

# Giuseppina La Rosa

## List of Publications by Citations

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115  
papers

3,429  
citations

31  
h-index

54  
g-index

124  
ext. papers

4,331  
ext. citations

5.8  
avg, IF

5.88  
L-index

#	Paper	IF	Citations
115	First detection of SARS-CoV-2 in untreated wastewaters in Italy. <i>Science of the Total Environment</i> , <b>2020</b> , 736, 139652	10.2	398
114	Coronavirus in water environments: Occurrence, persistence and concentration methods - A scoping review. <i>Water Research</i> , <b>2020</b> , 179, 115899	12.5	255
113	SARS-CoV-2 from faeces to wastewater treatment: What do we know? A review. <i>Science of the Total Environment</i> , <b>2020</b> , 743, 140444	10.2	202
112	SARS-CoV-2 has been circulating in northern Italy since December 2019: Evidence from environmental monitoring. <i>Science of the Total Environment</i> , <b>2021</b> , 750, 141711	10.2	150
111	Quantitative real-time PCR of enteric viruses in influent and effluent samples from wastewater treatment plants in Italy. <i>Annali Dell'Istituto Superiore Di Sanita</i> , <b>2010</b> , 46, 266-73	1.6	85
110	Emerging and potentially emerging viruses in water environments. <i>Annali Dell'Istituto Superiore Di Sanita</i> , <b>2012</b> , 48, 397-406	1.6	75
109	Viral infections acquired indoors through airborne, droplet or contact transmission. <i>Annali Dell'Istituto Superiore Di Sanita</i> , <b>2013</b> , 49, 124-32	1.6	65
108	Molecular detection of hepatitis E virus in sewage samples. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 5870-3	4.8	60
107	Minimization of spreading of SARS-CoV-2 via household waste produced by subjects affected by COVID-19 or in quarantine. <i>Science of the Total Environment</i> , <b>2020</b> , 743, 140803	10.2	55
106	Detection of genogroup IV noroviruses in environmental and clinical samples and partial sequencing through rapid amplification of cDNA ends. <i>Archives of Virology</i> , <b>2008</b> , 153, 2077-83	2.6	55
105	Molecular identification and genetic analysis of Norovirus genogroups I and II in water environments: comparative analysis of different reverse transcription-PCR assays. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 4152-61	4.8	54
104	Hepatitis A and E Viruses in Wastewaters, in River Waters, and in Bivalve Molluscs in Italy. <i>Food and Environmental Virology</i> , <b>2015</b> , 7, 316-24	4	52
103	High prevalence of anti-hepatitis E virus antibodies among blood donors in central Italy, February to March 2014. <i>Eurosurveillance</i> , <b>2016</b> , 21,	19.8	51
102	Hepatitis E virus in Italy: molecular analysis of travel-related and autochthonous cases. <i>Journal of General Virology</i> , <b>2011</b> , 92, 1617-1626	4.9	49
101	Quantification of Human Adenoviruses in European Recreational Waters. <i>Food and Environmental Virology</i> , <b>2010</b> , 2, 101-109	4	45
100	One-year Surveillance of Human Enteric Viruses in Raw and Treated Wastewaters, Downstream River Waters, and Drinking Waters. <i>Food and Environmental Virology</i> , <b>2017</b> , 9, 79-88	4	44
99	Surveillance of hepatitis A virus in urban sewages and comparison with cases notified in the course of an outbreak, Italy 2013. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14, 419	4	42

