

Elisa Borghi

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

3,118
citations

159585

30
h-index

175258

52
g-index

91
all docs

91
docs citations

91
times ranked

5159
citing authors

#	ARTICLE	IF	CITATIONS
1	Pediatric obesity is associated with an altered gut microbiota and discordant shifts in Firmicutes populations. <i>Environmental Microbiology</i> , 2017, 19, 95-105.	3.8	326
2	Microbial translocation is associated with sustained failure in CD4+ T-cell reconstitution in HIV-infected patients on long-term highly active antiretroviral therapy. <i>Aids</i> , 2008, 22, 2035-2038.	2.2	256
3	Microbiota in anorexia nervosa: The triangle between bacterial species, metabolites and psychological tests. <i>PLoS ONE</i> , 2017, 12, e0179739.	2.5	187
4	Biofilms formed by <i>Candida albicans</i> bloodstream isolates display phenotypic and transcriptional heterogeneity that are associated with resistance and pathogenicity. <i>BMC Microbiology</i> , 2014, 14, 182.	3.3	124
5	Evaluation of Reduced Susceptibility to Quaternary Ammonium Compounds and Bisbiguanides in Clinical Isolates and Laboratory-Generated Mutants of <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3488-3497.	3.2	102
6	Body Mass Index and Sex Affect Diverse Microbial Niches within the Gut. <i>Frontiers in Microbiology</i> , 2018, 9, 213.	3.5	87
7	A histological procedure to study fungal infection in the wax moth <i>Galleria mellonella</i> . <i>European Journal of Histochemistry</i> , 2014, 58, 2428.	1.5	71
8	Relative Abundance in Bacterial and Fungal Gut Microbes in Obese Children: A Case Control Study. <i>Childhood Obesity</i> , 2017, 13, 78-84.	1.5	65
9	Evidence of SARS-CoV-2 RNA in an Oropharyngeal Swab Specimen, Milan, Italy, Early December 2019. <i>Emerging Infectious Diseases</i> , 2021, 27, 648-650.	4.3	64
10	Rett Syndrome: A Focus on Gut Microbiota. <i>International Journal of Molecular Sciences</i> , 2017, 18, 344.	4.1	63
11	Acetylcholine Protects against <i>Candida albicans</i> Infection by Inhibiting Biofilm Formation and Promoting Hemocyte Function in a <i>Galleria mellonella</i> Infection Model. <i>Eukaryotic Cell</i> , 2015, 14, 834-844.	3.4	62
12	Overcoming an Extremely Drug Resistant (XDR) Pathogen: Avibactam Restores Susceptibility to Ceftazidime for <i>Burkholderia cepacia</i> Complex Isolates from Cystic Fibrosis Patients. <i>ACS Infectious Diseases</i> , 2017, 3, 502-511.	3.8	62
13	Methicillin-Resistant <i>Staphylococcus aureus</i> in Raw Milk: Prevalence, SCCmec Typing, Enterotoxin Characterization, and Antimicrobial Resistance Patterns. <i>Journal of Food Protection</i> , 2015, 78, 1142-1146.	1.7	61
14	Antifungal drug resistance in <i>Candida</i> species. <i>Journal of Global Antimicrobial Resistance</i> , 2014, 2, 254-259.	2.2	56
15	Impaired gut junctional complexes feature late-treated individuals with suboptimal CD4+ T-cell recovery upon virologically suppressive combination antiretroviral therapy. <i>Aids</i> , 2016, 30, 991-1003.	2.2	55
16	Increased prevalence of varicella zoster virus DNA in cerebrospinal fluid from patients with multiple sclerosis. <i>Journal of Medical Virology</i> , 2007, 79, 192-199.	5.0	53
17	Impact of <i>Candida albicans</i> hyphal wall protein 1 (HWP1) genotype on biofilm production and fungal susceptibility to microglial cells. <i>Microbial Pathogenesis</i> , 2014, 69-70, 20-27.	2.9	53
18	Members of the AP-1 Family, c-Jun and c-Fos, Functionally Interact with JC Virus Early Regulatory Protein Large T Antigen. <i>Journal of Virology</i> , 2003, 77, 5241-5252.	3.4	52

