

Giuseppe Penna

List of Publications by Year in descending order

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79
papers

11,633
citations

41323

49
h-index

82499

72
g-index

80
all docs

80
docs citations

80
times ranked

13602
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional characterization and immunomodulatory properties of <i>Lactobacillus helveticus</i> strains isolated from Italian hard cheeses. <i>PLoS ONE</i> , 2021, 16, e0245903.	1.1	9
2	Gut vascular barrier impairment leads to intestinal bacteria dissemination and colorectal cancer metastasis to liver. <i>Cancer Cell</i> , 2021, 39, 708-724.e11.	7.7	175
3	Identification of a class of non-conventional ER-stress-response-derived immunogenic peptides. <i>Cell Reports</i> , 2021, 36, 109312.	2.9	13
4	Identification of a choroid plexus vascular barrier closing during intestinal inflammation. <i>Science</i> , 2021, 374, 439-448.	6.0	115
5	Paralysis of the cytotoxic granule machinery is a new cancer immune evasion mechanism mediated by chitinase 3-like-1. , 2021, 9, e003224.		12
6	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.	5.9	248
7	Microbiota-driven gut vascular barrier disruption is a prerequisite for non-alcoholic steatohepatitis development. <i>Journal of Hepatology</i> , 2019, 71, 1216-1228.	1.8	388
8	Genomic diversity and immunomodulatory activity of <i>Lactobacillus plantarum</i> isolated from dairy products. <i>Beneficial Microbes</i> , 2017, 8, 597-604.	1.0	11
9	The EGFR-specific antibody cetuximab combined with chemotherapy triggers immunogenic cell death. <i>Nature Medicine</i> , 2016, 22, 624-631.	15.2	214
10	Coagulation induced by C3aR-dependent NETosis drives protumorigenic neutrophils during small intestinal tumorigenesis. <i>Nature Communications</i> , 2016, 7, 11037.	5.8	192
11	The immune system in the control of microbiota homeostasis. <i>Italian Journal of Pediatrics</i> , 2015, 41, .	1.0	0
12	A gut-vascular barrier controls the systemic dissemination of bacteria. <i>Science</i> , 2015, 350, 830-834.	6.0	446
13	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.	1.5	102
14	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.	6.6	247
15	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.	6.6	384
16	<i>Lactobacillus paracasei</i> 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.	1.1	83
17	Abstract 627: Immunogenic cell death as novel immune response mechanism to EGFR-targeted therapy in CRC. <i>Cancer Research</i> , 2014, 74, 627-627.	0.4	1
18	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.	6.1	268

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19	Dendritic Cell Modulation by the Vitamin D System. , 2012, , 103-125.		0
20	Farnesoid X receptor activation inhibits inflammation and preserves the intestinal barrier in inflammatory bowel disease. Gut, 2011, 60, 463-472.	6.1	612
21	Chronic inflammation in the pathogenesis of benign prostatic hyperplasia. Journal of Developmental and Physical Disabilities, 2010, 33, 475-488.	3.6	178
22	Efficacy of a potent and safe vitamin D receptor agonist for the treatment of inflammatory bowel disease. Immunology Letters, 2010, 131, 49-58.	1.1	71
23	Vitamin D receptor agonists target static, dynamic, and inflammatory components of benign prostatic hyperplasia. Annals of the New York Academy of Sciences, 2010, 1193, 146-152.	1.8	56
24	Human prostatic urethra expresses vitamin D receptor and responds to vitamin D receptor ligation. Journal of Endocrinological Investigation, 2010, 33, 730-738.	1.8	11
25	Prostate autoimmunity: from experimental models to clinical counterparts. Expert Review of Clinical Immunology, 2009, 5, 577-586.	1.3	26
26	Human Benign Prostatic Hyperplasia Stromal Cells As Inducers and Targets of Chronic Immuno-Mediated Inflammation. Journal of Immunology, 2009, 182, 4056-4064.	0.4	155
27	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- κ B pathways. Prostate, 2009, 69, 480-493.	1.2	87
28	Dendritic cell tolerogenicity: a key mechanism in immunomodulation by vitamin D receptor agonists. Human Immunology, 2009, 70, 345-352.	1.2	190
29	Induction of Tolerogenic Dendritic Cells by Vitamin D Receptor Agonists. Handbook of Experimental Pharmacology, 2009, , 251-273.	0.9	98
30	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.	2.9	36
31	196 Monocyte-Dependent and -Independent Modulatory Effects of Vitamin D ₃ on X4 and R5 HIV-1 Replication in IL-2 Stimulated PBMC. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 51, .	0.9	0
32	Control of autoimmune diseases by the vitamin D endocrine system. Nature Clinical Practice Rheumatology, 2008, 4, 404-412.	3.2	477
33	Spontaneous and Prostatic Steroid Binding Protein Peptide-Induced Autoimmune Prostatitis in the Nonobese Diabetic Mouse. Journal of Immunology, 2007, 179, 1559-1567.	0.4	52
34	Vitamin D receptor agonists as anti-inflammatory agents. Expert Review of Clinical Immunology, 2007, 3, 477-489.	1.3	16
35	1,25-Dihydroxyvitamin D ₃ Selectively Modulates Tolerogenic Properties in Myeloid but Not Plasmacytoid Dendritic Cells. Journal of Immunology, 2007, 178, 145-153.	0.4	305
36	Calcitriol derivatives with two different side chains at C-20. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 277-281.	1.2	21

