

Alessandra Pontillo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6167851/publications.pdf>

Version: 2024-02-01

88
papers

2,822
citations

201674

27
h-index

197818

49
g-index

88
all docs

88
docs citations

88
times ranked

3727
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic contribution and functional impairment of inflammasome in sickle cell disease. <i>Cytokine</i> , 2022, 149, 155717.	3.2	3
2	The genetics behind inflammasome regulation. <i>Molecular Immunology</i> , 2022, 145, 27-42.	2.2	3
3	Macrophage inflammatory state in Type 1 diabetes: triggered by NLRP3/iNOS pathway and attenuated by docosahexaenoic acid. <i>Clinical Science</i> , 2021, 135, 19-34.	4.3	25
4	Common pathogen-associated molecular patterns induce the hyper-activation of NLRP3 inflammasome in circulating B lymphocytes of HIV-infected individuals. <i>Aids</i> , 2021, 35, 899-910.	2.2	7
5	Sensing soluble uric acid by Naip1-Nlrp3 platform. <i>Cell Death and Disease</i> , 2021, 12, 158.	6.3	15
6	Inflammatory effect of Bothropstoxin-I from <i>Bothrops jararacussu</i> venom mediated by NLRP3 inflammasome involves ATP and P2X7 receptor. <i>Clinical Science</i> , 2021, 135, 687-701.	4.3	16
7	Single-Nucleotide Variants in the AIM2 “Absent in Melanoma 2 Gene (rs1103577) Associated With Protection for Tuberculosis. <i>Frontiers in Immunology</i> , 2021, 12, 604975.	4.8	11
8	NLRP1 acts as a negative regulator of Th17 cell programming in mice and humans with autoimmune diabetes. <i>Cell Reports</i> , 2021, 35, 109176.	6.4	12
9	Inflammasome in HIV infection: Lights and shadows. <i>Molecular Immunology</i> , 2020, 118, 9-18.	2.2	20
10	Enhanced expression of NLRP3 inflammasome components by monocytes of patients with pulmonary paracoccidioidomycosis is associated with smoking and intracellular hypoxemia. <i>Microbes and Infection</i> , 2020, 22, 137-143.	1.9	11
11	A Specific IL6 Polymorphic Genotype Modulates the Risk of <i>Trypanosoma cruzi</i> Parasitemia While IL18, IL17A, and IL1B Variant Profiles and HIV Infection Protect Against Cardiomyopathy in Chagas Disease. <i>Frontiers in Immunology</i> , 2020, 11, 521409.	4.8	5
12	Combining Host Genetics and Functional Analysis to Depict Inflammasome Contribution in Tuberculosis Susceptibility and Outcome in Endemic Areas. <i>Frontiers in Immunology</i> , 2020, 11, 550624.	4.8	7
13	A case report of a novel compound heterozygous mutation in a Brazilian patient with deficiency of Interleukin-1 receptor antagonist (DIRA). <i>Pediatric Rheumatology</i> , 2020, 18, 67.	2.1	16
14	Inflammasome genetics and complex diseases: a comprehensive review. <i>European Journal of Human Genetics</i> , 2020, 28, 1307-1321.	2.8	21
15	Double-edged sword of inflammasome genetics in colorectal cancer prognosis. <i>Clinical Immunology</i> , 2020, 213, 108373.	3.2	11
16	Transcriptional analysis of THP-1 cells infected with <i>Leishmania infantum</i> indicates no activation of the inflammasome platform. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007949.	3.0	18
17	Differential expression of the inflammasome complex genes in systemic lupus erythematosus. <i>Immunogenetics</i> , 2020, 72, 217-224.	2.4	31
18	Inflammasome activation and IL-1 signaling during placental malaria induce poor pregnancy outcomes. <i>Science Advances</i> , 2020, 6, eaax6346.	10.3	40

