dihydroxy-16-ene-20-cyclopropyl-24-oxo-vitamin D3, a hypocalcemic, stable metabolite of 1alpha,25-dihydroxy-16-ene-20-cyclopropyl-vitamin D3. *Journal of Medicinal Chemistry*, **2009**, 52, 2204-13	8.3	32
47	Control of autoimmune diseases by the vitamin D endocrine system. *Nature Clinical Practice Rheumatology*, **2008**, 4, 404-12		377
46	Vitamin D receptor agonists in the treatment of autoimmune diseases: selective targeting of myeloid but not plasmacytoid dendritic cells. *Journal of Bone and Mineral Research*, **2007**, 22 Suppl 2, V69-73	6.3	26
45	Seminal plasma cytokines and chemokines in prostate inflammation: interleukin 8 as a predictive biomarker in chronic prostatitis/chronic pelvic pain syndrome and benign prostatic hyperplasia. *European Urology*, **2007**, 51, 524-33; discussion 533	10.2	216
44	Spontaneous and prostatic steroid binding protein peptide-induced autoimmune prostatitis in the nonobese diabetic mouse. *Journal of Immunology*, **2007**, 179, 1559-67	5.3	43
43	Vitamin D receptor agonists as anti-inflammatory agents. *Expert Review of Clinical Immunology*, **2007**, 3, 477-89	5.1	13
42	1,25-Dihydroxyvitamin D3 selectively modulates tolerogenic properties in myeloid but not plasmacytoid dendritic cells. *Journal of Immunology*, **2007**, 178, 145-53	5.3	264

41	Calcitriol derivatives with two different side chains at C-20 III. An epimeric pair of the gemini family with unprecedented antiproliferative effects on tumor cells and renin mRNA expression inhibition. *Journal of Steroid Biochemistry and Molecular Biology*, **2007**, 103, 277-81	5.1	19
40	Inhibition of prostate growth and inflammation by the vitamin D receptor agonist BXL-628 (elocalcitol). *Journal of Steroid Biochemistry and Molecular Biology*, **2007**, 103, 689-93	5.1	70
39	Animal models of spontaneous autoimmune disease: type 1 diabetes in the nonobese diabetic mouse. *Methods in Molecular Biology*, **2007**, 380, 285-311	1.4	47
38	Vitamin D receptor agonists, cancer and the immune system: an intricate relationship. *Current Topics in Medicinal Chemistry*, **2006**, 6, 1297-301	3	23
37	Treatment of experimental autoimmune prostatitis in nonobese diabetic mice by the vitamin D receptor agonist elocalcitol. *Journal of Immunology*, **2006**, 177, 8504-11	5.3	99
36	Leukocyte migration to pancreatic islets: a critical step in the pathogenesis of type 1 diabetes **2006**, 167-179		1
35	Expression of the inhibitory receptor ILT3 on dendritic cells is dispensable for induction of CD4+Foxp3+ regulatory T cells by 1,25-dihydroxyvitamin D3. *Blood*, **2005**, 106, 3490-7	2.2	304
34	Manipulating dendritic cells to induce regulatory T cells. *Microbes and Infection*, **2005**, 7, 1033-9	9.3	35
33	Exploiting the potential of regulatory T cells in the control of type 1 diabetes **2005**, 95-109		
32	Human immunodeficiency virus type 1 gp120 and other activation stimuli are highly effective in triggering alpha interferon and CC chemokine production in circulating plasmacytoid but not myeloid dendritic cells. *Journal of Virology*, **2005**, 79, 12597-601	6.6	42
31	A vitamin D analog down-regulates proinflammatory chemokine production by pancreatic islets inhibiting T cell recruitment and type 1 diabetes development. *Journal of Immunology*, **2004**, 173, 2280-7	5.3	154
30	Pharmacological induction of tolerogenic dendritic cells and regulatory T cells. *Seminars in Immunology*, **2004**, 16, 127-34	10.7	159
29	Dendritic cells as key targets for immunomodulation by Vitamin D receptor ligands. *Journal of Steroid Biochemistry and Molecular Biology*, **2004**, 89-90, 437-41	5.1	150
28	IL-12 administration accelerates autoimmune diabetes in both wild-type and IFN-gamma-deficient nonobese diabetic mice, revealing pathogenic and protective effects of IL-12-induced IFN-gamma. *Journal of Immunology*, **2003**, 170, 5491-501	5.3	74
27	Tolerogenic dendritic cells induced by vitamin D receptor ligands enhance regulatory T cells inhibiting allograft rejection and autoimmune diseases. *Journal of Cellular Biochemistry*, **2003**, 88, 227-33	4.7	170
26	Unique regulation of CCL18 production by maturing dendritic cells. *Journal of Immunology*, **2003**, 170, 3843-9	5.3	134
25	Induction of macrophage-derived chemokine/CCL22 expression in experimental autoimmune encephalomyelitis and cultured microglia: implications for disease regulation. *Journal of Neuroimmunology*, **2002**, 130, 10-21	3.5	86
24	Polymorphisms in the Il12b gene affect structure and expression of IL-12 in NOD and other autoimmune-prone mouse strains. *Genes and Immunity*, **2002**, 3, 151-7	4.4	28