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37	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.	1.2	74
38	Vitamin D Receptor Agonists in the Treatment of Autoimmune Diseases: Selective Targeting of Myeloid but Not Plasmacytoid Dendritic Cells. <i>Journal of Bone and Mineral Research</i> , 2007, 22, V69-V73.	3.1	32
39	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.	0.9	250
40	Animal Models of Spontaneous Autoimmune Disease. <i>Methods in Molecular Biology</i> , 2007, 380, 285-311.	0.4	52
41	Vitamin D Receptor Agonists, Cancer and the Immune System: An Intricate Relationship. <i>Current Topics in Medicinal Chemistry</i> , 2006, 6, 1297-1301.	1.0	31
42	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.	0.4	112
43	Leukocyte migration to pancreatic islets: a critical step in the pathogenesis of type 1 diabetes. , 2006, , 167-179.		1
44	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.	0.6	373
45	Manipulating dendritic cells to induce regulatory T cells. <i>Microbes and Infection</i> , 2005, 7, 1033-1039.	1.0	37
46	Exploiting the potential of regulatory T cells in the control of type 1 diabetes. , 2005, , 95-109.		0
47	Inhibition of Type 1 Diabetes Development by Vitamin D Receptor Agonists. <i>Current Medicinal Chemistry Anti-inflammatory & Anti-allergy Agents</i> , 2005, 4, 645-651.	0.4	2
48	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.	1.5	46
49	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.	0.4	170
50	Pharmacological induction of tolerogenic dendritic cells and regulatory T cells. <i>Seminars in Immunology</i> , 2004, 16, 127-134.	2.7	181
51	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.	1.2	173
52	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.	1.2	208
53	Unique Regulation of CCL18 Production by Maturing Dendritic Cells. <i>Journal of Immunology</i> , 2003, 170, 3843-3849.	0.4	144
54	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.	0.4	83

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55	Cutting Edge: Differential Chemokine Production by Myeloid and Plasmacytoid Dendritic Cells. <i>Journal of Immunology</i> , 2002, 169, 6673-6676.	0.4	173
56	THIOL ANTIOXIDANTS INHIBIT THE FORMATION OF THE INTERLEUKIN-12 HETERODIMER: A NOVEL MECHANISM FOR THE INHIBITION OF IL-12 PRODUCTION. <i>Cytokine</i> , 2002, 17, 285-293.	1.4	17
57	Differential migration behavior and chemokine production by myeloid and plasmacytoid dendritic cells. <i>Human Immunology</i> , 2002, 63, 1164-1171.	1.2	216
58	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.	1.1	112
59	Polymorphisms in the Il12b gene affect structure and expression of IL-12 in NOD and other autoimmune-prone mouse strains. <i>Genes and Immunity</i> , 2002, 3, 151-157.	2.2	29
60	Induction of transplantation tolerance by 1,25-dihydroxyvitamin D3. <i>Transplantation Proceedings</i> , 2001, 33, 58-59.	0.3	9
61	Inhibition of costimulatory pathways for T-cell activation by 1,25-dihydroxyvitamin D3. <i>Transplantation Proceedings</i> , 2001, 33, 2083-2084.	0.3	14
62	Cutting Edge: Selective Usage of Chemokine Receptors by Plasmacytoid Dendritic Cells. <i>Journal of Immunology</i> , 2001, 167, 1862-1866.	0.4	297
63	IL-12 Administration Reveals Diabetogenic T Cells in Genetically Resistant I-E ⁺ -Transgenic Nonobese Diabetic Mice: Resistance to Autoimmune Diabetes Is Associated with Binding of E ⁺ -Derived Peptides to the I-Ag7 Molecule. <i>Journal of Immunology</i> , 2001, 167, 4104-4114.	0.4	13
64	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.	1.4	57
65	Intrathecal Delivery of IFN- β 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.	0.4	182
66	The control of T cell responses by dendritic cell subsets. <i>Current Opinion in Immunology</i> , 2000, 12, 114-121.	2.4	215
67	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.	0.4	37
68	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.	0.4	137
69	1,25-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.	0.4	1,146
70	The involvement of IL-12 in murine experimentally induced autoimmune thyroid disease. <i>European Journal of Immunology</i> , 1999, 29, 1933-1942.	1.6	38
71	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.	1.6	115
72	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.	0.4	69

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73	A peptide binding motif for I-Eg7, the MHC class II molecule that protects E alpha-transgenic nonobese diabetic mice from autoimmune diabetes. <i>Journal of Immunology</i> , 1999, 162, 6630-40.	0.4	9
74	Pancreas-infiltrating Th1 cells and diabetes develop in IL-12-deficient nonobese diabetic mice. <i>Journal of Immunology</i> , 1999, 163, 2960-8.	0.4	60
75	Th1 cells induce and Th2 inhibit antigen-dependent IL-12 secretion by dendritic cells. <i>European Journal of Immunology</i> , 1998, 28, 2003-2016.	1.6	75
76	Maturation Stages of Mouse Dendritic Cells in Growth Factorâ€“dependent Long-Term Cultures. <i>Journal of Experimental Medicine</i> , 1997, 185, 317-328.	4.2	793
77	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.	1.6	119
78	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.	4.2	433
79	Animal Models of Spontaneous Autoimmune Disease: Type 1 Diabetes in the Nonobese Diabetic Mouse. , 0, , 285-312.		0