Mara Biasin

List of Publications by Year in descending order

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118 papers	4,095 citations	125106 35 h-index	156644 58 g-index
126 all docs	126 docs citations	126 times ranked	6842 citing authors

#	Article	IF	Citations
1	Olfactory bulb SARSâ€CoVâ€2 infection is not paralleled by the presence of virus in other central nervous system areas. Neuropathology and Applied Neurobiology, 2022, 48, .	1.8	18
2	UV and violet light can Neutralize SARS-CoV-2 Infectivity. Journal of Photochemistry and Photobiology, 2022, 10, 100107.	1.1	20
3	Pregnant Women Develop a Specific Immunological Long-Lived Memory Against SARS-COV-2. Frontiers in Immunology, 2022, 13, 827889.	2.2	5
4	Leishmania tarentolae as an Antigen Delivery Platform: Dendritic Cell Maturation after Infection with a Clone Engineered to Express the SARS-CoV-2 Spike Protein. Vaccines, 2022, 10, 803.	2.1	3
5	Dopamine Reduces SARS-CoV-2 Replication In Vitro through Downregulation of D2 Receptors and Upregulation of Type-I Interferons. Cells, 2022, 11, 1691.	1.8	9
6	Simplexviruses Successfully Adapt to Their Host by Fine-Tuning Immune Responses. Molecular Biology and Evolution, 2022, 39, .	3.5	3
7	ERAPs Reduce In Vitro HIV Infection by Activating Innate Immune Response. Journal of Immunology, 2021, 206, 1609-1617.	0.4	5
8	UV-C irradiation is highly effective in inactivating SARS-CoV-2 replication. Scientific Reports, 2021, 11, 6260.	1.6	207
9	Emergency Lung Transplantation after COVID-19: Immunopathological Insights on Two Affected Patients. Cells, 2021, 10, 611.	1.8	11
10	Ultraviolet C lamps for disinfection of surfaces potentially contaminated with SARS-CoV-2 in critical hospital settings: examples of their use and some practical advice. BMC Infectious Diseases, 2021, 21, 594.	1.3	15
11	SARS-CoV-2 Infected Pediatric Cerebral Cortical Neurons: Transcriptomic Analysis and Potential Role of Toll-like Receptors in Pathogenesis. International Journal of Molecular Sciences, 2021, 22, 8059.	1.8	10
12	MiRNA Profiling in Plasma and Placenta of SARS-CoV-2-Infected Pregnant Women. Cells, 2021, 10, 1788.	1.8	27
13	Unlikely SARS-CoV-2 Transmission During Vaginal Delivery. Reproductive Sciences, 2021, 28, 2939-2941.	1.1	15
14	The Modulation of Cholesterol Metabolism Is Involved in the Antiviral Effect of Nitazoxanide. Infectious Disease Reports, 2021, 13, 636-644.	1.5	1
15	Solar UV-B/A radiation is highly effective in inactivating SARS-CoV-2. Scientific Reports, 2021, 11, 14805.	1.6	27
16	Transcriptomic Analysis of HCN-2 Cells Suggests Connection among Oxidative Stress, Senescence, and Neuron Death after SARS-CoV-2 Infection. Cells, 2021, 10, 2189.	1.8	14
17	Antigen presentation in SARS-CoV-2 infection: the role of class I HLA and ERAP polymorphisms. Human Immunology, 2021, 82, 551-560.	1.2	23
18	Severity of COVID-19 Patients Predicted by Serum Sphingolipids Signature. International Journal of Molecular Sciences, 2021, 22, 10198.	1.8	45

