

# Riccardo Torelli

## List of Publications by Year in descending order

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87  
papers

4,071  
citations

117625

34  
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123424

61  
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89  
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89  
docs citations

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times ranked

5694  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Azole Resistance in Clinical Isolates of <i>Candida glabrata</i> Collected during a Hospital Survey of Antifungal Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 668-679.	3.2	296
2	Effect of Alginate Lyase on Biofilm-Grown <i>Helicobacter pylori</i> Probed by Atomic Force Microscopy. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-9.	2.7	288
3	Species identification of <i>Aspergillus</i> , <i>Fusarium</i> and <i>Mucorales</i> with direct surface analysis by matrix-assisted laser desorption ionization time-of-flight mass spectrometry. <i>Clinical Microbiology and Infection</i> , 2012, 18, 475-484.	6.0	227
4	Greenwashing and environmental communication: Effects on stakeholders' perceptions. <i>Business Strategy and the Environment</i> , 2020, 29, 407-421.	14.3	153
5	Early diagnosis of candidemia in intensive care unit patients with sepsis: a prospective comparison of (1â³)-D-glucan assay, <i>Candida</i> score, and colonization index. <i>Critical Care</i> , 2011, 15, R249.	5.8	152
6	Loss of Mitochondrial Functions Associated with Azole Resistance in <i>Candida glabrata</i> Results in Enhanced Virulence in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1852-1860.	3.2	135
7	The ATP-binding cassette transporter-encoding gene <i>CgSNQ2</i> is contributing to the <i>CgPDR1</i> -dependent azole resistance of <i>Candida glabrata</i> . <i>Molecular Microbiology</i> , 2008, 68, 186-201.	2.5	126
8	Inhibiting fungal multidrug resistance by disrupting an activator-Mediator interaction. <i>Nature</i> , 2016, 530, 485-489.	27.8	120
9	Bacteria Meet Graphene: Modulation of Graphene Oxide Nanosheet Interaction with Human Pathogens for Effective Antimicrobial Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 619-627.	5.2	115
10	Diagnosis of Invasive Aspergillosis by a Commercial Real-Time PCR Assay for <i>Aspergillus</i> DNA in Bronchoalveolar Lavage Fluid Samples from High-Risk Patients Compared to a Galactomannan Enzyme Immunoassay. <i>Journal of Clinical Microbiology</i> , 2011, 49, 4273-4278.	3.9	114
11	Contribution of <i>CgPDR1</i> -Regulated Genes in Enhanced Virulence of Azole-Resistant <i>Candida glabrata</i> . <i>PLoS ONE</i> , 2011, 6, e17589.	2.5	107
12	The materiality assessment and stakeholder engagement: A content analysis of sustainability reports. <i>Corporate Social Responsibility and Environmental Management</i> , 2020, 27, 470-484.	8.7	106
13	Role of <i>AFR1</i> , an ABC Transporter-Encoding Gene, in the In Vivo Response to Fluconazole and Virulence of <i>Cryptococcus neoformans</i> . <i>Infection and Immunity</i> , 2006, 74, 1352-1359.	2.2	104
14	<i>ace</i> , Which Encodes an Adhesin in <i>Enterococcus faecalis</i> , Is Regulated by <i>Ers</i> and Is Involved in Virulence. <i>Infection and Immunity</i> , 2009, 77, 2832-2839.	2.2	100
15	Circulating Bacterial-Derived DNA Fragments and Markers of Inflammation in Chronic Hemodialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 379-385.	4.5	98
16	<i>Enterococcus faecalis</i> Constitutes an Unusual Bacterial Model in Lysozyme Resistance. <i>Infection and Immunity</i> , 2007, 75, 5390-5398.	2.2	83
17	Biofilm Demolition and Antibiotic Treatment to Eradicate Resistant <i>Helicobacter pylori</i> : A Clinical Trial. <i>Clinical Gastroenterology and Hepatology</i> , 2010, 8, 817-820.e3.	4.4	79
18	Application of MALDI-TOF mass spectrometry in clinical diagnostic microbiology. <i>Journal of Infection in Developing Countries</i> , 2014, 8, 1081-1088.	1.2	75

