

# Antonio Piralla

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

3,538  
citations

136950

32  
h-index

175258

52  
g-index

119  
all docs

119  
docs citations

119  
times ranked

5943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Humoral and cell-mediated response against SARS-CoV-2 variants elicited by mRNA vaccine BNT162b2 in healthcare workers: a longitudinal observational study. <i>Clinical Microbiology and Infection</i> , 2022, 28, 301.e1-301.e8.	6.0	28
2	SARS-CoV-2 infections in pediatric patients: A comparison of three pandemic waves. <i>Pediatric Allergy and Immunology</i> , 2022, 33, 93-95.	2.6	3
3	Spread of multiple SARS-CoV-2 lineages April–August 2020 anticipated the second pandemic wave in Lombardy (Italy). <i>Pediatric Allergy and Immunology</i> , 2022, 33, 89-92.	2.6	3
4	Immunity to SARS-CoV-2 up to 15 months after infection. <i>IScience</i> , 2022, 25, 103743.	4.1	56
5	Human serum from SARS-CoV-2-vaccinated and COVID-19 patients shows reduced binding to the RBD of SARS-CoV-2 Omicron variant. <i>BMC Medicine</i> , 2022, 20, 102.	5.5	67
6	Molecular Epidemiology of Rhinovirus/Enterovirus and Their Role on Cause Severe and Prolonged Infection in Hospitalized Patients. <i>Microorganisms</i> , 2022, 10, 755.	3.6	9
7	Comparative analysis of SARS-CoV-2 quasispecies in the upper and lower respiratory tract shows an ongoing evolution in the spike cleavage site. <i>Virus Research</i> , 2022, 315, 198786.	2.2	5
8	Evaluation of the Neutralizing Antibodies Response against 14 SARS-CoV-2 Variants in BNT162b2 Vaccinated Naïve and COVID-19 Positive Healthcare Workers from a Northern Italian Hospital. <i>Vaccines</i> , 2022, 10, 703.	4.4	3
9	Heterologous immunization with inactivated vaccine followed by mRNA-booster elicits strong immunity against SARS-CoV-2 Omicron variant. <i>Nature Communications</i> , 2022, 13, 2670.	12.8	108
10	Editorial for the Special Issue “Epidemiology of Enterovirus Disease”. <i>Microorganisms</i> , 2022, 10, 1221.	3.6	0
11	ORFome Phage Display Reveals a Major Immunogenic Epitope on the S2 Subdomain of SARS-CoV-2 Spike Protein. <i>Viruses</i> , 2022, 14, 1326.	3.3	4
12	Characteristics and outcomes of vaccinated and nonvaccinated patients hospitalized in a single Italian hub for COVID-19 during the Delta and Omicron waves in Northern Italy. <i>International Journal of Infectious Diseases</i> , 2022, 122, 420-426.	3.3	10
13	Residual SARS-CoV-2 RNA in nasal swabs of convalescent COVID-19 patients: Is prolonged quarantine always justified?. <i>International Journal of Infectious Diseases</i> , 2021, 102, 299-302.	3.3	27
14	Genomic epidemiology of SARS-CoV-2 reveals multiple lineages and early spread of SARS-CoV-2 infections in Lombardy, Italy. <i>Nature Communications</i> , 2021, 12, 434.	12.8	102
15	No evidence of SARS-CoV-2 circulation in the framework of influenza surveillance between October 2019 and February 2020 in Lombardy, Italy. <i>Travel Medicine and Infectious Disease</i> , 2021, 40, 102002.	3.0	8
16	Persistence of SARS-CoV-2-specific B and T cell responses in convalescent COVID-19 patients 6–8 months after the infection. <i>Med</i> , 2021, 2, 281-295.e4.	4.4	153
17	Bispecific IgG neutralizes SARS-CoV-2 variants and prevents escape in mice. <i>Nature</i> , 2021, 593, 424-428.	27.8	108
18	SARS-CoV-2 specific T-cell immunity in COVID-19 convalescent patients and unexposed controls measured by ex vivo ELISpot assay. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1029-1034.	6.0	49

