Ana MarÃ-a SuÃ¡rez DÃ-az

List of Publications by Year
in descending order

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124 papers	5,867 citations	87888 38 h-index	85541 71 g-index
126 all docs	126 docs citations	126 times ranked	8293 citing authors

#	Article	IF	Citations
1	Intestinal Dysbiosis Associated with Systemic Lupus Erythematosus. MBio, 2014, 5, e01548-14.	4.1	500
2	Functional variants in the B-cell gene BANK1 are associated with systemic lupus erythematosus. Nature Genetics, 2008, 40, 211-216.	21.4	436
3	Overexpression of the Cytokine BAFF and Autoimmunity Risk. New England Journal of Medicine, 2017, 376, 1615-1626.	27.0	301
4	Interindividual variations in constitutive interleukin-10 messenger RNA and protein levels and their association with genetic polymorphisms1. Transplantation, 2003, 75, 711-717.	1.0	197
5	Th17 responses and natural IgM antibodies are related to gut microbiota composition in systemic lupus erythematosus patients. Scientific Reports, 2016, 6, 24072.	3.3	188
6	Immune Modulation Capability of Exopolysaccharides Synthesised by Lactic Acid Bacteria and Bifidobacteria. Probiotics and Antimicrobial Proteins, 2012, 4, 227-237.	3.9	156
7	Distinct Bifidobacterium strains drive different immune responses in vitro. International Journal of Food Microbiology, 2010, 138, 157-165.	4.7	141
8	STAT4 associates with systemic lupus erythematosus through two independent effects that correlate with gene expression and act additively with IRF5 to increase risk. Annals of the Rheumatic Diseases, 2009, 68, 1746-1753.	0.9	138
9	Epidemiology of systemic lupus erythematosus in a northern Spanish population: gender and age influence on immunological features. Lupus, 2003, 12, 860-865.	1.6	133
10	Enrichment of CD4+ CD25high T cell population in patients with systemic lupus erythematosus treated with glucocorticoids. Annals of the Rheumatic Diseases, 2006, 65, 1512-1517.	0.9	131
11	Replication of recently identified systemic lupus erythematosus genetic associations: a caseâ€“control study. Arthritis Research and Therapy, 2009, 11, R69.	3.5	131
12	Immune Response to Bifidobacterium bifidum Strains Support Treg/Th17 Plasticity. PLoS ONE, 2011, 6, e24776.	2.5	120
13	Characterisation of the exopolysaccharide (EPS)-producing Lactobacillus paraplantarum BGCG11 and its non-EPS producing derivative strains as potential probiotics. International Journal of Food Microbiology, 2012, 158, 155-162.	4.7	113
14	Structural insertion/deletion variation in IRF5 is associated with a risk haplotype and defines the precise IRF5 isoforms expressed in systemic lupus erythematosus. Arthritis and Rheumatism, 2007, 56, 1234-1241.	6.7	105
15	Exopolysaccharide-producing Bifidobacterium strains elicit different in vitro responses upon interaction with human cells. Food Research International, 2012, 46, 99-107.	6.2	102
16	Glucocorticoids increase IL-10 expression in multiple sclerosis patients with acute relapse. Journal of Neuroimmunology, 1998, 85, 122-130.	2.3	96
17	Intestinal Dysbiosis Is Associated with Altered Short-Chain Fatty Acids and Serum-Free Fatty Acids in Systemic Lupus Erythematosus. Frontiers in Immunology, 2017, 8, 23.	4.8	95
18	Allergic Patients with Long-Term Asthma Display Low Levels of Bifidobacterium adolescentis. PLoS ONE, 2016, 11, e0147809.	2.5	90

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19	Differential effect of IL10 and TNFÂ genotypes on determining susceptibility to discoid and systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2005, 64, 1605-1610.	0.9	77
