

Giuseppe Penna

List of Publications by Year in descending order

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79
papers

11,633
citations

41344
49
h-index

82547
72
g-index

80
all docs

80
docs citations

80
times ranked

13602
citing authors

#	ARTICLE	IF	CITATIONS
1	1 α ,25-Dihydroxyvitamin D3 Inhibits Differentiation, Maturation, Activation, and Survival of Dendritic Cells Leading to Impaired Alloreactive T Cell Activation. <i>Journal of Immunology</i> , 2000, 164, 2405-2411.	0.8	1,146
2	Maturation Stages of Mouse Dendritic Cells in Growth Factor–dependent Long-Term Cultures. <i>Journal of Experimental Medicine</i> , 1997, 185, 317-328.	8.5	793
3	Farnesoid X receptor activation inhibits inflammation and preserves the intestinal barrier in inflammatory bowel disease. <i>Gut</i> , 2011, 60, 463-472.	12.1	612
4	Control of autoimmune diseases by the vitamin D endocrine system. <i>Nature Clinical Practice Rheumatology</i> , 2008, 4, 404-412.	3.2	477
5	A gut-vascular barrier controls the systemic dissemination of bacteria. <i>Science</i> , 2015, 350, 830-834.	12.6	446
6	Interleukin 12 administration induces T helper type 1 cells and accelerates autoimmune diabetes in NOD mice.. <i>Journal of Experimental Medicine</i> , 1995, 181, 817-821.	8.5	433
7	Microbiota-driven gut vascular barrier disruption is a prerequisite for non-alcoholic steatohepatitis development. <i>Journal of Hepatology</i> , 2019, 71, 1216-1228.	3.7	388
8	Oral Tolerance Can Be Established via Gap Junction Transfer of Fed Antigens from CX3CR1+ Macrophages to CD103+ Dendritic Cells. <i>Immunity</i> , 2014, 40, 248-261.	14.3	384
9	Expression of the inhibitory receptor ILT3 on dendritic cells is dispensable for induction of CD4+Foxp3+ regulatory T cells by 1,25-dihydroxyvitamin D3. <i>Blood</i> , 2005, 106, 3490-3497.	1.4	373
10	1,25-Dihydroxyvitamin D3 Selectively Modulates Tolerogenic Properties in Myeloid but Not Plasmacytoid Dendritic Cells. <i>Journal of Immunology</i> , 2007, 178, 145-153.	0.8	305
11	Cutting Edge: Selective Usage of Chemokine Receptors by Plasmacytoid Dendritic Cells. <i>Journal of Immunology</i> , 2001, 167, 1862-1866.	0.8	297
12	Probiotic and postbiotic activity in health and disease: comparison on a novel polarised ex-vivo organ culture model. <i>Gut</i> , 2012, 61, 1007-1015.	12.1	268
13	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. <i>European Urology</i> , 2007, 51, 524-533.	1.9	250
14	Endogenous murine microbiota member <i>Faecalibaculum rodentium</i> and its human homologue protect from intestinal tumour growth. <i>Nature Microbiology</i> , 2020, 5, 511-524.	13.3	248
15	BALB/c and C57BL/6 Mice Differ in Polyreactive IgA Abundance, which Impacts the Generation of Antigen-Specific IgA and Microbiota Diversity. <i>Immunity</i> , 2015, 43, 527-540.	14.3	247
16	Differential migration behavior and chemokine production by myeloid and plasmacytoid dendritic cells. <i>Human Immunology</i> , 2002, 63, 1164-1171.	2.4	216
17	The control of T cell responses by dendritic cell subsets. <i>Current Opinion in Immunology</i> , 2000, 12, 114-121.	5.5	215
18	The EGFR-specific antibody cetuximab combined with chemotherapy triggers immunogenic cell death. <i>Nature Medicine</i> , 2016, 22, 624-631.	30.7	214