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19	SARS-CoV-2 Exposed Mesenchymal Stromal Cell from Congenital Pulmonary Airway Malformations: Transcriptomic Analysis and the Expression of Immunomodulatory Genes. International Journal of Molecular Sciences, 2021, 22, 11814.	1.8	2
20	PD-1 blockade counteracts postâ€“COVID-19 immune abnormalities and stimulates the antiâ€“SARS-CoV-2 immune response. JCI Insight, 2021, 6, .	2.3	51
21	CD46 Genetic Variability and HIV-1 Infection Susceptibility. Cells, 2021, 10, 3094.	1.8	3
22	Immunological Characterization of HIV and SARS-CoV-2 Coinfected Young Individuals. Cells, 2021, 10, 3187.	1.8	8
23	Anti-Inflammatory Effects of Immunostimulation in Patients with COVID-19 Pneumonia. Journal of Clinical Medicine, 2021, 10, 5765.	1.0	3
24	New Insights in the Fight against HIV. Cells, 2021, 10, 3549.	1.8	0
25	IL-21 is associated with natural resistance to HIV-1 infection in a Colombian HIV exposed seronegative cohort. Microbes and Infection, 2020, 22, 371-374.	1.0	5
26	Forcing Seasonality of Influenza-like Epidemics with Daily Solar Resonance. IScience, 2020, 23, 101605.	1.9	9
27	Analysis of SARS-CoV-2 vertical transmission during pregnancy. Nature Communications, 2020, 11, 5128.	5.8	284
28	A New ERAP2/Iso3 Isoform Expression Is Triggered by Different Microbial Stimuli in Human Cells. Could It Play a Role in the Modulation of SARS-CoV-2 Infection?. Cells, 2020, 9, 1951.	1.8	28
29	Sterol metabolism modulates susceptibility to HIV-1 Infection. Aids, 2020, 34, 1593-1602.	1.0	12
30	An Overview on ERAP Roles in Infectious Diseases. Cells, 2020, 9, 720.	1.8	34
31	Human papillomavirus in spermatozoa is efficiently removed by washing: a suitable approach for assisted reproduction. Reproductive BioMedicine Online, 2020, 40, 693-699.	1.1	10
32	Genetic and epigenetic regulation of natural resistance to HIV-1 infection: new approaches to unveil the HESN secret. Expert Review of Clinical Immunology, 2020, 16, 429-445.	1.3	7
33	Endoplasmic Reticulum Associated Aminopeptidase 2 (ERAP2) Is Released in the Secretome of Activated MDMs and Reduces in vitro HIV-1 Infection. Frontiers in Immunology, 2019, 10, 1648.	2.2	24
34	A high mucosal blocking score is associated with HIV protection. Aids, 2019, 33, 411-423.	1.0	4
35	Genetic associations of the vitamin D and antiviral pathways with natural resistance to HIV-1 infection are influenced by interpopulation variability. Infection, Genetics and Evolution, 2019, 73, 276-286.	1.0	3
36	A Knockout IFNL4 Variant Is Associated With Protection From Sexually Transmitted HIV-1 Infection. Journal of Infectious Diseases, 2019, 219, 772-776.	1.9	5

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37	Genetic and immune determinants of immune activation in HIV-exposed seronegative individuals and their role in protection against HIV infection. Infection, Genetics and Evolution, 2018, 66, 325-334.	1.0	17
38	Higher Levels of Peripheral Th17 T CD4+ Cells Are Associated With Immunological Non Response in HIV-Infected Patients Under Effective ART. Journal of Acquired Immune Deficiency Syndromes (1999), 2018, 77, e45-e47.	0.9	2
39	Interleukin 21 (IL-21)/microRNA-29 (miR-29) axis is associated with natural resistance to HIV-1 infection. Aids, 2018, 32, 2453-2461.	1.0	31
40	Asymptomatic HIV People Present Different Profiles of sCD14, sRAGE, DNA Damage, and Vitamins, according to the Use of cART and CD4⁺T Cell Restoration. Journal of Immunology Research, 2018, 2018, 1-11.	0.9	3
41	The NLRP3 Inflammasome Is Upregulated in HIV-Infected Antiretroviral Therapy-Treated Individuals with Defective Immune Recovery. Frontiers in Immunology, 2018, 9, 214.	2.2	71
42	Immune correlates of protection against HIV infection and how to elicit them. Mucosal Immunology, 2017, 10, 827-828.	2.7	4
43	TLR3 Mutations in Adult Patients With Herpes Simplex Virus and Varicella-Zoster Virus Encephalitis. Journal of Infectious Diseases, 2017, 215, 1430-1434.	1.9	53
44	A 6-amino acid insertion/deletion polymorphism in the mucin domain of TIM-1 confers protections against HIV-1 infection. Microbes and Infection, 2017, 19, 69-74.	1.0	9
45	High Expression of Antiviral and Vitamin D Pathway Genes Are a Natural Characteristic of a Small Cohort of HIV-1-Exposed Seronegative Individuals. Frontiers in Immunology, 2017, 8, 136.	2.2	15
46	Antiretroviral Therapy Initiation Alters the Redox System of Asymptomatic HIV-Infected Individuals: A Longitudinal Study. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10.	1.9	10
47	The Initial Months of Antiretroviral Therapy and Its Influence on AGEs, HMGB1, and sRAGE Levels in Asymptomatic HIV-Infected Individuals. Mediators of Inflammation, 2016, 2016, 1-9.	1.4	8
48	Stimulation of PBMC and Monocyte-Derived Macrophages via Toll-Like Receptor Activates Innate Immune Pathways in HIV-Infected Patients on Virally Suppressive Combination Antiretroviral Therapy. Frontiers in Immunology, 2016, 7, 614.	2.2	30
49	Immunological Characterization of Whole Tumour Lysate-Loaded Dendritic Cells for Cancer Immunotherapy. PLoS ONE, 2016, 11, e0146622.	1.1	27
50	Identification of a Specific miRNA Profile in HIV-Exposed Seronegative Individuals. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 73, 11-19.	0.9	21
51	Thiazolides Elicit Anti-Viral Innate Immunity and Reduce HIV Replication. Scientific Reports, 2016, 6, 27148.	1.6	49
52	Occupational HIV infection in a research laboratory with unknown mode of transmission: a case report. Clinical Infectious Diseases, 2016, 64, ciw851.	2.9	3
53	Precursor Forms of Vitamin D Reduce HIV-1 Infection In Vitro. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 73, 497-506.	0.9	16
54	Upregulation of inflammasome activity and increased gut permeability are associated with obesity in children and adolescents. International Journal of Obesity, 2016, 40, 1026-1033.	1.6	60