20	Free Fatty Acids Profiles Are Related to Gut Microbiota Signatures and Short-Chain Fatty Acids. Frontiers in Immunology, 2017, 8, 823.	4.8	75
21	A pathogenic IFNÎ±, BLyS and IL-17 axis in Systemic Lupus Erythematosus patients. Scientific Reports, 2016, 6, 20651.	3.3	74
22	Glucocorticoids up-regulate constitutive interleukin-10 production by human monocytes. Clinical and Experimental Allergy, 2004, 34, 406-412.	2.9	70
23	Treg-inducing membrane vesicles from Bifidobacterium bifidum LMG13195 as potential adjuvants in immunotherapy. Vaccine, 2012, 30, 825-829.	3.8	69
24	Ranking the impact of human health disorders on gut metabolism: Systemic lupus erythematosus and obesity as study cases. Scientific Reports, 2015, 5, 8310.	3.3	68
25	Microbial Targets for the Development of Functional Foods Accordingly with Nutritional and Immune Parameters Altered in the Elderly. Journal of the American College of Nutrition, 2013, 32, 399-406.	1.8	65
26	Association of Polyphenols from Oranges and Apples with Specific Intestinal Microorganisms in Systemic Lupus Erythematosus Patients. Nutrients, 2015, 7, 1301-1317.	4.1	60
27	A combined large-scale meta-analysis identifies COG6 as a novel shared risk locus for rheumatoid arthritis and systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2017, 76, 286-294.	0.9	58
28	TNFalpha and IL-10 Gene Polymorphisms in Inflammatory Bowel Disease. Association of -1082 AA Low Producer IL-10 Genotype with Steroid Dependency. American Journal of Gastroenterology, 2006, 101, 1039-1047.	0.4	55
29	Exopolysaccharide-producing Bifidobacterium animalis subsp. lactis strains and their polymers elicit different responses on immune cells from blood and gut associated lymphoid tissue. Anaerobe, 2014, 26, 24-30.	2.1	53
30	Interaction of Bifidobacterium bifidum LMG13195 with HT29 Cells Influences Regulatory-T-Cell-Associated Chemokine Receptor Expression. Applied and Environmental Microbiology, 2012, 78, 2850-2857.	3.1	52
31	IL-10 and TNFÎ±Genotypes in SLE. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-11.	3.0	50
32	Glucocorticoids inhibit IL-4 and mitogen-induced IL-4RÎ± chain expression by different posttranscriptional mechanismsâ˜†â˜†â˜†â˜…â˜…â˜…â™¢. Journal of Allergy and Clinical Immunology, 1998, 102, 968-976.	2.9	48
33	Interferon-Î±-induced B-lymphocyte stimulator expression and mobilization in healthy and systemic lupus erythmatosus monocytes. Rheumatology, 2014, 53, 2249-2258.	1.9	47
34	Dexamethasone upregulates FOXP3 expression without increasing regulatory activity. Immunobiology, 2011, 216, 386-392.	1.9	46
35	Circulating endothelial cells and their progenitors in systemic lupus erythematosus and early rheumatoid arthritis patients. Rheumatology, 2012, 51, 1775-1784.	1.9	44
36	Senescent profile of angiogenic T cells from systemic lupus erythematosus patients. Journal of Leukocyte Biology, 2016, 99, 405-412.	3.3	44

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37	Heterogeneity of the Type I Interferon Signature in Rheumatoid Arthritis: A Potential Limitation for Its Use As a Clinical Biomarker. Frontiers in Immunology, 2017, 8, 2007.	4.8	44
38	Intestinal dysbiosis in systemic lupus erythematosus: cause or consequence?. Current Opinion in Rheumatology, 2016, 28, 515-522.	4.3	43
39	Immunomodulatory activities of whey Î²-lactoglobulin tryptic-digested fractions. International Dairy Journal, 2014, 34, 65-73.	3.0	41
40	IFNÎ± Serum Levels Are Associated with Endothelial Progenitor Cells Imbalance and Disease Features in Rheumatoid Arthritis Patients. PLoS ONE, 2014, 9, e86069.	2.5	41
41	Influence of Atg5 Mutation in SLE Depends on Functional IL-10 Genotype. PLoS ONE, 2013, 8, e78756.	2.5	40