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19	Tolerogenic dendritic cells induced by vitamin D receptor ligands enhance regulatory T cells inhibiting allograft rejection and autoimmune diseases. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 227-233.	2.6	208
20	Coagulation induced by C3aR-dependent NETosis drives protumorigenic neutrophils during small intestinal tumorigenesis. <i>Nature Communications</i> , 2016, 7, 11037.	12.8	192
21	Dendritic cell tolerogenicity: a key mechanism in immunomodulation by vitamin D receptor agonists. <i>Human Immunology</i> , 2009, 70, 345-352.	2.4	190
22	Intrathecal Delivery of IFN- γ Protects C57BL/6 Mice from Chronic-Progressive Experimental Autoimmune Encephalomyelitis by Increasing Apoptosis of Central Nervous System-Infiltrating Lymphocytes. <i>Journal of Immunology</i> , 2001, 167, 1821-1829.	0.8	182
23	Pharmacological induction of tolerogenic dendritic cells and regulatory T cells. <i>Seminars in Immunology</i> , 2004, 16, 127-134.	5.6	181
24	Chronic inflammation in the pathogenesis of benign prostatic hyperplasia. <i>Journal of Developmental and Physical Disabilities</i> , 2010, 33, 475-488.	3.6	178
25	Gut vascular barrier impairment leads to intestinal bacteria dissemination and colorectal cancer metastasis to liver. <i>Cancer Cell</i> , 2021, 39, 708-724.e11.	16.8	175
26	Cutting Edge: Differential Chemokine Production by Myeloid and Plasmacytoid Dendritic Cells. <i>Journal of Immunology</i> , 2002, 169, 6673-6676.	0.8	173
27	Dendritic cells as key targets for immunomodulation by Vitamin D receptor ligands. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 89-90, 437-441.	2.5	173
28	A Vitamin D Analog Down-Regulates Proinflammatory Chemokine Production by Pancreatic Islets Inhibiting T Cell Recruitment and Type 1 Diabetes Development. <i>Journal of Immunology</i> , 2004, 173, 2280-2287.	0.8	170
29	Human Benign Prostatic Hyperplasia Stromal Cells As Inducers and Targets of Chronic Immuno-Mediated Inflammation. <i>Journal of Immunology</i> , 2009, 182, 4056-4064.	0.8	155
30	Unique Regulation of CCL18 Production by Maturing Dendritic Cells. <i>Journal of Immunology</i> , 2003, 170, 3843-3849.	0.8	144
31	Functional Maturation of Adult Mouse Resting Microglia into an APC Is Promoted by Granulocyte-Macrophage Colony-Stimulating Factor and Interaction with Th1 Cells. <i>Journal of Immunology</i> , 2000, 164, 1705-1712.	0.8	137
32	Deviation of pancreas-infiltrating cells to Th2 by interleukin-12 antagonist administration inhibits autoimmune diabetes. <i>European Journal of Immunology</i> , 1997, 27, 2330-2339.	2.9	119
33	Relative efficiency of microglia, astrocytes, dendritic cells and B cells in naive CD4+ T cell priming and Th1/Th2 cell restimulation. <i>European Journal of Immunology</i> , 1999, 29, 2705-2714.	2.9	115
34	Identification of a choroid plexus vascular barrier closing during intestinal inflammation. <i>Science</i> , 2021, 374, 439-448.	12.6	115
35	Induction of macrophage-derived chemokine/CCL22 expression in experimental autoimmune encephalomyelitis and cultured microglia: implications for disease regulation. <i>Journal of Neuroimmunology</i> , 2002, 130, 10-21.	2.3	112
36	Treatment of Experimental Autoimmune Prostatitis in Nonobese Diabetic Mice by the Vitamin D Receptor Agonist Elocalcitol. <i>Journal of Immunology</i> , 2006, 177, 8504-8511.	0.8	112

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37	Dichotomy of short and long thymic stromal lymphopoietin isoforms in inflammatory disorders of the bowel and skin. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 413-422.	2.9	102
38	Induction of Tolerogenic Dendritic Cells by Vitamin D Receptor Agonists. <i>Handbook of Experimental Pharmacology</i> , 2009, , 251-273.	1.8	98
39	The vitamin D receptor agonist elocalcitol inhibits IL-6-dependent benign prostatic hyperplasia stromal cell proliferation and inflammatory response by targeting the RhoA/Rho kinase and NF- κ B pathways. <i>Prostate</i> , 2009, 69, 480-493.	2.3	87
40	IL-12 Administration Accelerates Autoimmune Diabetes in Both Wild-Type and IFN- γ -Deficient Nonobese Diabetic Mice, Revealing Pathogenic and Protective Effects of IL-12-Induced IFN- γ . <i>Journal of Immunology</i> , 2003, 170, 5491-5501.	0.8	83
41	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. <i>PLoS ONE</i> , 2014, 9, e87615.	2.5	83
42	Th1 cells induce and Th2 inhibit antigen-dependent IL-12 secretion by dendritic cells. <i>European Journal of Immunology</i> , 1998, 28, 2003-2016.	2.9	75
43	Inhibition of prostate growth and inflammation by the vitamin D receptor agonist BXL-628 (elocalcitol). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 103, 689-693.	2.5	74
44	Efficacy of a potent and safe vitamin D receptor agonist for the treatment of inflammatory bowel disease. <i>Immunology Letters</i> , 2010, 131, 49-58.	2.5	71
45	CD40-CD154 interaction and IFN-gamma are required for IL-12 but not prostaglandin E2 secretion by microglia during antigen presentation to Th1 cells. <i>Journal of Immunology</i> , 1999, 162, 1384-91.	0.8	69
46	Pancreas-infiltrating Th1 cells and diabetes develop in IL-12-deficient nonobese diabetic mice. <i>Journal of Immunology</i> , 1999, 163, 2960-8.	0.8	60
47	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. <i>Human Gene Therapy</i> , 2001, 12, 905-920.	2.7	57
48	Vitamin D receptor agonists target static, dynamic, and inflammatory components of benign prostatic hyperplasia. <i>Annals of the New York Academy of Sciences</i> , 2010, 1193, 146-152.	3.8	56
49	Spontaneous and Prostatic Steroid Binding Protein Peptide-Induced Autoimmune Prostatitis in the Nonobese Diabetic Mouse. <i>Journal of Immunology</i> , 2007, 179, 1559-1567.	0.8	52
50	Animal Models of Spontaneous Autoimmune Disease. <i>Methods in Molecular Biology</i> , 2007, 380, 285-311.	0.9	52
51	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. <i>Journal of Virology</i> , 2005, 79, 12597-12601.	3.4	46
52	The involvement of IL-12 in murine experimentally induced autoimmune thyroid disease. <i>European Journal of Immunology</i> , 1999, 29, 1933-1942.	2.9	38
53	Early Th1 Response in Unprimed Nonobese Diabetic Mice to the Tyrosine Phosphatase-Like Insulinoma-Associated Protein 2, an Autoantigen in Type 1 Diabetes. <i>Journal of Immunology</i> , 2000, 165, 6748-6755.	0.8	37
54	Manipulating dendritic cells to induce regulatory T cells. <i>Microbes and Infection</i> , 2005, 7, 1033-1039.	1.9	37