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19	Presence, quantitation and characterization of JC virus in the urine of Italian immunocompetent subjects. <i>Journal of Medical Virology</i> , 2007, 79, 408-412.	5.0	49
20	Cell surface hydrophobicity: a predictor of biofilm production in <i>Candida</i> isolates?. <i>Journal of Medical Microbiology</i> , 2011, 60, 689-690.	1.8	47
21	Treatment of male rats with finasteride, an inhibitor of 5alpha-reductase enzyme, induces long-lasting effects on depressive-like behavior, hippocampal neurogenesis, neuroinflammation and gut microbiota composition. <i>Psychoneuroendocrinology</i> , 2019, 99, 206-215.	2.7	47
22	Rare mycoses of the oral cavity: a literature epidemiologic review. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, 647-655.	1.4	46
23	Molecular Analysis of JC Virus Genotypes Circulating Among the Italian Healthy Population. <i>Journal of NeuroVirology</i> , 2003, 9, 559-566.	2.1	45
24	A case of a progressive multifocal leukoencephalopathy patient with four different JC virus transcriptional control region rearrangements in cerebrospinal fluid, blood, serum, and urine. <i>Journal of NeuroVirology</i> , 2005, 11, 51-57.	2.1	42
25	Fungal Biofilms: Update on Resistance. <i>Advances in Experimental Medicine and Biology</i> , 2016, 931, 37-47.	1.6	39
26	Comparative Evaluation of the Vitek 2 Yeast Susceptibility Test and CLSI Broth Microdilution Reference Method for Testing Antifungal Susceptibility of Invasive Fungal Isolates in Italy: the GISIA3 Study. <i>Journal of Clinical Microbiology</i> , 2010, 48, 3153-3157.	3.9	38
27	Invasive Mold Infections: Virulence and Pathogenesis of <i>Mucorales</i> . <i>International Journal of Microbiology</i> , 2012, 2012, 1-5.	2.3	35
28	Inhibition of ceramide de novo synthesis by myriocin produces the double effect of reducing pathological inflammation and exerting antifungal activity against <i>A. fumigatus</i> airways infection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1089-1097.	2.4	33
29	Phenylketonuria Diet Promotes Shifts in Firmicutes Populations. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 101.	3.9	33
30	Antenatal Microbial Colonization of Mammalian Gut. <i>Reproductive Sciences</i> , 2019, 26, 1045-1053.	2.5	33
31	Phenylketonuric diet negatively impacts on butyrate production. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 385-392.	2.6	32
32	Distribution, characterization and significance of polyomavirus genomic sequences in tumors of the brain and its covering. <i>Journal of Medical Virology</i> , 2005, 77, 447-454.	5.0	31
33	Proteobacteria Overgrowth and Butyrate-Producing Taxa Depletion in the Gut Microbiota of Glycogen Storage Disease Type 1 Patients. <i>Metabolites</i> , 2020, 10, 133.	2.9	31
34	Chronic airway colonization by <i>Scenedosporium apiospermum</i> with a fatal outcome in a patient with cystic fibrosis. <i>Medical Mycology</i> , 2010, 48, S108-S113.	0.7	28
35	Antifungal activity of Myriocin on clinically relevant <i>Aspergillus fumigatus</i> strains producing biofilm. <i>BMC Microbiology</i> , 2015, 15, 248.	3.3	28
36	New strategic insights into managing fungal biofilms. <i>Frontiers in Microbiology</i> , 2015, 6, 1077.	3.5	28