98	Rapid screening for SARS-CoV-2 variants of concern in clinical and environmental samples using nested RT-PCR assays targeting key mutations of the spike protein. <i>Water Research</i> , <b>2021</b> , 197, 117104	12.5	41
97	Detection and molecular characterization of noroviruses from five sewage treatment plants in central Italy. <i>Water Research</i> , <b>2010</b> , 44, 1777-84	12.5	39
96	Molecular characterization of human adenoviruses in urban wastewaters using next generation and Sanger sequencing. <i>Water Research</i> , <b>2017</b> , 121, 240-247	12.5	38
95	Validation of rt-PCR assays for molecular characterization of porcine teschoviruses and enteroviruses. <i>Zoonoses and Public Health</i> , <b>2006</b> , 53, 257-65		37
94	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. <i>Science of the Total Environment</i> , <b>2022</b> , 805, 149877	10.2	36
93	First Detection of Hepatitis E Virus in Shellfish and in Seawater from Production Areas in Southern Italy. <i>Food and Environmental Virology</i> , <b>2018</b> , 10, 127-131	4	35
92	Rifampicin-resistant meningococci causing invasive disease: detection of point mutations in the rpoB gene and molecular characterization of the strains. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2001</b> , 47, 219-22	5.1	35
91	An outbreak of aseptic meningitis due to echovirus 30 associated with attending school and swimming in pools. <i>International Journal of Infectious Diseases</i> , <b>2006</b> , 10, 291-7	10.5	33
90	A Review and Update on Waterborne Viral Diseases Associated with Swimming Pools. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	33
89	The impact of anthropogenic pressure on the virological quality of water from the Tiber River, Italy. <i>Letters in Applied Microbiology</i> , <b>2017</b> , 65, 298-305	2.9	32
88	Molecular characterization of human enteric viruses in food, water samples, and surface swabs in Sicily. <i>International Journal of Infectious Diseases</i> , <b>2019</b> , 80, 66-72	10.5	32
87	GIV Noroviruses in Wastewaters and in Stool Specimens from Hospitalized Patients. <i>Food and Environmental Virology</i> , <b>2013</b> , 5, 194	4	31
86	Molecular detection and genetic diversity of norovirus genogroup IV: a yearlong monitoring of sewage throughout Italy. <i>Archives of Virology</i> , <b>2010</b> , 155, 589-93	2.6	31
85	Enteric virus detection in Adriatic seawater by cell culture, polymerase chain reaction and polyacrylamide gel electrophoresis. <i>Water Research</i> , <b>1997</b> , 31, 1980-1984	12.5	31
84	A new RT-PCR method for the identification of reoviruses in seawater samples. <i>Water Research</i> , <b>2001</b> , 35, 548-56	12.5	30
83	Detection of Hepatitis A Virus and Other Enteric Viruses in Shellfish Collected in the Gulf of Naples, Italy. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	29
82	Enteric Viruses and Fecal Bacteria Indicators to Assess Groundwater Quality and Suitability for Irrigation. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	29
81	Detection and Quantification of Human Adenoviruses in Surface Waters by Nested PCR, TaqMan Real-Time PCR and Cell Culture Assays. <i>Water, Air, and Soil Pollution</i> , <b>2008</b> , 191, 83-93	2.6	29

80	GIV noroviruses and other enteric viruses in bivalves: a preliminary study. <i>New Microbiologica</i> , <b>2012</b> , 35, 27-34	1.1	29
79	Frequent Detection and Genetic Diversity of Human Bocavirus in Urban Sewage Samples. <i>Food and Environmental Virology</i> , <b>2016</b> , 8, 289-295	4	25
78	Genetic heterogeneity of bovine viral diarrhoea virus in Italy. <i>Veterinary Research Communications</i> , <b>2003</b> , 27, 485-94	2.9	25
77	Human health risk assessment for the occurrence of enteric viruses in drinking water from wells: Role of flood runoff injections. <i>Science of the Total Environment</i> , <b>2019</b> , 666, 559-571	10.2	24
76	Mucosal and cutaneous human papillomaviruses detected in raw sewages. <i>PLoS ONE</i> , <b>2013</b> , 8, e52391	3.7	24
75	Experimental infection of calves with bovine viral diarrhoea virus type-2 (BVDV-2) isolated from a contaminated vaccine. <i>Veterinary Research Communications</i> , <b>2003</b> , 27, 577-89	2.9	24
74	Oncogenic Papillomavirus and Polyomavirus in Water Environments: Is There a Potential for Waterborne Transmission?. <i>Food and Environmental Virology</i> , <b>2014</b> , 6, 1-12	4	23
73	Molecular characterisation of human hepatitis E virus from Italy: comparative analysis of five reverse transcription-PCR assays. <i>Virology Journal</i> , <b>2014</b> , 11, 72	6.1	23
72	Molecular identification and typing of enteroviruses isolated from clinical specimens. <i>Journal of Clinical Microbiology</i> , <b>2002</b> , 40, 4554-60	9.7	22
71	Quantification and genetic diversity of Hepatitis E virus in wild boar ( <i>Sus scrofa</i> ) hunted for domestic consumption in Central Italy. <i>Food Microbiology</i> , <b>2019</b> , 82, 194-201	6	22
70	Genetic Diversity of Human Adenovirus in Children with Acute Gastroenteritis, Albania, 2013-2015. <i>BioMed Research International</i> , <b>2015</b> , 2015, 142912	3	21
69	CrAssphage abundance and correlation with molecular viral markers in Italian wastewater. <i>Water Research</i> , <b>2020</b> , 184, 116161	12.5	21
68	Genetic Diversity Among Genogroup II Noroviruses and Progressive Emergence of GII.17 in Wastewaters in Italy (2011-2016) Revealed by Next-Generation and Sanger Sequencing. <i>Food and Environmental Virology</i> , <b>2018</b> , 10, 141-150	4	20
67	Detection of Norovirus GII.17 Kawasaki 2014 in Shellfish, Marine Water and Underwater Sewage Discharges in Italy. <i>Food and Environmental Virology</i> , <b>2017</b> , 9, 326-333	4	19
66	Serotype distribution, antibiotic susceptibility, and genetic relatedness of <i>Neisseria meningitidis</i> strains recently isolated in Italy. <i>Clinical Infectious Diseases</i> , <b>2003</b> , 36, 422-8	11.6	19
65	Hepatitis E in Italy: 5 years of national epidemiological, virological and environmental surveillance, 2012 to 2016. <i>Eurosurveillance</i> , <b>2018</b> , 23,	19.8	19
64	Sequence analysis of the genes encoding for the major virulence factors of <i>Bacillus anthracis</i> vaccine strain TCarbosapT <i>Journal of Applied Microbiology</i> , <b>2002</b> , 93, 117-21	4.7	18
63	Molecular and biological characterization of poliovirus 3 strains isolated in adriatic seawater samples. <i>Water Research</i> , <b>1999</b> , 33, 3204-3212	12.5	18