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19	AsrR Is an Oxidative Stress Sensing Regulator Modulating Enterococcus faecium Opportunistic Traits, Antimicrobial Resistance, and Pathogenicity. PLoS Pathogens, 2012, 8, e1002834.	4.7	70
20	Antifungal Susceptibility Profiles of Bloodstream Yeast Isolates by Sensititre YeastOne over Nine Years at a Large Italian Teaching Hospital. Antimicrobial Agents and Chemotherapy, 2015, 59, 3944-3955.	3.2	68
21	In Vitro Activities of Anidulafungin and Other Antifungal Agents against Biofilms Formed by Clinical Isolates of Different Candida and Aspergillus Species. Antimicrobial Agents and Chemotherapy, 2011, 55, 3031-3035.	3.2	67
22	The Extracytoplasmic Function Sigma Factor SigV Plays a Key Role in the Original Model of Lysozyme Resistance and Virulence of Enterococcus faecalis. PLoS ONE, 2010, 5, e9658.	2.5	65
23	Pan-Echinocandin-Resistant Candida glabrata Bloodstream Infection Complicating COVID-19: A Fatal Case Report. Journal of Fungi (Basel, Switzerland), 2020, 6, 163.	3.5	62
24	Curcumin-loaded graphene oxide flakes as an effective antibacterial system against methicillin-resistant <i>Staphylococcus aureus</i> . Interface Focus, 2018, 8, 20170059.	3.0	61
25	Human Monoclonal Antibody-Based Therapy in the Treatment of Invasive Candidiasis. Clinical and Developmental Immunology, 2013, 2013, 1-9.	3.3	60
26	Development and Validation of an In-House Database for Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry-Based Yeast Identification Using a Fast Protein Extraction Procedure. Journal of Clinical Microbiology, 2014, 52, 1453-1458.	3.9	59
27	Graphene oxide coatings prevent <i>Candida albicans</i> biofilm formation with a controlled release of curcumin-loaded nanocomposites. Nanomedicine, 2018, 13, 2867-2879.	3.3	57
28	Prevalence and Clonal Distribution of Azole-Resistant Candida parapsilosis Isolates Causing Bloodstream Infections in a Large Italian Hospital. Frontiers in Cellular and Infection Microbiology, 2020, 10, 232.	3.9	48
29	In Vitro Interaction between Alginate Lyase and Amphotericin B against Aspergillus fumigatus Biofilm Determined by Different Methods. Antimicrobial Agents and Chemotherapy, 2013, 57, 1275-1282.	3.2	45
30	Genome-wide expression profiling of the response to short-term exposure to fluconazole in Cryptococcus neoformans serotype A. BMC Microbiology, 2011, 11, 97.	3.3	43
31	Milbemycins: More than Efflux Inhibitors for Fungal Pathogens. Antimicrobial Agents and Chemotherapy, 2013, 57, 873-886.	3.2	41
32	Targeted gene disruption in <i>Candida parapsilosis</i> demonstrates a role for <i>CPAR2_404800</i> in adhesion to a biotic surface and in a murine model of ascending urinary tract infection. Virulence, 2016, 7, 85-97.	4.4	40
33	A New Strategy for Glioblastoma Treatment: In Vitro and In Vivo Preclinical Characterization of Si306, a Pyrazolo[3,4-d]Pyrimidine Dual Src/P-Glycoprotein Inhibitor. Cancers, 2019, 11, 848.	3.7	38
34	Upregulation of the Adhesin Gene <i>EPA1</i> Mediated by <i>PDR1</i> in <i>Candida glabrata</i> Leads to Enhanced Host Colonization. MSphere, 2016, 1, .	2.9	37
35	Molecular tools for differentiating probiotic and clinical strains of <i>Saccharomyces cerevisiae</i> . International Journal of Food Microbiology, 2005, 103, 295-304.	4.7	35
36	The Pava-like Fibronectin-Binding Protein of Enterococcus faecalis, EfbA, Is Important for Virulence in a Mouse Model of Ascending Urinary Tract Infection. Journal of Infectious Diseases, 2012, 206, 952-960.	4.0	33