#	ARTICLE	IF	CITATIONS
19	Flagellin/NLRC4 Pathway Rescues NLRP3-Inflammasome Defect in Dendritic Cells From HIV-Infected Patients: Perspective for New Adjuvant in Immunocompromised Individuals. <i>Frontiers in Immunology</i> , 2019, 10, 1291.	4.8	24
20	Antagonistic role of IL-1 β and NLRP3/IL-18 genetics in chronic HIV-1 infection. <i>Clinical Immunology</i> , 2019, 209, 108266.	3.2	12
21	Influence of NKG2C gene deletion and CCR5 Δ 32 in Pre-eclampsia: Approaching the effect of innate immune gene variants in pregnancy. <i>International Journal of Immunogenetics</i> , 2019, 46, 82-87.	1.8	10
22	Variants in NLRP3 and NLRC4 inflammasome associate with susceptibility and severity of multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 29, 26-34.	2.0	50
23	Host genetics contributes to the effectiveness of dendritic cell-based HIV immunotherapy. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 1995-2002.	3.3	7
24	Gain-of-function SNPs in NLRP3 and IL1B genes confer protection against obesity and T2D: undiscovered role of inflammasome genetics in metabolic homeostasis?. <i>Endocrine</i> , 2018, 60, 368-371.	2.3	7
25	Gain-of-function variants in NLRP1 protect against the development of diabetic kidney disease: NLRP1 inflammasome role in metabolic stress sensing?. <i>Clinical Immunology</i> , 2018, 187, 46-49.	3.2	31
26	Polymorphisms and expression of inflammasome genes are associated with the development and severity of rheumatoid arthritis in Brazilian patients. <i>Inflammation Research</i> , 2018, 67, 255-264.	4.0	45
27	Polymorphisms in inflammasome genes and risk of asthma in Brazilian children. <i>Molecular Immunology</i> , 2018, 93, 64-67.	2.2	19
28	Genetics of Inflammasomes. <i>Experientia Supplementum</i> (2012), 2018, 108, 321-341.	0.9	1
29	The Syk-Coupled C-Type Lectin Receptors Dectin-2 and Dectin-3 Are Involved in <i>Paracoccidioides brasiliensis</i> Recognition by Human Plasmacytoid Dendritic Cells. <i>Frontiers in Immunology</i> , 2018, 9, 464.	4.8	25
30	CCR5 Δ 32 – A piece of protection in the inflammatory puzzle of multiple sclerosis susceptibility. <i>Human Immunology</i> , 2018, 79, 621-626.	2.4	9
31	Data on inflammasome gene polymorphisms of patients with sporadic malignant melanoma in a Brazilian cohort. <i>Data in Brief</i> , 2017, 10, 33-37.	1.0	1
32	Polymorphisms in SIGLEC1 contribute to susceptibility to pulmonary active tuberculosis possibly through the modulation of IL-1 β . <i>Infection, Genetics and Evolution</i> , 2017, 55, 313-317.	2.3	10
33	A genetic variant within <i>SLC30A6</i> has a protective role in the severity of rheumatoid arthritis. <i>Scandinavian Journal of Rheumatology</i> , 2017, 46, 326-327.	1.1	3
34	NOD-Like Receptors: A Tail from Plants to Mammals Through Invertebrates. <i>Current Protein and Peptide Science</i> , 2017, 18, 311-322.	1.4	9
35	Role of inflammasome genetics in susceptibility to HPV infection and cervical cancer development. <i>Journal of Medical Virology</i> , 2016, 88, 1646-1651.	5.0	49
36	Inflammasome genetics contributes to the development and control of active pulmonary tuberculosis. <i>Infection, Genetics and Evolution</i> , 2016, 41, 240-244.	2.3	25