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37	Experimental biofilm-related <i>Candida</i> infections. <i>Future Microbiology</i> , 2013, 8, 799-805.	2.0	27
38	Profiling <i>Vaccinium macrocarpon</i> components and metabolites in human urine and the urine ex-vivo effect on <i>Candida albicans</i> adhesion and biofilm-formation. <i>Biochemical Pharmacology</i> , 2020, 173, 113726.	4.4	27
39	Curcumin Supplementation (Meriva®) Modulates Inflammation, Lipid Peroxidation and Gut Microbiota Composition in Chronic Kidney Disease. <i>Nutrients</i> , 2022, 14, 231.	4.1	27
40	Correlation between <i>Candida albicans</i> biofilm formation and invasion of the invertebrate host <i>Galleria mellonella</i> . <i>Future Microbiology</i> , 2014, 9, 163-173.	2.0	26
41	Rett Syndrome and Other Neurodevelopmental Disorders Share Common Changes in Gut Microbial Community: A Descriptive Review. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4160.	4.1	25
42	The gut microbiota of environmentally enriched mice regulates visual cortical plasticity. <i>Cell Reports</i> , 2022, 38, 110212.	6.4	23
43	Synthesis and in vitro antimicrobial activities of new (cyano-NNO-azoxy)pyrazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3431-3434.	2.2	22
44	Characterization of <i>Candida parapsilosis</i> complex strains isolated from invasive fungal infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2011, 30, 1437-1441.	2.9	21
45	Molecular characterisation of JC virus strains detected in human brain tumours. <i>Pathology</i> , 2003, 35, 248-253.	0.6	20
46	Nutrition, Microbiota and Role of Gut-Brain Axis in Subjects with Phenylketonuria (PKU): A Review. <i>Nutrients</i> , 2020, 12, 3319.	4.1	20
47	Antifungal resistance does not necessarily affect <i>Candida glabrata</i> fitness. <i>Journal of Chemotherapy</i> , 2014, 26, 32-36.	1.5	19
48	Molecular Identification and Echinocandin Susceptibility of <i>Candida parapsilosis</i> Complex Bloodstream Isolates in Italy, 2007-2014. <i>PLoS ONE</i> , 2016, 11, e0150218.	2.5	19
49	Antifungal susceptibility of invasive yeast isolates in Italy: the GISIA3 study in critically ill patients. <i>BMC Infectious Diseases</i> , 2011, 11, 130.	2.9	18
50	The combination of lanthanum chloride and the calcimimetic calindol delays the progression of vascular smooth muscle cells calcification. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 770-773.	2.1	18
51	<i>Candida</i> isolates causing candidemia show different degrees of virulence in <i>Galleria mellonella</i> . <i>Medical Mycology</i> , 2020, 58, 83-92.	0.7	18
52	Glycomacropeptide Safety and Its Effect on Gut Microbiota in Patients with Phenylketonuria: A Pilot Study. <i>Nutrients</i> , 2022, 14, 1883.	4.1	18
53	Detection of herpesvirus-6A in a case of subacute cerebellitis and myoclonic dystonia. <i>Journal of Medical Virology</i> , 2005, 75, 427-429.	5.0	17
54	Acute <i>Scedosporium apiospermum</i> Endobronchial Infection in Cystic Fibrosis. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 701-702.	2.0	17

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55	Repurposing Pilocarpine Hydrochloride for Treatment of <i>Candida albicans</i> Infections. <i>MSphere</i> , 2019, 4, .	2.9	17
56	KMT2A: Umbrella Gene for Multiple Diseases. <i>Genes</i> , 2022, 13, 514.	2.4	17
57	Analysis of JC Virus Genotype Distribution and Transcriptional Control Region Rearrangements in Human Immunodeficiency Virus-Positive Progressive Multifocal Leukoencephalopathy Patients with and without Highly Active Antiretroviral Treatment. <i>Journal of NeuroVirology</i> , 2003, 9, 42-46.	2.1	16
58	Dysbiosis, Host Metabolism, and Non-communicable Diseases: Triologue in the Inborn Errors of Metabolism. <i>Frontiers in Physiology</i> , 2021, 12, 716520.	2.8	15
59	A Naturally Occurring Antibody Fragment Neutralizes Infectivity of Diverse Infectious Agents. <i>Scientific Reports</i> , 2016, 6, 35018.	3.3	14
60	Does school reopening affect SARS-CoV-2 seroprevalence among school-age children in Milan?. <i>PLoS ONE</i> , 2021, 16, e0257046.	2.5	14
61	The Role of the Laboratory in the Diagnosis of Invasive Candidiasis. <i>Drugs</i> , 2009, 69, 59-63.	10.9	13
62	Anidulafungin, a New Echinocandin. <i>Drugs</i> , 2009, 69, 91-94.	10.9	13
63	Anti-biofilm activity of antibody directed against surface antigen complement receptor 3-related proteinâ€”comparison of <i>Candida albicans</i> and <i>Candida dubliniensis</i> . <i>Pathogens and Disease</i> , 2018, 76, .	2.0	12
64	Design of polymer-based antimicrobial hydrogels through physico-chemical transition. <i>Materials Science and Engineering C</i> , 2019, 103, 109791.	7.3	12
65	Up-Regulation of Antimicrobial Peptides Gallerimycin and Galiomicin in <i>Galleria mellonella</i> Infected with <i>Candida</i> Yeasts Displaying Different Virulence Traits. <i>Mycopathologia</i> , 2018, 183, 935-940.	3.1	10
66	Testing Saliva to Reveal the Submerged Cases of the COVID-19 Iceberg. <i>Frontiers in Microbiology</i> , 2021, 12, 721635.	3.5	10
67	Waiting for the truth: is reluctance in accepting an early origin hypothesis for SARS-CoV-2 delaying our understanding of viral emergence?. <i>BMJ Global Health</i> , 2022, 7, e008386.	4.7	10
68	<i>Galleria mellonella</i> experimental model: advances and future directions. <i>Pathogens and Disease</i> , 2021, 79, .	2.0	9
69	Is Gut Microbiota a Key Player in Epilepsy Onset? A Longitudinal Study in Drug-Naive Children. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 749509.	3.9	9
70	Lack of Evidence for Reduced Fitness of Clinical <i>Staphylococcus aureus</i> Isolates with Reduced Susceptibility to Triclosan. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 6068-6069.	3.2	8
71	Cystic Fibrosis Defective Response to Infection Involves Autophagy and Lipid Metabolism. <i>Cells</i> , 2020, 9, 1845.	4.1	8
72	Molecular Evidence for SARS-CoV-2 in Samples Collected From Patients With Morbilliform Eruptions Since Late Summer 2019 in Lombardy, Northern Italy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	8