23	Cutting edge: differential chemokine production by myeloid and plasmacytoid dendritic cells. *Journal of Immunology*, **2002**, 169, 6673-6	5.3	163
22	Thiol antioxidants inhibit the formation of the interleukin-12 heterodimer: a novel mechanism for the inhibition of IL-12 production. *Cytokine*, **2002**, 17, 285-93	4	16
21	Differential migration behavior and chemokine production by myeloid and plasmacytoid dendritic cells. *Human Immunology*, **2002**, 63, 1164-71	2.3	193
20	IL-12 administration reveals diabetogenic T cells in genetically resistant I-Ealpha-transgenic nonobese diabetic mice: resistance to autoimmune diabetes is associated with binding of Ealpha-derived peptides to the I-A(g7) molecule. *Journal of Immunology*, **2001**, 167, 4104-14	5.3	12
19	Delivery to the central nervous system of a nonreplicative herpes simplex type 1 vector engineered with the interleukin 4 gene protects rhesus monkeys from hyperacute autoimmune encephalomyelitis. *Human Gene Therapy*, **2001**, 12, 905-20	4.8	52
18	Intrathecal delivery of IFN-gamma protects C57BL/6 mice from chronic-progressive experimental autoimmune encephalomyelitis by increasing apoptosis of central nervous system-infiltrating lymphocytes. *Journal of Immunology*, **2001**, 167, 1821-9	5.3	156
17	Induction of transplantation tolerance by 1,25-dihydroxyvitamin D(3). *Transplantation Proceedings*, **2001**, 33, 58-9	1.1	9
16	Inhibition of costimulatory pathways for T-cell activation by 1,25-dihydroxyvitamin D(3). *Transplantation Proceedings*, **2001**, 33, 2083-4	1.1	13
15	Cutting edge: selective usage of chemokine receptors by plasmacytoid dendritic cells. *Journal of Immunology*, **2001**, 167, 1862-6	5.3	272
14	The control of T cell responses by dendritic cell subsets. *Current Opinion in Immunology*, **2000**, 12, 114-21	7.8	194
13	Early Th1 response in unprimed nonobese diabetic mice to the tyrosine phosphatase-like insulinoma-associated protein 2, an autoantigen in type 1 diabetes. *Journal of Immunology*, **2000**, 165, 6748-55	5.3	35
12	Functional maturation of adult mouse resting microglia into an APC is promoted by granulocyte-macrophage colony-stimulating factor and interaction with Th1 cells. *Journal of Immunology*, **2000**, 164, 1705-12	5.3	125
11	1 Alpha,25-dihydroxyvitamin D3 inhibits differentiation, maturation, activation, and survival of dendritic cells leading to impaired alloreactive T cell activation. *Journal of Immunology*, **2000**, 164, 2405-11	5.3	1014
10	The involvement of IL-12 in murine experimentally induced autoimmune thyroid disease. *European Journal of Immunology*, **1999**, 29, 1933-42	6.1	34
9	Relative efficiency of microglia, astrocytes, dendritic cells and B cells in naive CD4+ T cell priming and Th1/Th2 cell restimulation. *European Journal of Immunology*, **1999**, 29, 2705-14	6.1	107
8	CD40-CD154 interaction and IFN-gamma are required for IL-12 but not prostaglandin E2 secretion by microglia during antigen presentation to Th1 cells. *Journal of Immunology*, **1999**, 162, 1384-91	5.3	67
7	A peptide binding motif for I-Eg7, the MHC class II molecule that protects E alpha-transgenic nonobese diabetic mice from autoimmune diabetes. *Journal of Immunology*, **1999**, 162, 6630-40	5.3	9
6	Pancreas-infiltrating Th1 cells and diabetes develop in IL-12-deficient nonobese diabetic mice. *Journal of Immunology*, **1999**, 163, 2960-8	5.3	59

5	Th1 cells induce and Th2 inhibit antigen-dependent IL-12 secretion by dendritic cells. *European Journal of Immunology*, **1998**, 28, 2003-16	6.1	68
4	Maturation stages of mouse dendritic cells in growth factor-dependent long-term cultures. *Journal of Experimental Medicine*, **1997**, 185, 317-28	16.6	717
3	Deviation of pancreas-infiltrating cells to Th2 by interleukin-12 antagonist administration inhibits autoimmune diabetes. *European Journal of Immunology*, **1997**, 27, 2330-9	6.1	112
2	Interleukin 12 administration induces T helper type 1 cells and accelerates autoimmune diabetes in NOD mice. *Journal of Experimental Medicine*, **1995**, 181, 817-21	16.6	404
1	Dendritic Cell Manipulation with Biological and Pharmacological Agents to Induce Regulatory T Cells545-567		