silvia Fillo

List of Publications by Year
in descending order

57 papers	1,430 citations	430874 18 h-index	345221 36 g-index
59 all docs	59 docs citations	59 times ranked	2610 citing authors

#	Article	IF	Citations
1	Paper-based immunoassay based on 96-well wax-printed paper plate combined with magnetic beads and colorimetric smartphone-assisted measure for reliable detection of SARS-CoV-2 in saliva. Biosensors and Bioelectronics, 2022, 200, 113909.	10.1	31
2	Analysis of Genomic Characteristics of SARS-CoV-2 in Italy, 29 January to 27 March 2020. Viruses, 2022, 14, 472.	3.3	3
3	Viro-immunological evaluation in an immunocompromised patient with long-lasting SARS-CoV-2 infection. Emerging Microbes and Infections, 2022, 11, 786-789.	6.5	3
4	Genome analysis of *Legionella pneumophila* ST23 from various countries reveals highly similar strains. Life Science Alliance, 2022, 5, e202101117.	2.8	6
5	Genetic Diversity of Antimicrobial Resistance and Key Virulence Features in Two Extensively Drug-Resistant Acinetobacter baumannii Isolates. International Journal of Environmental Research and Public Health, 2022, 19, 2870.	2.6	4
6	Phylogenetic and Evolutionary Genomic Analysis of Listeria monocytogenes Clinical Strains in the Framework of Foodborne Listeriosis Risk Assessment. Frontiers in Microbiology, 2022, 13, 816880.	3.5	1
7	Reactive vaccination as control strategy for an outbreak of invasive meningococcal disease caused by Neisseria meningitidis C:P1.5-1,10-8:F3-6:ST-11(cc11), Bergamo province, Italy, December 2019 to January 2020. Eurosurveillance, 2022, 27, .	7.0	2
8	Magnetic beads combined with carbon black-based screen-printed electrodes for COVID-19: A reliable and miniaturized electrochemical immunosensor for SARS-CoV-2 detection in saliva. Biosensors and Bioelectronics, 2021, 171, 112686.	10.1	331
9	Genomic Characterization and Phylogenetic Analysis of SARS-CoV-2 in Libya. Microbiology Research, 2021, 12, 138-149.	1.9	0
10	Paper-based electrochemical peptide sensor for on-site detection of botulinum neurotoxin serotype A and C. Biosensors and Bioelectronics, 2021, 183, 113210.	10.1	39
11	State of the Art on the SARS-CoV-2 Toolkit for Antigen Detection: One Year Later. Biosensors, 2021, 11, 310.	4.7	11
12	Identification and characterization of SARS-CoV-2 clusters in the EU/EEA in the first pandemic wave: additional elements to trace the route of the virus. Infection, Genetics and Evolution, 2021, 96, 105108.	2.3	3
13	Rapid inactivation of SARS-CoV-2 with LED irradiation of visible spectrum wavelengths. Journal of Photochemistry and Photobiology, 2021, 8, 100082.	2.5	9
14	Extensive Genome Exploration of Clostridium botulinum Group III Field Strains. Microorganisms, 2021, 9, 2347.	3.6	9
15	Molecular characterisation and antibiotic susceptibility of meningococcal isolates from healthy men who have sex with men. Sexually Transmitted Infections, 2021, , , sextrans-2021-055173.	1.9	1
16	A Retrospective Whole-Genome Sequencing Analysis of Carbapenem and Colistin-Resistant Klebsiella pneumoniae Nosocomial Strains Isolated during an MDR Surveillance Program. Antibiotics, 2020, 9, 246.	3.7	12
17	Coronavirus disease (COVID-19) in a paucisymptomatic patient: epidemiological and clinical challenge in settings with limited community transmission, Italy, February 2020. Eurosurveillance, 2020, 25, .	7.0	58
18	Whole genome and phylogenetic analysis of two SARS-CoV-2 strains isolated in Italy in January and February 2020: additional clues on multiple introductions and further circulation in Europe. Eurosurveillance, 2020, 25, .	7.0	134