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55	Short Communication: Immune Activation Is Present in HIV-1-Exposed Seronegative Individuals and Is Independent of Microbial Translocation. AIDS Research and Human Retroviruses, 2016, 32, 129-133.	0.5	39
56	Immunomodulatory activity of pidotimod administered with standard antibiotic therapy in children hospitalized for community-acquired pneumonia. Journal of Translational Medicine, 2015, 13, 288.	1.8	30
57	Variants in the CYP7B1 gene region do not affect natural resistance to HIV-1 infection. Retrovirology, 2015, 12, 80.	0.9	1
58	Association of complement receptor 2 polymorphisms with innate resistance to HIV-1 infection. Genes and Immunity, 2015, 16, 134-141.	2.2	13
59	Diverse selective regimes shape genetic diversity atADARgenes and at their coding targets. RNA Biology, 2015, 12, 149-161.	1.5	9
60	A Regulatory Polymorphism in HAVCR2 Modulates Susceptibility to HIV-1 Infection. PLoS ONE, 2014, 9, e106442.	1.1	13
61	Pseudo-Mannosylated DC-SIGN Ligands as Potential Adjuvants for HIV Vaccines. Viruses, 2014, 6, 391-403.	1.5	25
62	An Evolutionary Analysis of Antigen Processing and Presentation across Different Timescales Reveals Pervasive Selection. PLoS Genetics, 2014, 10, e1004189.	1.5	42
63	Ancient and Recent Selective Pressures Shaped Genetic Diversity at AIM2-Like Nucleic Acid Sensors. Genome Biology and Evolution, 2014, 6, 830-845.	1.1	28
64	Evolutionary Analysis Identifies an MX2 Haplotype Associated with Natural Resistance to HIV-1 Infection. Molecular Biology and Evolution, 2014, 31, 2402-2414.	3.5	28
65	ABO histo-blood group might modulate predisposition to Crohn's disease and affect disease behavior. Journal of Crohn's and Colitis, 2014, 8, 489-494.	0.6	32
66	Plasma and PBMC miRNA Profile in Sexually HIV-1 Exposed Seronegative Individuals. AIDS Research and Human Retroviruses, 2014, 30, A83-A83.	0.5	0
67	Evolutionary Analysis Identifies an MX2 Haplotype Associated with Natural Resistance to HIV-1 Infection. AIDS Research and Human Retroviruses, 2014, 30, A24-A25.	0.5	0
68	No cure of HIV infection in a child despite early treatment and apparent viral clearance. Lancet, The, 2014, 384, 1320.	6.3	52
69	Toll-like receptor 3 differently modulates inflammation in progressive or benign multiple sclerosis. Clinical Immunology, 2014, 150, 109-120.	1.4	16
70	Vitamin D Receptor Gene Polymorphisms Are Associated with Obesity and Inflammosome Activity. PLoS ONE, 2014, 9, e102141.	1.1	69
71	Crohn's Disease Loci Are Common Targets of Protozoa-Driven Selection. Molecular Biology and Evolution, 2013, 30, 1077-1087.	3.5	28
72	The genetic basis of resistance to HIV infection and disease progression. Expert Review of Clinical Immunology, 2013, 9, 319-334.	1.3	13