42	Angiogenic T cells are decreased in rheumatoid arthritis patients. Annals of the Rheumatic Diseases, 2015, 74, 921-927.	0.9	39
43	Type I IFNs as biomarkers in rheumatoid arthritis: towards disease profiling and personalized medicine. Clinical Science, 2015, 128, 449-464.	4.3	39
44	Systemic Lupus Erythematosus in Asturias, Spain. Medicine (United States), 2006, 85, 157-168.	1.0	38
45	A Single Mutation in the Gene Responsible for the Mucoid Phenotype of Bifidobacterium animalis subsp. lactis Confers Surface and Functional Characteristics. Applied and Environmental Microbiology, 2015, 81, 7960-7968.	3.1	38
46	Red cell distribution width is associated with cardiovascular risk and disease parameters in rheumatoid arthritis. Rheumatology, 2015, 54, 641-646.	1.9	37
47	Non-Esterified Fatty Acids Profiling in Rheumatoid Arthritis: Associations with Clinical Features and Th1 Response. PLoS ONE, 2016, 11, e0159573.	2.5	37
48	Requirement of a second signal via protein kinase C or protein kinase A for maximal expression of CD40 ligand. Involvement of transcriptional and posttranscriptional mechanisms. European Journal of Immunology, 1997, 27, 2822-2829.	2.9	35
49	High triglycerides and low high-density lipoprotein cholesterol lipid profile in rheumatoid arthritis: A potential link among inflammation, oxidative status, and dysfunctional high-density lipoprotein. Journal of Clinical Lipidology, 2017, 11, 1043-1054.e2.	1.5	35
50	Effects of glucocorticoid treatment on CD25â^'FOXP3+ population and cytokine-producing cells in rheumatoid arthritis. Rheumatology, 2012, 51, 1198-1207.	1.9	33
51	Immune Modulating Capability of Two Exopolysaccharide-ProducingBifidobacteriumStrains in a Wistar Rat Model. BioMed Research International, 2014, 2014, 1-9.	1.9	32
52	Influence of interleukin-10 genetic polymorphism on survival rates in melanoma patients with advanced disease. Melanoma Research, 2005, 15, 53-60.	1.2	31
53	Cytokine polymorphisms influence treatment outcomes in SLE patients treated with antimalarial drugs. Arthritis Research and Therapy, 2006, 8, R42.	3.5	31
54	Glucocorticoids enhance Th17/Th1 imbalance and signal transducer and activator of transcription 3 expression in systemic lupus erythematosus patients. Rheumatology, 2011, 50, 1794-1801.	1.9	31

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55	Red cell distribution width is associated with endothelial progenitor cell depletion and vascular-related mediators in rheumatoid arthritis. Atherosclerosis, 2015, 240, 131-136.	0.8	31
56	Subclinical impairment of myocardial and endothelial functionality in very early psoriatic and rheumatoid arthritis patients: Association with vitamin D and inflammation. Atherosclerosis, 2018, 271, 214-222.	0.8	30
57	Paraoxonase 1 Activity Is Modulated by the rs662 Polymorphism and IgG Antiâ€“Highâ€Density Lipoprotein Antibodies in Patients With Rheumatoid Arthritis: Potential Implications for Cardiovascular Disease. Arthritis and Rheumatology, 2016, 68, 1367-1376.	5.6	29
58	Serum Levels of Anti-PON1 and Anti-HDL Antibodies as Potential Biomarkers of Premature Atherosclerosis in Systemic Lupus Erythematosus. Thrombosis and Haemostasis, 2017, 117, 2194-2206.	3.4	29
59	Further Evidence of Subphenotype Association with Systemic Lupus Erythematosus Susceptibility Loci: A European Cases Only Study. PLoS ONE, 2012, 7, e45356.	2.5	28
60	Altered profile of circulating microparticles in rheumatoid arthritis patients. Clinical Science, 2015, 128, 437-448.	4.3	28
61	Circulating microparticle subpopulations in systemic lupus erythematosus are affected by disease activity. International Journal of Cardiology, 2017, 236, 138-144.	1.7	27