#	ARTICLE	IF	CITATIONS
19	Meningococcal B vaccine antigen FHbp variants among disease-causing Neisseria meningitidis B isolates, Italy, 2014â€"2017. PLoS ONE, 2020, 15, e0241793.	2.5	5
20	Genomic Characterization of Gonococci from Different Anatomic Sites, Italy, 2007â€"2014. Microbial Drug Resistance, 2019, 25, 1316-1324.	2.0	4
21	Co-existence of virulence factors and antibiotic resistance in new Klebsiella pneumoniae clones emerging in south of Italy. BMC Infectious Diseases, 2019, 19, 928.	2.9	53
22	An Agonist of the CXCR4 Receptor Strongly Promotes Regeneration of Degenerated Motor Axon Terminals. Cells, 2019, 8, 1183.	4.1	16
23	A CXCR4 receptor agonist strongly stimulates axonal regeneration after damage. Annals of Clinical and Translational Neurology, 2019, 6, 2395-2402.	3.7	15
24	Biofilm formation, pigment production and motility in Pseudomonas spp. isolated from the dairy industry. Food Control, 2018, 86, 241-248.	5.5	67
25	Draft Genome Sequence of Streptococcus suis Strain SsRC-1, a Human Isolate from a Fatal Case of Toxic Shock Syndrome. Genome Announcements, 2018, 6, .	0.8	2
26	Botulism in Italy, 1986 to 2015. Eurosurveillance, 2017, 22, .	7.0	43
27	Meningococci of Serogroup X Clonal Complex 181 in Refugee Camps, Italy. Emerging Infectious Diseases, 2017, 23, 870-872.	4.3	16
28	Pericarditis Caused by Hyperinvasive Strain ofNeisseria meningitidis, Sardinia, Italy, 2015. Emerging Infectious Diseases, 2016, 22, 1136-1137.	4.3	4
29	Multiple-locus variable number of tandem repeat analysis as a tool for molecular epidemiology of botulism: The Italian experience. Infection, Genetics and Evolution, 2016, 46, 28-32.	2.3	10
30	Genome-based study of a spatio-temporal cluster of invasive meningococcal disease due to Neisseria meningitidis serogroup C, clonal complex 11. Journal of Infection, 2016, 73, 136-144.	3.3	24
31	Thioredoxin and its reductase are present on synaptic vesicles and their inhibition prevents the paralysis induced by botulinum neurotoxin. Toxicon, 2016, 116, 74.	1.6	0
32	Molecular characterization of a collection of Neisseria meningitidis isolates from Croatia, June 2009 to January 2014. Journal of Medical Microbiology, 2016, 65, 1013-1019.	1.8	10
33	A Novel Inhibitor Prevents the Peripheral Neuroparalysis of Botulinum Neurotoxins. Scientific Reports, 2015, 5, 17513.	3.3	29
34	Draft Genome Sequence of Clostridium botulinum B2 450 Strain from Wound Botulism in a Drug User in Italy. Genome Announcements, 2015, 3, .	0.8	6
35	Draft Genome Sequence of a Bordetella pertussis Strain with the Virulence-Associated Allelic Variant ptxP3 , Isolated in Italy. Genome Announcements, 2015, 3, .	0.8	3
36	Whole-Genome Sequence of Clostridium botulinum A2B3 87, a Highly Virulent Strain Involved in a Fatal Case of Foodborne Botulism in Italy. Genome Announcements, 2015, 3, .	0.8	1

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37	Genomic characterization of Italian Clostridium botulinum group I strains. Infection, Genetics and Evolution, 2015, 36, 62-71.	2.3	24
38	Draft Genome Sequence of Neisseria gonorrhoeae Sequence Type 1407, a Multidrug-Resistant Clinical Isolate. Genome Announcements, 2015, 3, .	0.8	4
39	Inhibition of botulinum neurotoxins interchain disulfide bond reduction prevents the peripheral neuroparalysis of botulism. Biochemical Pharmacology, 2015, 98, 522-530.	4.4	33
40	Thioredoxin and Its Reductase Are Present on Synaptic Vesicles, and Their Inhibition Prevents the Paralysis Induced by Botulinum Neurotoxins. Cell Reports, 2014, 8, 1870-1878.	6.4	90
41	Draft Genome Sequence of C:P1.5-1,10-8:F3-6:ST-11 Meningococcal Clinical Isolate Associated with a Cluster on a Cruise Ship. Genome Announcements, 2014, 2, .	0.8	0
42	Analysis of the genetic distribution among members of Clostridium botulinum group I using a novel multilocus sequence typing (MLST) assay. Journal of Microbiological Methods, 2014, 96, 84-91.	1.6	20
43	Molecular Strain Typing of Brucella abortus Isolates from Italy by Two VNTR Allele Sizing Technologies. Molecular Biotechnology, 2013, 55, 101-110.	2.4	7
44	Reliable identification at the species level of Brucella isolates with MALDI-TOF-MS. BMC Microbiology, 2011, 11, 267.	3.3	80
45	High throughput MLVA-16 typing for Brucella based on the microfluidics technology. BMC Microbiology, 2011, 11, 60.	3.3	24
46	Clostridium botulinum Group I Strain Genotyping by 15-Locus Multilocus Variable-Number Tandem-Repeat Analysis. Journal of Clinical Microbiology, 2011, 49, 4252-4263.	3.9	28
47	A FRET based melting curve analysis to detect nucleotide variations in HA receptor-binding site of H5N1 virus. Molecular and Cellular Probes, 2010, 24, 298-302.	2.1	4
48	Rapid single tube genotyping of ACP1 by FRET based amplification and dual color melting curve analysis. Molecular and Cellular Probes, 2006, 20, 27-30.	2.1	6
49	Â1-Adrenergic Receptors Mediate LH-Releasing Hormone Secretion through Phospholipases C and A2 in Immortalized Hypothalamic Neurons. Endocrinology, 2001, 142, 4839-4851.	2.8	4
50	Aspirin inhibits androgen response to chorionic gonadotropin in humans. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E1032-E1037.	3.5	16
51	Galanin stimulates steroidogenesis in rat leydig cells. Life Sciences, 1998, 63, 255-263.	4.3	8
52	Modulation of Estrogen Receptor Levels in Mouse Uterus by Protein Kinase C Isoenzymes. Endocrinology, 1998, 139, 4598-4606.	2.8	4
53	STIMULATORY ACTION OF ENDOTHELIN-1 ON RAT LEYDIG CELLS: INVOLVEMENT OF ENDOTHELIN-A SUBTYPE RECEPTOR AND PHOSPHOLIPASE A2-ARACHIDONATE METABOLISM SYSTEM. Life Sciences, 1997, 61, 557-566.	4.3	18
54	Pituitary adenylate cyclase-activating polypeptide regulates rat Leydig cell function in vitro. Neuropeptides, 1997, 31, 311-317.	2.2	42

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55	Aspirin inhibition of naloxone-induced luteinizing hormone secretion in man.. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 1772-1775.	3.6	9
56	Aspirin inhibition of naloxone-induced luteinizing hormone secretion in man [published erratum appears in J Clin Endocrinol Metab 1996 Aug;81(8):2924]. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 1772-1775.	3.6	8
57	ENDOTHELIN STIMULATES TESTOSTERONE SECRETION BY RAT LEYDIG CELLS. Journal of Endocrinology, 1993, 136, R1-R4.	2.6	33