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55	Synthesis and Anti-inflammatory Properties of 1 α ,25-Dihydroxy-16-ene-20-cyclopropyl-24-oxo-vitamin D ₃ , a Hypocalcemic, Stable Metabolite of 1 α ,25-Dihydroxy-16-ene-20-cyclopropyl-vitamin D ₃ . Journal of Medicinal Chemistry, 2009, 52, 2204-2213.	6.4	36
56	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, V69-V73.	2.8	32
57	Vitamin D Receptor Agonists, Cancer and the Immune System: An Intricate Relationship. Current Topics in Medicinal Chemistry, 2006, 6, 1297-1301.	2.1	31
58	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, 151-157.	4.1	29
59	Prostate autoimmunity: from experimental models to clinical counterparts. Expert Review of Clinical Immunology, 2009, 5, 577-586.	3.0	26
60	Calcitriol derivatives with two different side chains at C-20. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 277-281.	2.5	21
61	THIOL ANTIOXIDANTS INHIBIT THE FORMATION OF THE INTERLEUKIN-12 HETERODIMER: A NOVEL MECHANISM FOR THE INHIBITION OF IL-12 PRODUCTION. Cytokine, 2002, 17, 285-293.	3.2	17
62	Vitamin D receptor agonists as anti-inflammatory agents. Expert Review of Clinical Immunology, 2007, 3, 477-489.	3.0	16
63	Inhibition of costimulatory pathways for T-cell activation by 1,25-dihydroxyvitamin D3. Transplantation Proceedings, 2001, 33, 2083-2084.	0.6	14
64	IL-12 Administration Reveals Diabetogenic T Cells in Genetically Resistant I-E β -Transgenic Nonobese Diabetic Mice: Resistance to Autoimmune Diabetes Is Associated with Binding of E β -Derived Peptides to the I-Ag7 Molecule. Journal of Immunology, 2001, 167, 4104-4114.	0.8	13
65	Identification of a class of non-conventional ER-stress-response-derived immunogenic peptides. Cell Reports, 2021, 36, 109312.	6.4	13
66	Paralysis of the cytotoxic granule machinery is a new cancer immune evasion mechanism mediated by chitinase 3-like-1. , 2021, 9, e003224.		12
67	Human prostatic urethra expresses vitamin D receptor and responds to vitamin D receptor ligation. Journal of Endocrinological Investigation, 2010, 33, 730-738.	3.3	11
68	Genomic diversity and immunomodulatory activity of Lactobacillus plantarum isolated from dairy products. Beneficial Microbes, 2017, 8, 597-604.	2.4	11
69	Induction of transplantation tolerance by 1,25-dihydroxyvitamin D3. Transplantation Proceedings, 2001, 33, 58-59.	0.6	9
70	Functional characterization and immunomodulatory properties of Lactobacillus helveticus strains isolated from Italian hard cheeses. PLoS ONE, 2021, 16, e0245903.	2.5	9
71	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.	0.8	9
72	Inhibition of Type 1 Diabetes Development by Vitamin D Receptor Agonists. Current Medicinal Chemistry Anti-inflammatory & Anti-allergy Agents, 2005, 4, 645-651.	0.4	2

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73	Leukocyte migration to pancreatic islets: a critical step in the pathogenesis of type 1 diabetes. , 2006, , 167-179.		1
74	Abstract 627: Immunogenic cell death as novel immune response mechanism to EGFR-targeted therapy in CRC. Cancer Research, 2014, 74, 627-627.	0.9	1
75	Exploiting the potential of regulatory T cells in the control of type 1 diabetes. , 2005, , 95-109.		0
76	196 Monocyte-Dependent and -Independent Modulatory Effects of Vitamin D3 on X4 and R5 HIV-1 Replication in IL-2 Stimulated PBMC. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 51, .	2.1	0
77	Dendritic Cell Modulation by the Vitamin D System. , 2012, , 103-125.		0
78	The immune system in the control of microbiota homeostasis. Italian Journal of Pediatrics, 2015, 41, .	2.6	0
79	Animal Models of Spontaneous Autoimmune Disease: Type 1 Diabetes in the Nonobese Diabetic Mouse. , 0, , 285-312.		0