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73	A 175 Million Year History of T Cell Regulatory Molecules Reveals Widespread Selection, with Adaptive Evolution of Disease Alleles. Immunity, 2013, 38, 1129-1141.	6.6	30
74	Endoplasmic reticulum aminopeptidase 2 haplotypes play a role in modulating susceptibility to HIV infection. Aids, 2013, 27, 1697-1706.	1.0	28
75	Atherosclerosis is associated with multiple pathogenic mechanisms in HIV-infected antiretroviral-naive or treated individuals. Aids, 2013, 27, 381-389.	1.0	46
76	Immunomodulating activity of Pidotimod in children with Down syndrome. Journal of Biological Regulators and Homeostatic Agents, 2013, 27, 253-8.	0.7	13
77	Genetic variability at the TREX1 locus is not associated with natural resistance to HIV-1 infection. Aids, 2012, 26, 1443-1445.	1.0	7
78	Mucosal immunoglobulin A in HIV-exposed seronegative individuals. Aids, 2012, 26, 2247-2250.	1.0	2
79	A glycomimetic compound inhibits DC-SIGN-mediated HIV infection in cellular and cervical explant models. Aids, 2012, 26, 127-137.	1.0	58
80	A Common Polymorphism in TLR3 Confers Natural Resistance to HIV-1 Infection. Journal of Immunology, 2012, 188, 818-823.	0.4	104
81	Identification of a new susceptibility variant for multiple sclerosis in OAS1 by population genetics analysis. Human Genetics, 2012, 131, 87-97.	1.8	20
82	A Functional Variant in ERAP1 Predisposes to Multiple Sclerosis. PLoS ONE, 2012, 7, e29931.	1.1	46
83	Are Some People Protected Against HIV Infection?. , 2012, , 135-143.		0
84	Proteomic characterization of Jurkat T leukemic cells after dopamine stimulation: A model of circulating dopamine-sensitive cells. Biochimie, 2011, 93, 892-898.	1.3	5
85	Hydroxychloroquine drastically reduces immune activation in HIV-infected, antiretroviral therapyâ€“treated immunologic nonresponders. Blood, 2011, 118, 3263-3272.	0.6	158
86	Overactivation of plasmacytoid dendritic cells inhibits antiviral T-cell responses: a model for HIV immunopathogenesis. Blood, 2011, 118, 5152-5162.	0.6	43
87	A POSITIVELY SELECTED APOBEC3H HAPLOTYPE IS ASSOCIATED WITH NATURAL RESISTANCE TO HIV-1 INFECTION. Evolution; International Journal of Organic Evolution, 2011, 65, 3311-3322.	1.1	31
88	An Evolutionary Analysis of RAC2 Identifies Haplotypes Associated with Human Autoimmune Diseases. Molecular Biology and Evolution, 2011, 28, 3319-3329.	3.5	19
89	Long-term balancing selection maintains trans-specific polymorphisms in the human TRIM5 gene. Human Genetics, 2010, 128, 577-588.	1.8	52
90	Genetic diversity at endoplasmic reticulum aminopeptidases is maintained by balancing selection and is associated with natural resistance to HIV-1 infection. Human Molecular Genetics, 2010, 19, 4705-4714.	1.4	84