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73	Molecular picture of community- and healthcare-associated methicillin-resistant <i>Staphylococcus aureus</i> circulating in a teaching hospital in Milan. <i>Scandinavian Journal of Infectious Diseases</i> , 2010, 42, 873-878.	1.5	7
74	Tinea corporis due to <i>Trichophyton rubrum</i> in a Woman and Tinea capitis in her 15-Day-Old Baby: Molecular Evidence of Vertical Transmission. <i>Mycopathologia</i> , 2012, 173, 135-138.	3.1	7
75	<i>Rhodococcus equi</i> infection in a patient with spinocellular carcinoma of unknown origin. <i>Journal of Medical Microbiology</i> , 2008, 57, 1431-1433.	1.8	6
76	Docosahexaenoic Acid Levels in Blood and Metabolic Syndrome in Obese Children: Is There a Link?. <i>International Journal of Molecular Sciences</i> , 2015, 16, 19989-20000.	4.1	6
77	Saliva detection of SARS-CoV-2 for mitigating company outbreaks: a surveillance experience, Milan, Italy, March 2021. <i>Epidemiology and Infection</i> , 2021, 149, e171.	2.1	6
78	Therapeutic Effect of an Antibody-Derived Peptide in a <i>Galleria mellonella</i> Model of Systemic Candidiasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10904.	4.1	6
79	Synthesis and characterization of carbomer-based hydrogels for drug delivery applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 743-753.	3.4	5
80	Insights into the Role of the Microbiota and of Short-Chain Fatty Acids in Rubinsteinâ€“Taybi Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3621.	4.1	4
81	<i>Candida albicans</i> Biofilm Inhibition by Two Vaccinium macrocarpon (Cranberry) Urinary Metabolites: 5-(3-â€“4-â€“DihydroxyPhenyl)-â€“Valerolactone and 4-Hydroxybenzoic Acid. <i>Microorganisms</i> , 2021, 9, 1492.	3.6	3
82	Molecular Analysis of JC Virus Genotypes Circulating Among the Italian Healthy Population. <i>Journal of NeuroVirology</i> , 2003, 9, 559-566.	2.1	2
83	Mucosal cell populations may contribute to peripheral immune abnormalities in HIV-infected subjects introducing cART with moderate immune-suppression. <i>PLoS ONE</i> , 2019, 14, e0212075.	2.5	1
84	GUT microbiota change and time of restore in intensive care therapy: a case report. <i>International Journal of Medical Research and Health Sciences</i> , 2016, 5, 110.	0.1	1
85	The contribution of microbiology to neuroscience: More complex than it seems?. <i>Behavioral and Brain Sciences</i> , 2019, 42, .	0.7	1
86	A rare case of subcutaneous fusariosis in an immunocompetent patient. <i>Italian Journal of Dermatology and Venereology</i> , 2017, 152, 178-180.	0.2	0
87	Effect of Docosahexaenoic Acid Supplementation on Microbiota in Obese ChildrEn: A Pilot Study. (The) Tj ETQq1 1 0.784314rgBT /Ove		