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19	Antibody therapy for COVID-19. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2021, 21, 553-558.	2.3	17
20	SARS-CoV-2 vaccine breakthrough infections with the alpha variant are asymptomatic or mildly symptomatic among health care workers. <i>Nature Communications</i> , 2021, 12, 6032.	12.8	55
21	Macrophages and Monocytes: "Trojan Horses" in COVID-19. <i>Viruses</i> , 2021, 13, 2178.	3.3	18
22	Re-emergence of enterovirus D68 in Europe after easing the COVID-19 lockdown, September 2021. <i>Eurosurveillance</i> , 2021, 26, .	7.0	36
23	Circulation of non-polio enteroviruses in 24 EU and EEA countries between 2015 and 2017: a retrospective surveillance study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 350-361.	9.1	76
24	Contribution of Enteroviruses to Acute Central Nervous System or Systemic Infections in Northern Italy (2015-2017): Is It Time to Establish a National Laboratory-Based Surveillance System?. <i>BioMed Research International</i> , 2020, 2020, 1-5.	1.9	4
25	Compartmentalized Replication of SARS-Cov-2 in Upper vs. Lower Respiratory Tract Assessed by Whole Genome Quasispecies Analysis. <i>Microorganisms</i> , 2020, 8, 1302.	3.6	40
26	Kinetics of cytomegalovirus and Epstein-Barr virus DNA in whole blood and plasma of kidney transplant recipients: Implications on management strategies. <i>PLoS ONE</i> , 2020, 15, e0238062.	2.5	16
27	Detection of the SARS-CoV-2 in different biologic specimens from positive patients with COVID-19, in Northern Italy. <i>Pediatric Allergy and Immunology</i> , 2020, 31, 72-74.	2.6	4
28	Lack of SARS-CoV-2 RNA environmental contamination in a tertiary referral hospital for infectious diseases in Northern Italy. <i>Journal of Hospital Infection</i> , 2020, 105, 474-476.	2.9	51
29	SARS-CoV-2 positivity in rectal swabs: implication for possible transmission. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 754-755.	2.2	9
30	Baseline Amino Acid Substitutions in the NS5A ISDR and PKR Binding Domain of Hepatitis C and Different Fibrosis Levels and Levels of Development of Hepatocellular Carcinoma in Patients Treated with DAAs. <i>Viruses</i> , 2020, 12, 255.	3.3	2
31	Genetic variability of the measles virus hemagglutinin gene in B3 genotype strains circulating in Northern Italy. <i>Infection, Genetics and Evolution</i> , 2019, 75, 103943.	2.3	7
32	&lt;p&gt;Viral dynamics among HCV infected patients with different genotypes treated with genotypic specific or pan-genotypic direct-acting antiviral agent combinations&lt;/p&gt;. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 1975-1984.	2.7	4
33	Human parechovirus type 5 neurological infection in a neonate with a favourable outcome: A case report. <i>International Journal of Infectious Diseases</i> , 2019, 89, 175-178.	3.3	5
34	Collaborative national multicenter for the identification of conversion factors from copies/mL to international units/mL for the normalization of HCMV DNA load. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 95, 152-158.	1.8	11
35	Molecular Characterization of Influenza Strains in Patients Admitted to Intensive Care Units during the 2017-2018 Season. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2664.	4.1	4
36	Outbreak of measles genotype H1 in Northern Italy originated from a case imported from Southeast Asia, 2017. <i>Clinical Microbiology and Infection</i> , 2019, 25, 526-528.	6.0	5

