

# Maria Teresa Fiorillo

## List of Publications by Year in descending order

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58  
papers

2,190  
citations

236925

25  
h-index

233421

45  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relevance of residue 116 of HLA-B27 in determining susceptibility to ankylosing spondylitis. <i>European Journal of Immunology</i> , 1995, 25, 3199-3201.	2.9	196
2	CD8+ T-cell autoreactivity to an HLA-B27-restricted self-epitope correlates with ankylosing spondylitis. <i>Journal of Clinical Investigation</i> , 2000, 106, 47-53.	8.2	162
3	Dual, HLA-B27 Subtype-dependent Conformation of a Self-peptide. <i>Journal of Experimental Medicine</i> , 2004, 199, 271-281.	8.5	144
4	Susceptibility to ankylosing spondylitis correlates with the C-terminal residue of peptides presented by various HLA-B27 subtypes. <i>European Journal of Immunology</i> , 1997, 27, 368-373.	2.9	107
5	HLA-DP Allele-Specific T Cell Responses to Beryllium Account for DP-Associated Susceptibility to Chronic Beryllium Disease. <i>Journal of Immunology</i> , 2001, 166, 3549-3555.	0.8	102
6	The interplay between the geographic distribution of HLA-B27 alleles and their role in infectious and autoimmune diseases: A unifying hypothesis. <i>Autoimmunity Reviews</i> , 2009, 8, 420-425.	5.8	84
7	Increased level of HLA-B27 expression in ankylosing spondylitis patients compared with healthy HLA-B27-positive subjects: a possible further susceptibility factor for the development of disease. <i>British Journal of Rheumatology</i> , 2002, 41, 1375-1379.	2.3	82
8	Allele-dependent Similarity between Viral and Self-peptide Presentation by HLA-B27 Subtypes. <i>Journal of Biological Chemistry</i> , 2005, 280, 2962-2971.	3.4	76
9	Dynamical Characterization of Two Differentially Disease Associated MHC Class I Proteins in Complex with Viral and Self-Peptides. <i>Journal of Molecular Biology</i> , 2012, 415, 429-442.	4.2	70
10	Distribution of HLA-B27 subtypes in Sardinia and continental Italy and their association with spondylarthropathies. <i>Arthritis and Rheumatism</i> , 2005, 52, 3319-3321.	6.7	67
11	The multifaceted nature of NLRP12. <i>Journal of Leukocyte Biology</i> , 2014, 96, 991-1000.	3.3	66
12	The naturally occurring polymorphism Asp116 → His116, differentiating the ankylosing spondylitis-associated HLA-B*2705 from the non-associated HLA-B*2709 subtype, influences peptide-specific CD8 T cell recognition. <i>European Journal of Immunology</i> , 1998, 28, 2508-2516.	2.9	57
13	Two distinctive HLA haplotypes harbor the B27 alleles negatively or positively associated with ankylosing spondylitis in Sardinia: Implications for disease pathogenesis. <i>Arthritis and Rheumatism</i> , 2003, 48, 1385-1389.	6.7	56
14	Conformational Dimorphism of Self-peptides and Molecular Mimicry in a Disease-associated HLA-B27 Subtype. <i>Journal of Biological Chemistry</i> , 2006, 281, 2306-2316.	3.4	49
15	Identification of a novel HLA-B27 subtype by restriction analysis of a cytotoxic gamma delta T cell clone. <i>Journal of Immunology</i> , 1994, 153, 3093-100.	0.8	49
16	Age-dependent association of idiopathic achalasia with vasoactive intestinal peptide receptor 1 gene. <i>Neurogastroenterology and Motility</i> , 2009, 21, 597-602.	3.0	47
17	The interplay between HLA-B27 and ERAP1/ERAP2 aminopeptidases: from anti-viral protection to spondyloarthritis. <i>Clinical and Experimental Immunology</i> , 2017, 190, 281-290.	2.6	45
18	HLA-B27 and Ankylosing Spondylitis geographic distribution as the result of a genetic selection induced by malaria endemic? A review supporting the hypothesis. <i>Autoimmunity Reviews</i> , 2008, 7, 398-403.	5.8	41