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37	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
38	Different effects of matrix degrading enzymes towards biofilms formed by <i>E. faecalis</i> and <i>E. faecium</i> clinical isolates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 349-355.	5.0	31
39	(1,3)- $\beta$ -D-Glucan-based empirical antifungal interruption in suspected invasive candidiasis: a randomized trial. <i>Critical Care</i> , 2020, 24, 550.	5.8	30
40	UPDATE ON THE LABORATORY DIAGNOSIS OF INVASIVE FUNGAL INFECTIONS. <i>Mediterranean Journal of Hematology and Infectious Diseases</i> , 2011, 3, e2011002.	1.3	29
41	Liposomes loaded with bioactive lipids enhance antibacterial innate immunity irrespective of drug resistance. <i>Scientific Reports</i> , 2017, 7, 45120.	3.3	26
42	Graphene Oxide Coatings as Tools to Prevent Microbial Biofilm Formation on Medical Device. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1282, 21-35.	1.6	26
43	<i>In vitro</i> effect of clarithromycin and alginate lyase against <i>helicobacter pylori</i> biofilm. <i>Biotechnology Progress</i> , 2016, 32, 1584-1591.	2.6	25
44	Susceptibility Testing of Common and Uncommon <i>Aspergillus</i> Species against Posaconazole and Other Mold-Active Antifungal Azoles Using the Sensititre Method. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	24
45	Detection of Biofilm-Grown <i>Aspergillus fumigatus</i> by Means of Atomic Force Spectroscopy: Ultrastructural Effects of Alginate Lyase. <i>Microscopy and Microanalysis</i> , 2012, 18, 1088-1094.	0.4	23
46	Sustainability, responsibility and ethics: different concepts for a single path. <i>Social Responsibility Journal</i> , 2021, 17, 719-739.	2.9	23
47	Monoclonal antibody fragment from combinatorial phage display library neutralizes alpha-latrotoxin activity and abolishes black widow spider venom lethality, in mice. <i>Toxicon</i> , 2008, 51, 547-554.	1.6	21
48	Comparative performance evaluation of Wako $\beta$ -glucan test and Fungitell assay for the diagnosis of invasive fungal diseases. <i>PLoS ONE</i> , 2020, 15, e0236095.	2.5	20
49	Synthesis and characterization of different immunogenic viral nanoconstructs from rotavirus VP6 inner capsid protein. <i>International Journal of Nanomedicine</i> , 2014, 9, 2727.	6.7	19
50	Credibility of environmental issues in non-financial mandatory disclosure: Measurement and determinants. <i>Journal of Cleaner Production</i> , 2021, 288, 125744.	9.3	19
51	ANTIFUNGAL SUSCEPTIBILITY TESTING: CURRENT ROLE FROM THE CLINICAL LABORATORY PERSPECTIVE. <i>Mediterranean Journal of Hematology and Infectious Diseases</i> , 2014, 6, e2014030.	1.3	18
52	Misidentification of <i>Streptococcus uberis</i> as a Human Pathogen: A Case Report and Literature Review. <i>International Journal of Infectious Diseases</i> , 2015, 33, 79-81.	3.3	17
53	Biofilm in voice prosthesis: A prospective cohort study and laboratory tests using sonication and <i>SEM</i> analysis. <i>Clinical Otolaryngology</i> , 2018, 43, 1260-1265.	1.2	16
54	Comparative Evaluation of BD Phoenix and Vitek 2 Systems for Species Identification of Common and Uncommon Pathogenic Yeasts. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3841-3845.	3.9	15

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55	In vitro characterization, ADME analysis, and histological and toxicological evaluation of BM1, a macrocyclic amidinourea active against azole-resistant <i>Candida</i> strains. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105865.	2.5	15
56	<i>Rhodococcus equi</i> ™s Extreme Resistance to Hydrogen Peroxide Is Mainly Conferred by One of Its Four Catalase Genes. <i>PLoS ONE</i> , 2012, 7, e42396.	2.5	14
57	Enterococcal Rgg-Like Regulator <i>ElrR</i> Activates Expression of the <i>elrA</i> Operon. <i>Journal of Bacteriology</i> , 2013, 195, 3073-3083.	2.2	13
58	Systematic clinical management of patients with candidemia improves survival. <i>Journal of Infection</i> , 2018, 77, 145-150.	3.3	13
59	Conjugation of Different Immunogenic Enterococcal Vaccine Target Antigens Leads to Extended Strain Coverage. <i>Journal of Infectious Diseases</i> , 2019, 220, 1589-1598.	4.0	13
60	The Equine Antimicrobial Peptide eCATH1 Is Effective against the Facultative Intracellular Pathogen <i>Rhodococcus equi</i> in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4615-4621.	3.2	12
61	Mannosyl, glucosyl or galactosyl liposomes to improve resveratrol efficacy against Methicillin Resistant <i>Staphylococcus aureus</i> biofilm. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 617, 126321.	4.7	12
62	Multicenter Evaluation of a Transcription-Reverse Transcription Concerted Assay for Rapid Detection of <i>Mycobacterium tuberculosis</i> Complex in Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3461-3465.	3.9	11
63	Eosinophilic fungal rhinosinusitis due to the unusual pathogen <i>Curvularia inaequalis</i> . <i>Mycoses</i> , 2010, 53, 84-88.	4.0	11
64	Spontaneous Vertebral Aspergillosis, the State of Art: A Systematic Literature Review. <i>Neurospine</i> , 2021, 18, 23-33.	2.9	11
65	A Suspected Squamous Cell Carcinoma in a Renal Transplant Recipient Revealing a Rare Cutaneous Phaeohyphomycosis by <i>Alternaria infectoria</i> . <i>Journal of Cutaneous Medicine and Surgery</i> , 2012, 16, 131-134.	1.2	10
66	A fast and quantitative evaluation of the <i>Aspergillus fumigatus</i> biofilm adhesion properties by means of digital pulsed force mode. <i>Applied Surface Science</i> , 2013, 279, 409-415.	6.1	10
67	Human Monoclonal Antibody Fragment Specific for Glycoprotein G in Herpes Simplex Virus Type 2 with Applications for Serotype-Specific Diagnosis. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1250-1253.	3.9	9
68	Expression profiling in a mammalian host reveals the strong induction of genes encoding LysM domain-containing proteins in <i>Enterococcus faecium</i> . <i>Scientific Reports</i> , 2018, 8, 12412.	3.3	9
69	Inactivation of the Response Regulator <i>AgrA</i> Has a Pleiotropic Effect on Biofilm Formation, Pathogenesis and Stress Response in <i>Staphylococcus lugdunensis</i> . <i>Microbiology Spectrum</i> , 2022, 10, e0159821.	3.0	9
70	Landscape of in vivo Fitness-Associated Genes of <i>Enterobacter cloacae</i> Complex. <i>Frontiers in Microbiology</i> , 2020, 11, 1609.	3.5	8
71	Increased production of gliotoxin is related to the formation of biofilm by <i>Aspergillus fumigatus</i> : an immunological approach. <i>Pathogens and Disease</i> , 2014, 70, 379-389.	2.0	7
72	Educational interventions alone and combined with port protector reduce the rate of central venous catheter infection and colonization in respiratory semi-intensive care unit. <i>BMC Infectious Diseases</i> , 2019, 19, 215.	2.9	7