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37	Emergence of divergent enterovirus (EV) D68 sub-clade D1 strains, northern Italy, September to October 2018. <i>Eurosurveillance</i> , 2019, 24, .	7.0	28
38	Recommendations for enterovirus diagnostics and characterisation within and beyond Europe. <i>Journal of Clinical Virology</i> , 2018, 101, 11-17.	3.1	161
39	Enterovirus-D68 (EV-D68) in pediatric patients with respiratory infection: The circulation of a new B3 clade in Italy. <i>Journal of Clinical Virology</i> , 2018, 99-100, 91-96.	3.1	23
40	Update of the recommendations of the Italian Society of Medical Oncology on vaccination for seasonal influenza and pneumococcal infection in patients with cancer: Focus on prevention of pneumonia. <i>European Journal of Cancer Care</i> , 2018, 27, e12817.	1.5	5
41	Cytomegalovirus and Epstein-Barr Virus DNA Kinetics in Whole Blood and Plasma of Allogeneic Hematopoietic Stem Cell Transplantation Recipients. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 1699-1706.	2.0	33
42	Cellular DNA quantification in respiratory samples for the normalization of viral load: a real need?. <i>Journal of Clinical Virology</i> , 2018, 107, 6-10.	3.1	9
43	Presence of L701M mutation in the FKS1 gene of echinocandin-susceptible <i>Candida krusei</i> isolates. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 92, 311-314.	1.8	3
44	FilmArray <sup>®</sup> , <sup>®</sup> GI panel performance for the diagnosis of acute gastroenteritis or hemorrhagic diarrhea. <i>BMC Microbiology</i> , 2017, 17, 111.	3.3	60
45	Frequency of respiratory viruses among patients admitted to 26 Intensive Care Units in seven consecutive winter-spring seasons (2009-2016) in Northern Italy. <i>Journal of Clinical Virology</i> , 2017, 92, 48-51.	3.1	32
46	Measles re-emergence in Northern Italy: Pathways of measles virus genotype D8, 2013-2014. <i>Infection, Genetics and Evolution</i> , 2017, 48, 120-126.	2.3	10
47	Baseline and Breakthrough Resistance Mutations in HCV Patients Failing DAAs. <i>Scientific Reports</i> , 2017, 7, 16017.	3.3	26
48	Frequency of respiratory virus infections and next-generation analysis of influenza A/H1N1pdm09 dynamics in the lower respiratory tract of patients admitted to the ICU. <i>PLoS ONE</i> , 2017, 12, e0178926.	2.5	13
49	Molecular epidemiology of influenza B virus among hospitalized pediatric patients in Northern Italy during the 2015-16 season. <i>PLoS ONE</i> , 2017, 12, e0185893.	2.5	11
50	Letter to the editor: Need for a European network for enterovirus D68 surveillance after detections of EV-D68 of the new B3 lineage in Sweden and Italy, 2016. <i>Eurosurveillance</i> , 2017, 22, .	7.0	10
51	Swine influenza A (H1N1) virus (SIV) infection requiring extracorporeal life support in an immunocompetent adult patient with indirect exposure to pigs, Italy, October 2016. <i>Eurosurveillance</i> , 2017, 22, .	7.0	16
52	Authors' reply: Two severe human cases due to swine influenza A (H1N1)v in October 2016 in Europe were chronologic coincident yet distinct events. <i>Eurosurveillance</i> , 2017, 22, .	7.0	0
53	Enterovirus-D68 in the Cerebrospinal Fluid of Two Children with Aseptic Meningitis. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 589-591.	2.0	15
54	Nation-wide measure of variability in HCMV, EBV and BKV DNA quantification among centers involved in monitoring transplanted patients. <i>Journal of Clinical Virology</i> , 2016, 82, 76-83.	3.1	10

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55	Monitoring of human cytomegalovirus DNAemia during primary infection in transmitter and non-transmitter mothers. <i>Journal of Clinical Virology</i> , 2016, 82, 89-93.	3.1	13
56	Acute respiratory distress syndrome in adenovirus type 4 pneumonia: A case report. <i>Journal of Clinical Virology</i> , 2016, 81, 78-81.	3.1	13
57	Differential cellular localization of Epstein-Barr virus and human cytomegalovirus in the colonic mucosa of patients with active or quiescent inflammatory bowel disease. <i>Immunologic Research</i> , 2016, 64, 191-203.	2.9	28
58	Risk of congenital disease in 46 infected fetuses according to gestational age of primary human cytomegalovirus infection in the mother. <i>Journal of Medical Virology</i> , 2016, 88, 120-126.	5.0	16
59	Epidemiology and Clinical Characteristics of Respiratory Infections Due to Adenovirus in Children Living in Milan, Italy, during 2013 and 2014. <i>PLoS ONE</i> , 2016, 11, e0152375.	2.5	32
60	Swine Influenza A(H3N2) Virus Infection in Immunocompromised Man, Italy, 2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 1189-91.	4.3	3
61	Characteristics and Their Clinical Relevance of Respiratory Syncytial Virus Types and Genotypes Circulating in Northern Italy in Five Consecutive Winter Seasons. <i>PLoS ONE</i> , 2015, 10, e0129369.	2.5	101
62	Reconstruction of the Evolutionary Dynamics of A(H3N2) Influenza Viruses Circulating in Italy from 2004 to 2012. <i>PLoS ONE</i> , 2015, 10, e0137099.	2.5	5
63	Persistent rhinovirus infection in pediatric hematopoietic stem cell transplant recipients with impaired cellular immunity. <i>Journal of Clinical Virology</i> , 2015, 67, 38-42.	3.1	11
64	A New Real-Time Reverse Transcription-PCR Assay for Detection of Human Enterovirus 68 in Respiratory Samples. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1725-1726.	3.9	25
65	Phylogenetic characterization of Central/Southern European lineage 2 West Nile virus: analysis of human outbreaks in Italy and Greece, 2013-2014. <i>Clinical Microbiology and Infection</i> , 2015, 21, 1122.e1-1122.e10.	6.0	49
66	Surveillance and vaccination coverage of measles and rubella in Northern Italy. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 206-213.	3.3	12
67	Circulation of two Enterovirus C105 (EV-C105) lineages in Europe and Africa. <i>Journal of General Virology</i> , 2015, 96, 1374-1379.	2.9	8
68	Bocavirus Infection in Otherwise Healthy Children with Respiratory Disease. <i>PLoS ONE</i> , 2015, 10, e0135640.	2.5	26
69	Phylogenetic Analysis of HIV Type 1 CRF02_AG in Multiple Genes in Italian and African Patients Living in Italy. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, 812-818.	1.1	1
70	Human enterovirus and parechovirus infections in newborns with sepsis-like illness and neurological disorders. <i>Early Human Development</i> , 2014, 90, S75-S77.	1.8	43
71	Phylogenetic characterization of enterovirus 68 strains in patients with respiratory syndromes in Italy. <i>Journal of Medical Virology</i> , 2014, 86, 1590-1593.	5.0	49
72	Emerging and re-emerging virus infections in neonates and young pediatric patients. <i>Early Human Development</i> , 2014, 90, S26-S28.	1.8	0