62	Red Wine Consumption Is Associated with Fecal Microbiota and Malondialdehyde in a Human Population. Journal of the American College of Nutrition, 2015, 34, 135-141.	1.8	26
63	Phenolic compounds from red wine and coffee are associated with specific intestinal microorganisms in allergic subjects. Food and Function, 2016, 7, 104-109.	4.6	26
64	Influence of functional interleukin 10/tumor necrosis factor-alpha polymorphisms on interferon-alpha, IL-10, and regulatory T cell population in patients with systemic lupus erythematosus receiving antimalarial treatment. Journal of Rheumatology, 2008, 35, 1559-66.	2.0	26
65	Generation of CD4+CD45RA+ Effector T Cells by Stimulation in the Presence of Cyclic Adenosine 5â€²-Monophosphate- Elevating Agents. Journal of Immunology, 2002, 169, 1159-1167.	0.8	25
66	Cytokines and Regulatory T Cells in Rheumatoid Arthritis and Their Relationship with Response to Corticosteroids. Journal of Rheumatology, 2010, 37, 2502-2510.	2.0	25
67	Could Fecal Phenylacetic and Phenylpropionic Acids Be Used as Indicators of Health Status?. Journal of Agricultural and Food Chemistry, 2018, 66, 10438-10446.	5.2	25
68	Exploring the interactions between serum free fatty acids and fecal microbiota in obesity through a machine learning algorithm. Food Research International, 2019, 121, 533-541.	6.2	25
69	IgM anti-phosphorylcholine antibodies associate with senescent and IL-17+ T cells in SLE patients with a pro-inflammatory lipid profile. Rheumatology, 2020, 59, 407-417.	1.9	25
70	A flagellin-producing Lactococcusâ€ƒstrain: interactions with mucin and enteropathogens. FEMS Microbiology Letters, 2011, 318, 101-107.	1.8	24
71	Comparison of Different Dietary Indices as Predictors of Inflammation, Oxidative Stress and Intestinal Microbiota in Middle-Aged and Elderly Subjects. Nutrients, 2020, 12, 3828.	4.1	24
72	Association of Levels of Antibodies from Patients with Inflammatory Bowel Disease with Extracellular Proteins of Food and Probiotic Bacteria. BioMed Research International, 2014, 2014, 1-8.	1.9	22

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73	Antibodies to high-density lipoproteins are associated with inflammation and cardiovascular disease in rheumatoid arthritis patients. Translational Research, 2015, 166, 529-539.	5.0	22
74	Low-density granulocytes and monocytes as biomarkers of cardiovascular risk in systemic lupus erythematosus. Rheumatology, 2020, 59, 1752-1764.	1.9	22
75	The Effects ofBifidobacterium breveon Immune Mediators and Proteome of HT29 Cells Monolayers. BioMed Research International, 2015, 2015, 1-6.	1.9	21
76	IRF4 and IRGs Delineate Clinically Relevant Gene Expression Signatures in Systemic Lupus Erythematosus and Rheumatoid Arthritis. Frontiers in Immunology, 2019, 9, 3085.	4.8	21
77	Interleukin 10 and Tumor Necrosis Factor-Î± Genotypes in Rheumatoid Arthritis â€" Association with Clinical Response to Glucocorticoids. Journal of Rheumatology, 2010, 37, 503-511.	2.0	20
78	Value of Measuring Plasmatic Levels of Neurosin in the Diagnosis of Alzheimer's Disease. Journal of Alzheimer's Disease, 2008, 14, 59-67.	2.6	19
79	Antibodies to paraoxonase 1 are associated with oxidant status and endothelial activation in rheumatoid arthritis. Clinical Science, 2016, 130, 1889-1899.	4.3	16
80	Autoantibodies to Golgi proteins in hepatocellular carcinoma: case report and literature review. European Journal of Gastroenterology and Hepatology, 2002, 14, 771-774.	1.6	15
81	Analysis of Ancestral and Functionally Relevant CD5 Variants in Systemic Lupus Erythematosus Patients. PLoS ONE, 2014, 9, e113090.	2.5	15