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73	Empyema Caused by <i>Prevotella bivia</i> Complicating an Unusual Case of Spontaneous Chylothorax. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1284-1286.	3.9	6
74	<i>In Vitro</i> Activity of Fenticonazole against <i>Candida</i> and Bacterial Vaginitis Isolates Determined by Mono- or Dual-Species Testing Assays. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	6
75	Identification and molecular characterization of <i>Subramaniula asteroides</i> causing human fungal keratitis: a case report. <i>BMC Infectious Diseases</i> , 2021, 21, 82.	2.9	5
76	Ball milled glyco-graphene oxide conjugates markedly disrupted <i>Pseudomonas aeruginosa</i> biofilms. <i>Nanoscale</i> , 2022, 14, 10190-10199.	5.6	5
77	New Data on the <i>In Vitro</i> Activity of Fenticonazole against Fluconazole-Resistant <i>Candida</i> Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	4
78	Different detection capabilities by mycological media for <i>Candida</i> isolates from mono- or dual-species cultures. <i>PLoS ONE</i> , 2020, 15, e0226467.	2.5	4
79	Signaling the Adoption of the Benefit Corporation Model: A Step towards Transparency. <i>Sustainability</i> , 2021, 13, 6967.	3.2	4
80	Post-Prescription Audit Plus Beta-D-Glucan Assessment Decrease Echinocandin Use in People with Suspected Invasive Candidiasis. <i>Medicina (Lithuania)</i> , 2021, 57, 656.	2.0	4
81	Accounting and music: The role of Giuseppe Verdi in shaping the nineteenth-century culture industry. <i>Accounting History</i> , 2021, 26, 612-639.	1.1	4
82	Forecasting ESKAPE infections through a time-varying auto-adaptive algorithm using laboratory-based surveillance data. <i>BMC Infectious Diseases</i> , 2014, 14, 634.	2.9	3
83	Antibacterial Properties of Curcumin Loaded Graphene Oxide Flakes. <i>Biophysical Journal</i> , 2018, 114, 362a.	0.5	3
84	Comparable Serum and Plasma 1,3-β-D-Glucan Values Obtained Using the Wako β-D-Glucan Test in Patients with Probable or Proven Fungal Diseases. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	3
85	MONITORING OF PARTICLE ENVIRONMENTAL POLLUTION AND FUNGAL ISOLATIONS DURING HOSPITAL BUILDING-WORK ACTIVITIES IN A HEMATOLOGY WARD.. <i>Mediterranean Journal of Hematology and Infectious Diseases</i> , 2019, 11, e2019062.	1.3	3
86	Re-evaluating positive serum samples for SARS-CoV-2-specific IgA and IgG antibodies using an in-house serological assay. <i>Clinical Microbiology and Infection</i> , 2021, 27, 808-810.	6.0	1
87	A New PCR-Based Assay for Testing Bronchoalveolar Lavage Fluid Samples from Patients with Suspected <i>Pneumocystis jirovecii</i> Pneumonia. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 681.	3.5	0