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73	FilmArray® respiratory panel performance in respiratory samples from neonatal care units. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 183-186.	1.8	29
74	A case of neonatal human parechovirus encephalitis with a favourable outcome. <i>Brain and Development</i> , 2014, 36, 70-73.	1.1	12
75	Cross-neutralization of four paramyxoviruses by a human monoclonal antibody. <i>Nature</i> , 2013, 501, 439-443.	27.8	220
76	Different drug-resistant influenza A(H3N2) variants in two immunocompromised patients treated with oseltamivir during the 2011–2012 influenza season in Italy. <i>Journal of Clinical Virology</i> , 2013, 58, 132-137.	3.1	16
77	Complete genome characterization of enterovirus 104 circulating in Northern Italy shows recombinant origin of the P3 region. <i>Infection, Genetics and Evolution</i> , 2013, 20, 111-117.	2.3	9
78	Molecular detection of gastrointestinal viral infections in hospitalized patients. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 77, 231-235.	1.8	52
79	Detection of haemagglutinin D222 polymorphisms in influenza A(H1N1)pdm09-infected patients by ultra-deep pyrosequencing. <i>Clinical Microbiology and Infection</i> , 2013, 19, 668-673.	6.0	29
80	A novel human enterovirus C (EV-C118) identified in two children hospitalised because of acute otitis media and community-acquired pneumonia in Israel. <i>Journal of Clinical Virology</i> , 2013, 56, 159-162.	3.1	19
81	Comparison of immunologic and molecular assays for the diagnosis of gastrointestinal viral infections. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 75, 110-111.	1.8	30
82	Virtual quantification of influenza A virus load by real-time RT-PCR. <i>Journal of Clinical Virology</i> , 2013, 56, 65-68.	3.1	21
83	Full Genome Sequence of a Novel Human Enterovirus C (EV-C118) Isolated from Two Children with Acute Otitis Media and Community-Acquired Pneumonia in Israel. <i>Genome Announcements</i> , 2013, 1, .	0.8	2
84	Multiple clusters of A(H1N1)pdm09 virus circulating in severe cases of influenza during the 2010–2011 season: A phylogenetic and molecular analysis of the neuraminidase gene. <i>Journal of Medical Virology</i> , 2013, 85, 944-952.	5.0	1
85	Allogeneic Hematopoietic Stem Cell Transplantation May Restore Gluten Tolerance in Patients With Celiac Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013, 56, 422-427.	1.8	14
86	Persistent Human Cosavirus Infection in Lung Transplant Recipient, Italy. <i>Emerging Infectious Diseases</i> , 2013, 19, 1667-1669.	4.3	19
87	Phylogenetic Analysis of Human Rhinovirus Isolates Collected from Otherwise Healthy Children with Community-Acquired Pneumonia during Five Successive Years. <i>PLoS ONE</i> , 2013, 8, e80614.	2.5	17
88	Genome Characterisation of Enteroviruses 117 and 118: A New Group within Human Enterovirus Species C. <i>PLoS ONE</i> , 2013, 8, e60641.	2.5	15
89	Complete Genome Sequence of a Novel Human Enterovirus C (HEV-C117) Identified in a Child with Community-Acquired Pneumonia. <i>Journal of Virology</i> , 2012, 86, 10888-10889.	3.4	25
90	Human rhinovirus and human respiratory enterovirus (EV68 and EV104) infections in hospitalized patients in Italy, 2008–2009. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 162-167.	1.8	48