62	Human bocavirus in children with acute gastroenteritis in Albania. <i>Journal of Medical Virology</i> , <b>2016</b> , 88, 906-10	19.7	18
61	Microbiological and 16S rRNA analysis of sulphite-reducing clostridia from river sediments in central Italy. <i>BMC Microbiology</i> , <b>2008</b> , 8, 171	4.5	17
60	Enteric viruses in a wastewater treatment plant in Rome. <i>Water, Air, and Soil Pollution</i> , <b>1996</b> , 91, 327-334	2.6	17
59	Molecular characterization of human Sapovirus in untreated sewage in Italy by amplicon-based Sanger and next-generation sequencing. <i>Journal of Applied Microbiology</i> , <b>2019</b> , 126, 324-331	4.7	17
58	First detection of papillomaviruses and polyomaviruses in swimming pool waters: unrecognized recreational water-related pathogens?. <i>Journal of Applied Microbiology</i> , <b>2015</b> , 119, 1683-91	4.7	16
57	Antigenic, immunologic and genetic characterization of rough strains B. abortus RB51, B. melitensis B115 and B. melitensis B18. <i>PLoS ONE</i> , <b>2011</b> , 6, e24073	3.7	16
56	Multiplex real-time RT-PCR for the simultaneous detection and quantification of GI, GII and GIV noroviruses. <i>Journal of Virological Methods</i> , <b>2015</b> , 223, 109-14	2.6	15
55	A large spectrum of alpha and beta papillomaviruses are detected in human stool samples. <i>Journal of General Virology</i> , <b>2015</b> , 96, 607-613	4.9	15
54	Frequent and abundant Merkel cell polyomavirus detection in urban wastewaters in Italy. <i>Food and Environmental Virology</i> , <b>2015</b> , 7, 1-6	4	14
53	Nine-Year Nationwide Environmental Surveillance of Hepatitis E Virus in Urban Wastewaters in Italy (2011-2019). <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	14
52	First Detection of Human Papillomaviruses and Human Polyomaviruses in River Waters in Italy. <i>Food and Environmental Virology</i> , <b>2015</b> , 7, 309-15	4	14
51	Evaluation of rapid tests for diagnosis of acute hepatitis E. <i>Journal of Clinical Virology</i> , <b>2016</b> , 78, 4-8	14.5	13
50	Enteric viruses, somatic coliphages and Vibrio species in marine bathing and non-bathing waters in Italy. <i>Marine Pollution Bulletin</i> , <b>2019</b> , 149, 110570	6.7	13
49	FIRST DETECTION OF SARS-COV-2 IN UNTREATED WASTEWATERS IN ITALY		13
48	Hepatitis E Virus (Genotype 3) in Slurry Samples from Swine Farming Activities in Italy. <i>Food and Environmental Virology</i> , <b>2017</b> , 9, 219-229	4	12
47	Molecular characterization of adenovirus from clinical samples through analysis of the hexon and fiber genes. <i>Journal of General Virology</i> , <b>2011</b> , 92, 412-20	4.9	12
46	Genetic diversity of bacterial strains isolated from soils, contaminated with polycyclic aromatic hydrocarbons, by 16S rRNA gene sequencing and amplified fragment length polymorphism fingerprinting. <i>Microbiological Research</i> , <b>2006</b> , 161, 150-7	5.3	12
45	Susceptibility to highly sulphated glycosaminoglycans of human immunodeficiency virus type 1 replication in peripheral blood lymphocytes and monocyte-derived macrophages cell cultures. <i>Antiviral Research</i> , <b>2003</b> , 58, 139-47	10.8	12