82	Relationship between FOXP3 positive populations and cytokine production in systemic lupus erythematosus. Cytokine, 2013, 61, 90-96.	3.2	14
83	Association of Systemic Lupus Erythematosus Clinical Features with European Population Genetic Substructure. PLoS ONE, 2011, 6, e29033.	2.5	14
84	Long-term effect of IFNÎ²1b treatment on the spontaneous and induced expression of IL-10 and TGFÎ²1 in MS patients. Journal of the Neurological Sciences, 2000, 179, 43-49.	0.6	13
85	No evidence for genetic association of interferon regulatory factor 3 in systemic lupus erythematosus. Lupus, 2009, 18, 230-234.	1.6	13
86	IgG Anti-High Density Lipoprotein Antibodies Are Elevated in Abdominal Aortic Aneurysm and Associated with Lipid Profile and Clinical Features. Journal of Clinical Medicine, 2020, 9, 67.	2.4	12
87	GlycA Levels during the Earliest Stages of Rheumatoid Arthritis: Potential Use as a Biomarker of Subclinical Cardiovascular Disease. Journal of Clinical Medicine, 2020, 9, 2472.	2.4	12
88	Lack of replication of higher genetic risk load in men than in women with systemic lupus erythematosus. Arthritis Research and Therapy, 2014, 16, R128.	3.5	11
89	The role of gut microbiota in lupus: what we know in 2018?. Expert Review of Clinical Immunology, 2018, 14, 787-792.	3.0	11
90	Vitamin D Receptor Polymorphism and DHCR7 Contribute to the Abnormal Interplay Between Vitamin D and Lipid Profile in Rheumatoid Arthritis. Scientific Reports, 2019, 9, 2546.	3.3	11

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91	Profiling of Serum Oxylipins During the Earliest Stages of Rheumatoid Arthritis. Arthritis and Rheumatology, 2021, 73, 401-413.	5.6	11
92	Anti-ribosomal P antibodies are associated with elevated circulating IFNÎ± and IL-10 levels in systemic lupus erythematosus patients. Lupus, 2014, 23, 1477-1485.	1.6	10
93	Profiling of B-Cell Factors and Their Decoy Receptors in Rheumatoid Arthritis: Association With Clinical Features and Treatment Outcomes. Frontiers in Immunology, 2018, 9, 2351.	4.8	10
94	Anti-High-Density Lipoprotein Antibodies and Antioxidant Dysfunction in Immune-Driven Diseases. Frontiers in Medicine, 2018, 5, 114.	2.6	10
95	Microbiota and oxidant-antioxidant balance in systemic lupus erythematosus. Nutricion Hospitalaria, 2017, 34, 934-941.	0.3	10
96	Induction of functional CD154 (CD40 ligand) in neonatal T cells by cAMP-elevating agents. Immunology, 2000, 100, 432-440.	4.4	9
97	Conserved anti-proliferative effect and poor inhibition of TNFÎ± secretion by regulatory CD4+CD25+ T cells in patients with systemic lupus erythematosus. Clinical Immunology, 2009, 132, 385-392.	3.2	9
98	EPC Dysfunction and Immune Networks: Translating Opportunities for Clinical Setting in Personalized Medicine. Current Medicinal Chemistry, 2018, 25, 4497-4506.	2.4	9
99	A subset of low density granulocytes is associated with vascular calcification in chronic kidney disease patients. Scientific Reports, 2019, 9, 13230.	3.3	9
100	Endothelial Progenitor Cells as Mediators of the Crosstalk between Vascular Repair and Immunity: Lessons from Systemic Autoimmune Diseases. Current Medicinal Chemistry, 2018, 25, 4478-4496.	2.4	9
101	Association of IL-10 and TNFÎ± genotypes with ANCA appearance in ulcerative colitis. Clinical Immunology, 2007, 122, 108-114.	3.2	8
102	Bias in effect size of systemic lupus erythematosus susceptibility loci across Europe: a case-control study. Arthritis Research and Therapy, 2012, 14, R94.	3.5	8
103	Antimalarial drugs inhibit IFNÎ±-enhanced TNFÎ± and STAT4 expression in monocytes: Implication for systemic lupus erythematosus. Cytokine, 2014, 67, 13-20.	3.2	8