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91	Naturally occurring mutations to HCV protease inhibitors in treatment-naïve patients. <i>Virology Journal</i> , 2012, 9, 245.	3.4	72
92	Reconstruction of the Evolutionary Dynamics of the A(H1N1)pdm09 Influenza Virus in Italy during the Pandemic and Post-Pandemic Phases. <i>PLoS ONE</i> , 2012, 7, e47517.	2.5	18
93	Novel Human Enterovirus C Infection in Child with Community-Acquired Pneumonia. <i>Emerging Infectious Diseases</i> , 2012, 18, 1913-1914.	4.3	7
94	Impact of rhinoviruses on pediatric community-acquired pneumonia. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 1637-1645.	2.9	38
95	Human parechovirus infections in patients admitted to hospital in Northern Italy, 2008–2010. <i>Journal of Medical Virology</i> , 2012, 84, 686-690.	5.0	44
96	Viremic Dengue virus infections in travellers: Potential for local outbreak in Northern Italy. <i>Journal of Clinical Virology</i> , 2011, 50, 76-79.	3.1	16
97	Severe outcome of influenza A/H1N1/09v infection associated with 222G/N polymorphisms in the haemagglutinin: a multicentre study. <i>Clinical Microbiology and Infection</i> , 2011, 17, 1166-1169.	6.0	44
98	HIV integrase variability and genetic barrier in antiretroviral naïve and experienced patients. <i>Virology Journal</i> , 2011, 8, 149.	3.4	16
99	Phylogenetic Patterns of Human Respiratory Picornavirus Species, Including the Newly Identified Group C Rhinoviruses, during a 1-Year Surveillance of a Hospitalized Patient Population in Italy. <i>Journal of Clinical Microbiology</i> , 2011, 49, 373-376.	3.9	49
100	Segregation of Virulent Influenza A(H1N1) Variants in the Lower Respiratory Tract of Critically Ill Patients during the 2010–2011 Seasonal Epidemic. <i>PLoS ONE</i> , 2011, 6, e28332.	2.5	34
101	Enterovirus Genotype EV-104 in Humans, Italy, 2008–2009. <i>Emerging Infectious Diseases</i> , 2010, 16, 1018-1021.	4.3	26
102	Genetic divergence of influenza A NS1 gene in pandemic 2009 H1N1 isolates with respect to H1N1 and H3N2 isolates from previous seasonal epidemics. <i>Virology Journal</i> , 2010, 7, 209.	3.4	6
103	First case in Italy of acquired resistance to oseltamivir in an immunocompromised patient with influenza A/H1N1v infection. <i>Journal of Clinical Virology</i> , 2010, 48, 220-222.	3.1	25
104	Comparative evaluation of eight commercial human cytomegalovirus IgG avidity assays. <i>Journal of Clinical Virology</i> , 2010, 48, 255-259.	3.1	77
105	Correlation of rhinovirus load in the respiratory tract and clinical symptoms in hospitalized immunocompetent and immunocompromised patients. <i>Journal of Medical Virology</i> , 2009, 81, 1498-1507.	5.0	100
106	Clinical severity and molecular typing of human rhinovirus C strains during a fall outbreak affecting hospitalized patients. <i>Journal of Clinical Virology</i> , 2009, 45, 311-317.	3.1	110
107	Multicenter nosocomial outbreak of parainfluenza virus type 3 infection in a pediatric oncohematology unit: a phylogenetic study. <i>Haematologica</i> , 2009, 94, 833-839.	3.5	38
108	Molecular epidemiology of primary human cytomegalovirus infection in pregnant women and their families. <i>Journal of Medical Virology</i> , 2008, 80, 1415-1425.	5.0	36

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109	Correlation of viral load as determined by real-time RT-PCR and clinical characteristics of respiratory syncytial virus lower respiratory tract infections in early infancy. <i>Journal of Clinical Virology</i> , 2008, 41, 45-48.	3.1	54
110	Rapid typing, subtyping and RNA quantification of influenza virus type A strains in respiratory secretions. <i>New Microbiologica</i> , 2008, 31, 319-27.	0.1	7
111	Human respiratory coronavirus HKU1 versus other coronavirus infections in Italian hospitalised patients. <i>Journal of Clinical Virology</i> , 2007, 38, 244-250.	3.1	107
112	The human bocavirus role in acute respiratory tract infections of pediatric patients as defined by viral load quantification. <i>New Microbiologica</i> , 2007, 30, 383-92.	0.1	21