44	Hepatitis E virus genotypes 1 and 3 in wastewater samples in Tunisia. <i>Archives of Virology</i> , <b>2015</b> , 160, 183-9	2.6	11
43	Qualitative and Quantitative Assessment of Hepatitis A Virus in Wastewaters in Tunisia. <i>Food and Environmental Virology</i> , <b>2014</b> , 6, 246-52	4	11
42	Detection of oncogenic viruses in water environments by a Luminex-based multiplex platform for high throughput screening of infectious agents. <i>Water Research</i> , <b>2017</b> , 123, 549-555	12.5	11
41	SARS-CoV-2 has been circulating in northern Italy since December 2019: evidence from environmental monitoring		10
40	Detection of Human Bocavirus Species 2 and 3 in Bivalve Shellfish in Italy. <i>Applied and Environmental Microbiology</i> , <b>2018</b> , 84,	4.8	9
39	Evidence of Saffold virus circulation in Italy provided through environmental surveillance. <i>Letters in Applied Microbiology</i> , <b>2020</b> , 70, 102-108	2.9	9
38	Molecular characterization of human adenoviruses isolated in Italy. <i>New Microbiologica</i> , <b>2006</b> , 29, 177-84	1.1	9
37	Molecular detection of viruses in water and sewage <b>2013</b> , 97-125		8
36	Quantification of Norovirus Genogroups I and II in Environmental and Clinical Samples Using TaqMan Real-Time RT-PCR. <i>Food and Environmental Virology</i> , <b>2009</b> , 1, 15-22	4	8
35	Enteric virus pollution of tyrrhenian areas. <i>Water, Air, and Soil Pollution</i> , <b>1996</b> , 88, 261-267	2.6	8
34	Minimizing Errors in RT-PCR Detection and Quantification of SARS-CoV-2 RNA for Wastewater Surveillance		8
33	Comparison of cDNA probe hybridizations and RT-PCR detection methods for the identification and differentiation of enteroviruses isolated from sea water samples. <i>Water Research</i> , <b>1995</b> , 29, 1309-1316	12.5	7
32	A State-of-the-Art Scoping Review on SARS-CoV-2 in Sewage Focusing on the Potential of Wastewater Surveillance for the Monitoring of the COVID-19 Pandemic. <i>Food and Environmental Virology</i> , <b>2021</b> , 1	4	7
31	Water safety in healthcare facilities. The Vieste Charter. <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , <b>2017</b> , 29, 92-100	0.9	7
30	Use of polymerase chain reaction to identify <i>Brucella abortus</i> strain RB51 among <i>Brucella</i> field isolates from cattle in Italy. <i>Zoonoses and Public Health</i> , <b>2001</b> , 48, 107-13		7
29	Occurrence and Genetic Diversity of Human Cosavirus in Sewage in Italy. <i>Food and Environmental Virology</i> , <b>2018</b> , 10, 386-390	4	7
28	Key SARS-CoV-2 Mutations of Alpha, Gamma, and Eta Variants Detected in Urban Wastewaters in Italy by Long-Read Amplicon Sequencing Based on Nanopore Technology. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 2503	3	7
27	Innovative analytical methods for monitoring microbiological and virological water quality. <i>Microchemical Journal</i> , <b>2019</b> , 150, 104160	4.8	6