#	ARTICLE	IF	CITATIONS
37	Exosomes are possibly used as a tool of immune regulation during the dendritic cell-based immune therapy against HIV-1. <i>Medical Hypotheses</i> , 2016, 95, 67-70.	1.5	15
38	Genotyping and differential expression analysis of inflammasome genes in sporadic malignant melanoma reveal novel contribution of CARD8, IL1B and IL18 in melanoma susceptibility and progression. <i>Cancer Genetics</i> , 2016, 209, 474-480.	0.4	22
39	Dendritic cells used in anti-HIV immunotherapy showed different modulation in anti-HIV genes expression: New concept for the improvement of patients' selection criteria. <i>Journal of Cellular Immunotherapy</i> , 2016, 2, 85-94.	0.6	3
40	Contribution of inflammasome genetics in <i>Plasmodium vivax</i> malaria. <i>Infection, Genetics and Evolution</i> , 2016, 40, 162-166.	2.3	16
41	Gene polymorphisms as susceptibility factors in Brazilian asthmatic children and adolescents. <i>World Allergy Organization Journal</i> , 2015, 8, A235.	3.5	0
42	<i>NLRP1</i> L155H Polymorphism is a Risk Factor for Preeclampsia Development. <i>American Journal of Reproductive Immunology</i> , 2015, 73, 577-581.	1.2	30
43	Inflammasome polymorphisms in juvenile systemic lupus erythematosus. <i>Autoimmunity</i> , 2015, 48, 434-7.	2.6	17
44	Genetic Control of Immune Response and Susceptibility to Infectious Diseases. <i>BioMed Research International</i> , 2014, 2014, 1-3.	1.9	0
45	Host genomic HIV restriction factors modulate the response to dendritic cell-based treatment against HIV-1. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 512-518.	3.3	11
46	Exome analysis of HIV patients submitted to dendritic cells therapeutic vaccine reveals an association of <i>CNOT1</i> gene with response to the treatment. <i>Journal of the International AIDS Society</i> , 2014, 17, 18938.	3.0	15
47	<i>NLRP3</i> polymorphism is associated with protection against human T-lymphotropic virus 1 infection. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2014, 109, 957-960.	1.6	18
48	<i>NLRP3</i> polymorphism is associated with protection against human T-lymphotropic virus 1 infection. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2014, 109, 960-3.	1.6	10
49	Differential inflammasome expression and IL-1 β secretion in monocyte-derived dendritic cells differentiated with IL-4 or IFN- γ . <i>AIDS Research and Therapy</i> , 2013, 10, 35.	1.7	13
50	Bacterial LPS Differently Modulates Inflammasome Gene Expression and IL-1 β Secretion in Trophoblast Cells, Decidual Stromal Cells, and Decidual Endothelial Cells. <i>Reproductive Sciences</i> , 2013, 20, 563-566.	2.5	61
51	<i>NLRP1</i> haplotypes associated with leprosy in Brazilian patients. <i>Infection, Genetics and Evolution</i> , 2013, 19, 274-279.	2.3	18
52	HIV mother-to-child transmission: A complex genetic puzzle tackled by Brazil and Argentina research teams. <i>Infection, Genetics and Evolution</i> , 2013, 19, 312-322.	2.3	2
53	Susceptibility to <i>Mycobacterium tuberculosis</i> Infection in HIV-Positive Patients Is Associated With <i>CARD8</i> Genetic Variant. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013, 63, 147-151.	2.1	40
54	Autologous and allogenic systems of HIV expansion: what is the better choice for clinical application in therapeutic vaccine?. <i>Immunotherapy</i> , 2013, 5, 1305-1311.	2.0	2

#	ARTICLE	IF	CITATIONS
55	Polymorphisms in <i>TREX1</i> and susceptibility to HIV-1 infection. <i>International Journal of Immunogenetics</i> , 2013, 40, 492-494.	1.8	9
56	NALP1/NLRP1 Genetic Variants are Associated With Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 277-281.	1.3	84
57	Polimorphisms in Inflammasome Genes Are Involved in the Predisposition to Systemic Lupus Erythematosus. <i>Autoimmunity</i> , 2012, 45, 271-278.	2.6	143
58	HIV-1 induces NALP3-inflammasome expression and interleukin-1 β secretion in dendritic cells from healthy individuals but not from HIV-positive patients. <i>Aids</i> , 2012, 26, 11-18.	2.2	64
59	Polymorphisms in Inflammasome' Genes and Susceptibility to HIV-1 Infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012, 59, 121-125.	2.1	70
60	NLRP1 polymorphisms in patients with asbestos-associated mesothelioma. <i>Infectious Agents and Cancer</i> , 2012, 7, 25.	2.6	30
61	Letter to the Editor: Acute Effects of Intravenous Administration of Pamidronate in Patients with Osteoporosis. <i>Journal of Korean Medical Science</i> , 2011, 26, 848.	2.5	0
62	Genetic Predictors of Glucocorticoid Response in Pediatric Patients With Inflammatory Bowel Diseases. <i>Journal of Clinical Gastroenterology</i> , 2011, 45, e1-e7.	2.2	54
63	Comments on "Geranylgeraniol" A new potential therapeutic approach to bisphosphonate associated osteonecrosis of the jaw by Ziebart T et al. (2011). <i>Oral Oncology</i> , 2011, 47, 436-437.	1.5	4
64	Defect in mevalonate pathway induces pyroptosis in Raw 264.7 murine monocytes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 882-888.	4.9	20
65	High incidence of <i>NLRP3</i> somatic mosaicism in patients with chronic infantile neurologic, cutaneous, articular syndrome: Results of an international multicenter collaborative study. <i>Arthritis and Rheumatism</i> , 2011, 63, 3625-3632.	6.7	247
66	The Farnesyltransferase Inhibitors Tipifarnib and Lonafarnib Inhibit Cytokines Secretion in a Cellular Model of Mevalonate Kinase Deficiency. <i>Pediatric Research</i> , 2011, 70, 78-82.	2.3	20
67	Anti- β -enolase Antibodies in Serum from Pediatric Patients Affected by Inflammatory Diseases: Diagnostic and Pathogenetic Insights. <i>International Journal of Rheumatology</i> , 2011, 2011, 1-6.	1.6	14
68	The Missense Variation Q705K in CIAS1 / NALP3 / NLRP3 Gene and an NLRP1 Haplotype Are Associated With Celiac Disease. <i>American Journal of Gastroenterology</i> , 2011, 106, 539-544.	0.4	86
69	Geraniol rescues inflammation in cellular and animal models of mevalonate kinase deficiency. <i>In Vivo</i> , 2011, 25, 87-92.	1.3	23
70	Histatins In Non-Human Primates: Gene Variations and Functional Effects. <i>Protein and Peptide Letters</i> , 2010, 17, 909-918.	0.9	13
71	Decreased cholesterol levels reflect a consumption of anti-inflammatory isoprenoids associated with an impaired control of inflammation in a mouse model of mevalonate kinase deficiency. <i>Inflammation Research</i> , 2010, 59, 335-338.	4.0	14
72	The inhibition of mevalonate pathway induces upregulation of NALP3 expression: new insight in the pathogenesis of mevalonate kinase deficiency. <i>European Journal of Human Genetics</i> , 2010, 18, 844-847.	2.8	47