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19	HLA-B27 and antigen presentation: At the crossroads between immune defense and autoimmunity. <i>Molecular Immunology</i> , 2014, 57, 22-27.	2.2	41
20	A sardinian patient with ankylosing spondylitis and HLA-B*2709 co-occurring with HLA-B*1403. <i>Arthritis and Rheumatism</i> , 2007, 56, 2807-2809.	6.7	35
21	An allelic variant in the intergenic region between ERAP1 and ERAP2 correlates with an inverse expression of the two genes. <i>Scientific Reports</i> , 2018, 8, 10398.	3.3	35
22	The Multifaceted Nature of Aminopeptidases ERAP1, ERAP2, and LNPEP: From Evolution to Disease. <i>Frontiers in Immunology</i> , 2020, 11, 1576.	4.8	30
23	Identification of previously unrecognized predisposing factors for ankylosing spondylitis from analysis of HLA-B27 extended haplotypes in sardinia. <i>Arthritis and Rheumatism</i> , 2007, 56, 2640-2651.	6.7	29
24	Analysis of human/mouse interleukin-6 hybrid proteins: both amino and carboxy termini of human interleukin-6 are required for in vitro receptor binding. <i>European Journal of Immunology</i> , 1992, 22, 2609-2615.	2.9	28
25	A functional polymorphism of the vasoactive intestinal peptide receptor 1 gene correlates with the presence of HLA-B*2705 in Sardinia. <i>Genes and Immunity</i> , 2008, 9, 659-667.	4.1	28
26	Expression of the murine interleukin 6 receptor in hepatoma cells: the intracytoplasmic domain is not required for interleukin 6 signal transduction. <i>European Journal of Immunology</i> , 1992, 22, 799-804.	2.9	26
27	Citrullination-dependent Differential Presentation of a Self-peptide by HLA-B27 Subtypes. <i>Journal of Biological Chemistry</i> , 2008, 283, 27189-27199.	3.4	26
28	HLA-E gene polymorphism associates with ankylosing spondylitis in Sardinia. <i>Arthritis Research and Therapy</i> , 2009, 11, R171.	3.5	25
29	CD8+ T Cell Senescence: Lights and Shadows in Viral Infections, Autoimmune Disorders and Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3374.	4.1	25
30	Characterization of CD8+ T cell repertoire in identical twins discordant and concordant for multiple sclerosis. <i>Journal of Leukocyte Biology</i> , 2007, 81, 696-710.	3.3	23
31	Regulation and trafficking of the HLA-E molecules during monocyte-macrophage differentiation. <i>Journal of Leukocyte Biology</i> , 2016, 99, 121-130.	3.3	22
32	The Impact of the <i>Mis-Peptidome</i> ™ on HLA Class I-Mediated Diseases: Contribution of ERAP1 and ERAP2 and Effects on the Immune Response. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9608.	4.1	22
33	Frequency of the New HLA-B*2709 Allele in Ankylosing Spondylitis Patients and Healthy Individuals. <i>Disease Markers</i> , 1994, 12, 215-217.	1.3	20
34	HLA Class I or Class II and Disease Association: Catch the Difference If You Can. <i>Frontiers in Immunology</i> , 2017, 8, 1475.	4.8	19
35	Editorial: Ankylosing Spondylitis and Related Immune-Mediated Disorders. <i>Frontiers in Immunology</i> , 2019, 10, 1232.	4.8	18
36	The Peptide Repertoire of HLA-B27 may include Ligands with Lysine at P2 Anchor Position. <i>Proteomics</i> , 2018, 18, e1700249.	2.2	17