26	Molecular analysis of poliovirus 3 isolated from an aerosol generated by a waste water treatment plant. <i>Water Research</i> , <b>1997</b> , 31, 3125-3131	12.5	6
25	Hepatitis A Virus Strains Circulating in the Campania Region (2015-2018) Assessed through Bivalve Biomonitoring and Environmental Surveillance. <i>Viruses</i> , <b>2020</b> , 13,	6.2	6
24	Environmental surveillance of human enteric viruses in wastewaters, groundwater, surface water and sediments of Campania Region. <i>Regional Studies in Marine Science</i> , <b>2020</b> , 38, 101368	1.5	6
23	Comprehensive analysis of $\beta$ and $\gamma$ human papillomaviruses in actinic keratosis and apparently healthy skin of elderly patients. <i>British Journal of Dermatology</i> , <b>2019</b> , 181, 620-622	4	5
22	Microbiological and Chemical Assessment of Wastewater Discharged by Infiltration Trenches in Fractured and Karstified Limestone (SCA.Re.S. Project 2019-2020). <i>Pathogens</i> , <b>2020</b> , 9,	4.5	5
21	Quantitative Microbial Risk Assessment as support for bathing waters profiling. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 157, 111318	6.7	5
20	Molecular Detection of Human Salivirus in Italy Through Monitoring of Urban Sewages. <i>Food and Environmental Virology</i> , <b>2020</b> , 12, 68-74	4	5
19	Comparison of health care resource utilization among preterm and term infants hospitalized with Human Respiratory Syncytial Virus infections: A systematic review and meta-analysis of retrospective cohort studies. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229357	3.7	4
18	Microbial Air Quality in Healthcare Facilities. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	4
17	The rapid spread of SARS-CoV-2 Omicron variant in Italy reflected early through wastewater surveillance.. <i>Science of the Total Environment</i> , <b>2022</b> , 837, 155767	10.2	4
16	Genetic diversity at <i>alkB</i> locus in <i>Brucella abortus</i> . <i>Zoonoses and Public Health</i> , <b>2003</b> , 50, 494-9		3
15	Detection of SARS-CoV-2 RNA in Bivalve Mollusks by Droplet Digital RT-PCR (dd RT-PCR).. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	3
14	SARS-CoV-2 detection in nasopharyngeal swabs: Performance characteristics of a real-time RT-qPCR and a droplet digital RT-PCR assay based on the exonuclease region (ORF1b, nsp 14).. <i>Journal of Virological Methods</i> , <b>2021</b> , 300, 114420	2.6	3
13	An innovative approach for the non-invasive surveillance of communities and early detection of SARS-CoV-2 via solid waste analysis. <i>Science of the Total Environment</i> , <b>2021</b> , 801, 149743	10.2	3
12	Molecular study of genes involved in virulence regulatory pathways in <i>Bacillus anthracis</i> vaccine strain "Carbosap". <i>New Microbiologica</i> , <b>2006</b> , 29, 307-10	1.1	3
11	Microbiological evaluation of open and sealed tattoo inks. <i>Microbiologia Medica</i> , <b>2014</b> , 29,	0.3	2
10	Validation of a pXO2-A PCR assay to explore diversity among Italian isolates of <i>Bacillus anthracis</i> strains closely related to the live, attenuated Carbosap vaccine. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 4758-65	9.7	2
9	Pepper Mild Mottle Virus as Indicator of Pollution: Assessment of Prevalence and Concentration in Different Water Environments in Italy. <i>Food and Environmental Virology</i> , <b>2021</b> , 13, 117-125	4	2

8	Potential Use of Untreated Wastewater for Assessing COVID-19 Trends in Southern Italy. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	2
7	Wastewater-based epidemiology for early warning of SARS-COV-2 circulation: A pilot study conducted in Sicily, Italy.. <i>International Journal of Hygiene and Environmental Health</i> , <b>2022</b> , 242, 113948	6.9	2
6	Evidence for swine and human papillomavirus in pig slurry in Italy. <i>Journal of Applied Microbiology</i> , <b>2019</b> , 127, 1246-1254	4.7	1
5	Molecular Identification and Genetic Analysis of Norovirus Genogroups I and II in Water Environments: Comparative Analysis of Different Reverse Transcription-PCR Assays. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 6329-6329	4.8	1
4	Global prevalence and case fatality rate of Enterovirus D68 infections, a systematic review and meta-analysis.. <i>PLoS Neglected Tropical Diseases</i> , <b>2022</b> , 16, e0010073	4.8	1
3	Rapid Screening for SARS-CoV-2 Variants of Concern in Clinical and Environmental Samples Using Nested RT-PCR Assays Targeting Key Mutations of the Spike Protein		1
2	The wave of the SARS-CoV-2 Omicron variant resulted in a rapid spike and decline as highlighted by municipal wastewater surveillance. <i>Environmental Technology and Innovation</i> , <b>2022</b> , 28, 102667	7	1
1	Use of Polymerase Chain Reaction to Identify <i>Brucella abortus</i> Strain RB51 among <i>Brucella</i> Field Isolates from Cattle in Italy. <i>Zoonoses and Public Health</i> , <b>2008</b> , 48, 107-113		