#	ARTICLE	IF	CITATIONS
73	Two SNPs in <i>NLRP3</i> gene are involved in the predisposition to type-1 diabetes and celiac disease in a pediatric population from northeast Brazil. <i>Autoimmunity</i> , 2010, 43, 583-589.	2.6	127
74	A 3' UTR SNP in NLRP3 Gene is Associated With Susceptibility to HIV-1 Infection. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2010, 54, 236-240.	2.1	82
75	Targeting farnesyl-transferase as a novel therapeutic strategy for mevalonate kinase deficiency: In vitro and in vivo approaches. <i>Pharmacological Research</i> , 2010, 61, 506-510.	7.1	17
76	Natural isoprenoids inhibit LPS-induced-production of cytokines and nitric oxide in aminobisphosphonate-treated monocytes. <i>International Immunopharmacology</i> , 2010, 10, 639-642.	3.8	37
77	Polymorphisms in innate immunity genes and patients response to dendritic cell-based HIV immuno-treatment. <i>Vaccine</i> , 2010, 28, 2201-2206.	3.8	11
78	Evolution of the hepcidin gene in primates. <i>BMC Genomics</i> , 2008, 9, 120.	2.8	18
79	Natural Isoprenoids are Able to Reduce Inflammation in a Mouse Model of Mevalonate Kinase Deficiency. <i>Pediatric Research</i> , 2008, 64, 177-182.	2.3	54
80	Diagnostics and Therapeutic Insights in a Severe Case of Mevalonate Kinase Deficiency. <i>Pediatrics</i> , 2007, 119, e523-e527.	2.1	34
81	Clinical and genetic characterization of Italian patients affected by CINCA syndrome. <i>Rheumatology</i> , 2007, 46, 473-478.	1.9	68
82	PIN1 promoter polymorphisms are associated with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2007, 28, 69-74.	3.1	86
83	Evolution of the Primate Cathelicidin. <i>Journal of Biological Chemistry</i> , 2006, 281, 19861-19871.	3.4	99
84	CARD15/NOD2 mutations are not related to abdominal PFAPA. <i>Journal of Pediatrics</i> , 2006, 149, 427.	1.8	10
85	DEFB1 gene polymorphisms and increased risk of HIV-1 infection in Brazilian children. <i>Aids</i> , 2006, 20, 1673-1675.	2.2	67
86	Neutrophils from patients with TNFRSF1A mutations display resistance to tumor necrosis factor α -induced apoptosis: Pathogenetic and clinical implications. <i>Arthritis and Rheumatism</i> , 2006, 54, 998-1008.	6.7	138
87	A single-nucleotide polymorphism in the human beta-defensin 1 gene is associated with HIV-1 infection in Italian children. <i>Aids</i> , 2004, 18, 1598-1600.	2.2	123
88	Human neutrophils specifically interact with human monocyte-derived macrophage monolayers. <i>Inflammation</i> , 2000, 24, 89-98.	3.8	7