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37	Ankylosing Spondylitis: A Trade Off of HLA-B27, ERAP, and Pathogen Interconnections? Focus on Sardinia. <i>Frontiers in Immunology</i> , 2019, 10, 35.	4.8	17
38	HLA-B27 and ankylosing spondylitis geographic distribution versus malaria endemic: casual or causal liaison?. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 138-140.	0.9	16
39	Interaction Pattern of Arg 62 in the A-Pocket of Differentially Disease-Associated HLA-B27 Subtypes Suggests Distinct TCR Binding Modes. <i>PLoS ONE</i> , 2012, 7, e32865.	2.5	16
40	T-Cell Responses Against Viral and Self-Epitopes and HLA-B27 Subtypes Differentially Associated with Ankylosing Spondylitis. <i>Advances in Experimental Medicine and Biology</i> , 2009, 649, 255-262.	1.6	15
41	The Asp116-His116 substitution in a novel HLA-B27 subtype influences the acceptance of the peptide C-terminal anchor. <i>Immunogenetics</i> , 1995, 41, 38-39.	2.4	14
42	Astrocytes and Inflammatory T Helper Cells: A Dangerous Liaison in Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2022, 13, 824411.	4.8	14
43	The Expression of Vasoactive Intestinal Peptide Receptor 1 Is Negatively Modulated by MicroRNA 525-5p. <i>PLoS ONE</i> , 2010, 5, e12067.	2.5	13
44	Divergent Effect of Cobalt and Beryllium Salts on the Fate of Peripheral Blood Monocytes and T Lymphocytes. <i>Toxicological Sciences</i> , 2011, 119, 257-269.	3.1	12
45	Susceptibility to ankylosing spondylitis but not disease outcome is influenced by the level of HLA-B27 expression, which shows moderate variability over time. <i>Scandinavian Journal of Rheumatology</i> , 2012, 41, 214-218.	1.1	12
46	The rs75862629 minor allele in the endoplasmic reticulum aminopeptidases intergenic region affects human leucocyte antigen B27 expression and protects from ankylosing spondylitis in Sardinia. <i>Rheumatology</i> , 2019, 58, 2315-2324.	1.9	11
47	Unusual Placement of an EBV Epitope into the Groove of the Ankylosing Spondylitis-Associated HLA-B27 Allele Allows CD8+ T Cell Activation. <i>Cells</i> , 2019, 8, 572.	4.1	11
48	Binding of Staphylococcal Enterotoxin B (SEB) to B7 Receptors Triggers TCR- and CD28-Mediated Inflammatory Signals in the Absence of MHC Class II Molecules. <i>Frontiers in Immunology</i> , 2021, 12, 723689.	4.8	10
49	Characterization of a Proteasome and TAP-independent Presentation of Intracellular Epitopes by HLA-B27 Molecules. <i>Journal of Biological Chemistry</i> , 2012, 287, 30358-30367.	3.4	9
50	The Ankylosing Spondylitis-Associated HLA-B*2705 Presents a B*0702-Restricted EBV Epitope and Sustains the Clonal Amplification of Cytotoxic T Cells in Patients. <i>Molecular Medicine</i> , 2016, 22, 215-223.	4.4	9
51	Expression analysis of HLA-E and NKG2A and NKG2C receptors points at a role for natural killer function in ankylosing spondylitis. <i>RMD Open</i> , 2018, 4, e000597.	3.8	9
52	CD8+ T-cell mediated self-reactivity in HLA-B27 context as a consequence of dual peptide conformation. <i>Clinical Immunology</i> , 2010, 135, 476-482.	3.2	8
53	The C Terminus of the Nucleoprotein of Influenza A Virus Delivers Antigens Transduced by Tat to the trans -Golgi Network and Promotes an Efficient Presentation through HLA Class I. <i>Journal of Virology</i> , 2005, 79, 15537-15546.	3.4	7
54	HLA-B*2709 and lack of susceptibility to sacroiliitis: further support from the clinic. <i>Clinical and Experimental Rheumatology</i> , 2008, 26, 1111-2.	0.8	6

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55	T cell response to N-formylated peptides in humans. <i>European Journal of Immunology</i> , 2001, 31, 2762-2770.	2.9	4
56	AIF-1 gene does not confer susceptibility to Behçet's disease: Analysis of extended haplotypes in Sardinian population. <i>PLoS ONE</i> , 2018, 13, e0204250.	2.5	4
57	Single Nucleotide Polymorphisms in the 3'UTR of VPAC-1 Cooperate in Modulating Gene Expression and Impact Differently on the Interaction with miR525-5p. <i>PLoS ONE</i> , 2014, 9, e112646.	2.5	4
58	OP0240...Higher Expression of TNFR1 and IL-1R2 on Cell Surface of B*2705 Ankylosing Spondylitis Patients Vs B*2705 and B*2709 Healthy Subjects. Influence of Erp1 Polymorphism. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A133.3-A134.	0.9	0