104	Good response to tumour necrosis factor alpha blockade results in an angiogenic T cell recovery in rheumatoid arthritis patients. Rheumatology, 2015, 54, 1129-1131.	1.9	8
105	TNFÎ± polymorphism as marker of immunosenescence for rheumatoid arthritis patients. Experimental Gerontology, 2015, 61, 123-129.	2.8	8
106	Fatty acids intake and immune parameters in the elderly. Nutricion Hospitalaria, 2013, 28, 474-8.	0.3	8
107	Clinical and subclinical cardiovascular disease in female SLE patients: Interplay between body mass index and bone mineral density. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 135-143.	2.6	7
108	Relationship Between T-Cell Exosomes and Cellular Subsets in SLE According to Type I IFN-Signaling. Frontiers in Medicine, 2020, 7, 604098.	2.6	7

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109	Antibodies to ribosomal P proteins and hepatic damage in undifferentiated CTD.. Annals of the Rheumatic Diseases, 1996, 55, 562-563.	0.9	6
110	TNFÎ± genotype influences development of IgA-ASCA antibodies in Crohn's disease patients with CARD15 wild type. Clinical Immunology, 2006, 121, 305-313.	3.2	6
111	Plasmatic level of neurosin predicts outcome of mild cognitive impairment. International Archive of Medicine, 2008, 1, 11.	1.2	6
112	Real-time monitoring of HT29 epithelial cells as an in vitro model for assessing functional differences among intestinal microbiotas from different human population groups. Journal of Microbiological Methods, 2018, 152, 210-216.	1.6	6
113	IFNÎ± treatment generates antigen-presenting cells insensitive to atorvastatin inhibition of MHC-II expression. Clinical Immunology, 2008, 129, 350-359.	3.2	5
114	IgG Anti-high-Density Lipoproteins Antibodies Discriminate Between Arterial and Venous Events in Thrombotic Antiphospholipid Syndrome Patients. Frontiers in Medicine, 2019, 6, 211.	2.6	5
115	A1.75â€…Angiogenic T cells and derived microparticles disturbances in rheumatoid arthritis patients. Annals of the Rheumatic Diseases, 2014, 73, A33.1-A33.	0.9	3
116	Malondialdehyde-modified HDL particles elicit a specific IgG response in abdominal aortic aneurysm. Free Radical Biology and Medicine, 2021, 174, 171-181.	2.9	3
117	Novel Immune Cell Subsets Exhibit Different Associations With Vascular Outcomes in Chronic Kidney Disease Patientsâ€”Identifying Potential Biomarkers. Frontiers in Medicine, 2021, 8, 618286.	2.6	2
118	The HDL dysfunction gains momentum: is it time for a new approach in rheumatic diseases?. Rheumatology, 2020, 59, 3121-3123.	1.9	1
119	P1292DECREASES IN ANGIOGENIC T CELLS ARE PREDICTIVE BIOMARKERS OF VASCULAR DYSFUNCTION AND ATHEROSCLEROSIS IN CHRONIC KIDNEY DISEASE. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	1
120	Toll-like receptor 3 increases antigen-presenting cell responses to a pro-apoptotic stimulus, yet does not contribute to systemic lupus erythematosus genetic susceptibility. Clinical and Experimental Rheumatology, 2020, 38, 881-890.	0.8	1
121	FRI0348â€…Microparticles in Rheumatoid Arthritis Patients: A Principal Component Analysis Approach. Annals of the Rheumatic Diseases, 2014, 73, 513.2-513.	0.9	0
122	Comment on: â€œA new cytofluorimetric approach to evaluate the circulating microparticles in subjects with antiphospholipid antibodiesâ€•by Niccolai et al.. Thrombosis Research, 2016, 139, 127.	1.7	0
123	A New Chromosome Codification for Scheduling Problems. , 2005, , 74-82.		0
124	Optimization of the RT-PCR technique to detect melanoma cells in peripheral blood. Anticancer Research, 2002, 22, 1091-5.	1.1	0