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91	TLR Activation Pathways in HIV-1â€“Exposed Seronegative Individuals. Journal of Immunology, 2010, 184, 2710-2717.	0.4	76
92	Innate Immunity in Resistance to HIV Infection. Journal of Infectious Diseases, 2010, 202, S361-S365.	1.9	16
93	Population Genetics of IFIH1: Ancient Population Structure, Local Selection, and Implications for Susceptibility to Type 1 Diabetes. Molecular Biology and Evolution, 2010, 27, 2555-2566.	3.5	58
94	The â€˜immunologic advantagesâ€™ of HIV-exposed seronegative individuals: authors' reply. Aids, 2009, 23, 1612.	1.0	2
95	Genetic correlates of protection against HIV infection: the ally within. Journal of Internal Medicine, 2009, 265, 110-124.	2.7	53
96	Early initiation of highly active antiretroviral therapy fails to reverse immunovirological abnormalities in gut-associated lymphoid tissue induced by acute HIV infection. Antiviral Therapy, 2009, 14, 321-330.	0.6	41
97	Apolipoprotein B mRNAâ€“Editing Enzyme, Catalytic Polypeptideâ€“Like 3G: A Possible Role in the Resistance to HIV of HIVâ€Exposed Seronegative Individuals. Journal of Infectious Diseases, 2007, 195, 960-964.	1.9	87
98	Transfusion of red blood cells from an HIV-RNA-positive/anti-HIV-negative donor without HIV infection in the recipient. Transfusion, 2007, 47, 1328-1329.	0.8	10
99	Adaptative Immune Responses in HIV-1 Infection. , 2007, , 333-378.		0
100	Thalidomide in the Treatment of Chronic Hepatitis C Unresponsive to Alfa-Interferon and Ribavirin. American Journal of Gastroenterology, 2006, 101, 399-402.	0.2	16
101	Decrease in pathology and progression of scrapie after immunisation with synthetic prion protein peptides in hamsters. Vaccine, 2005, 23, 2862-2868.	1.7	43
102	Functional repertoire of dendritic cells generated in granulocyte macrophage-colony stimulating factor and interferon-Î±. Journal of Leukocyte Biology, 2004, 75, 106-116.	1.5	66
103	Human Î± Defensin in HIV-Exposed But Uninfected Individuals. Journal of Acquired Immune Deficiency Syndromes (1999), 2004, 35, 455-463.	0.9	73
104	Granule-dependent mechanisms of lysis are defective in CD8 T cells of HIV-infected, antiretroviral therapy-treated individuals. Aids, 2004, 18, 859-869.	1.0	36
105	Immunomodulation Induced by Tucaresol in HIV Infection: Results of a 16 Week Pilot Phase I/II Trial. Antiviral Therapy, 2004, 9, 603-614.	0.6	13
106	IL-4 and CXCR4 upregulation in HIV-infected and uninfected individuals from Maharashtra-Mumbai. Aids, 2003, 17, 1563-1565.	1.0	10
107	B7-H1 is up-regulated in HIV infection and is a novel surrogate marker of disease progression. Blood, 2003, 101, 2514-2520.	0.6	157
108	Modulation of Human Immunodeficiency Virus (HIV)-Specific Immune Response by Using Efavirenz, Nelfinavir, and Stavudine in a Rescue Therapy Regimen for HIV-Infected, Drug-Experienced Patients. Vaccine Journal, 2002, 9, 1114-1118.	3.2	9

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109	Serum Concentration of Î³GT Is a Surrogate Marker of Hepatic TNF-Î± mRNA Expression in Chronic Hepatitis C. Clinical Immunology, 2002, 105, 279-285.	1.4	19
110	AIDS in Africa. Lancet, The, 2002, 360, 1424.	6.3	2
111	Different immunologic profiles characterize HIV infection in highly active antiretroviral therapy-treated and antiretroviral-naÃ¯ve patients with undetectable viraemia. Aids, 2000, 14, 109-116.	1.0	38
112	Mucosal and Systemic Immune Activation Is Present in Human Immunodeficiency Virusâ€“Exposed Seronegative Women. Journal of Infectious Diseases, 2000, 182, 1365-1374.	1.9	73
113	Human Immunodeficiency Virus (HIV)â€“Specific IgA and HIV Neutralizing Activity in the Serum of Exposed Seronegative Partners of HIVâ€Seropositive Persons. Journal of Infectious Diseases, 1999, 180, 871-875.	1.9	135
114	A role for mucosal immunity in resistance to HIV infection. Immunology Letters, 1999, 66, 21-25.	1.1	16
115	Altered Signaling Lymphocytic Activation Molecule (SLAM) Expression in HIV Infection and Redirection of HIV-Specific Responses via SLAM Triggering. Clinical Immunology, 1999, 92, 276-284.	1.4	10
116	Type 1 and Type 2 Cytokines in HIV Infection â€“ A Possible Role in Apoptosis and Disease Progression. Annals of Medicine, 1997, 29, 185-188.	1.5	44
117	HIV-specific mucosal and cellular immunity in HIV-seronegative partners of HIV-seropositive individuals. Nature Medicine, 1997, 3, 1250-1257.	15.2	399
118	Immune Dysregulation and T-Cell Activation Antigens in HIV Infection. , 0, , 33-51.		0