

Raffaele Zarrilli

List of Publications by Year in descending order

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107
papers

6,050
citations

46918

47
h-index

74018

75
g-index

107
all docs

107
docs citations

107
times ranked

6472
citing authors

#	ARTICLE	IF	CITATIONS
1	Global evolution of multidrug-resistant <i>Acinetobacter baumannii</i> clonal lineages. <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 11-19.	1.1	452
2	Structure, Genetics and Worldwide Spread of New Delhi Metallo- β -lactamase (NDM): a threat to public health. <i>BMC Microbiology</i> , 2017, 17, 101.	1.3	387
3	Colistin and Rifampicin Compared With Colistin Alone for the Treatment of Serious Infections Due to Extensively Drug-Resistant <i>Acinetobacter baumannii</i> : A Multicenter, Randomized Clinical Trial. <i>Clinical Infectious Diseases</i> , 2013, 57, 349-358.	2.9	322
4	Up-Regulation of IL-17 Is Associated with Bioactive IL-8 Expression in <i>Helicobacter pylori</i> -Infected Human Gastric Mucosa. <i>Journal of Immunology</i> , 2000, 165, 5332-5337.	0.4	250
5	Aminoglycosides versus bacteria – a description of the action, resistance mechanism, and nosocomial battleground. <i>Journal of Biomedical Science</i> , 2008, 15, 5-14.	2.6	168
6	<i>Helicobacter pylori</i> Up-regulates Cyclooxygenase-2 mRNA Expression and Prostaglandin E2 Synthesis in MKN 28 Gastric Mucosal Cells in Vitro. <i>Journal of Biological Chemistry</i> , 1998, 273, 28560-28563.	1.6	167
7	Virulence-related traits of epidemic <i>Acinetobacter baumannii</i> strains belonging to the international clonal lineages I-III and to the emerging genotypes ST25 and ST78. <i>BMC Infectious Diseases</i> , 2013, 13, 282.	1.3	143
8	Global spread of drug-resistant <i>Acinetobacter baumannii</i> : molecular epidemiology and management of antimicrobial resistance. <i>Future Microbiology</i> , 2011, 6, 407-422.	1.0	138
9	Comparative Analysis of the Two <i>Acinetobacter baumannii</i> Multilocus Sequence Typing (MLST) Schemes. <i>Frontiers in Microbiology</i> , 2019, 10, 930.	1.5	133
10	Molecular epidemiological investigation of multidrug-resistant <i>Acinetobacter baumannii</i> strains in four Mediterranean countries with a multilocus sequence typing scheme. <i>Clinical Microbiology and Infection</i> , 2011, 17, 197-201.	2.8	130
11	Molecular Epidemiology of Sequential Outbreaks of <i>Acinetobacter baumannii</i> in an Intensive Care Unit Shows the Emergence of Carbapenem Resistance. <i>Journal of Clinical Microbiology</i> , 2004, 42, 946-953.	1.8	119
12	Genome organization of epidemic <i>Acinetobacter baumannii</i> strains. <i>BMC Microbiology</i> , 2011, 11, 224.	1.3	115
13	Carbapenem resistance in <i>Acinetobacter baumannii</i> : the molecular epidemic features of an emerging problem in health care facilities. <i>Journal of Infection in Developing Countries</i> , 2009, 3, 335-41.	0.5	114
14	Nonsteroidal anti-inflammatory drugs in colorectal cancer: from prevention to therapy. <i>British Journal of Cancer</i> , 2003, 88, 803-807.	2.9	110
15	IGF-II/IGF-I receptor pathway up-regulates COX-2 mRNA expression and PGE2 synthesis in Caco-2 human colon carcinoma cells. <i>Oncogene</i> , 2000, 19, 5517-5524.	2.6	104
16	Phylogenetic and genomic diversity in isolates from the globally distributed <i>Acinetobacter baumannii</i> ST25 lineage. <i>Scientific Reports</i> , 2015, 5, 15188.	1.6	93
17	Biofilm-associated proteins: news from <i>Acinetobacter</i> . <i>BMC Genomics</i> , 2015, 16, 933.	1.2	92
18	Comparative activities of colistin, rifampicin, imipenem and sulbactam/ampicillin alone or in combination against epidemic multidrug-resistant <i>Acinetobacter baumannii</i> isolates producing OXA-58 carbapenemases. <i>International Journal of Antimicrobial Agents</i> , 2007, 30, 537-540.	1.1	85

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19	Risk factors for extended-spectrum β -lactamase-producing <i>Serratia marcescens</i> and <i>Klebsiella pneumoniae</i> acquisition in a neonatal intensive care unit. <i>Journal of Hospital Infection</i> , 2007, 67, 135-141.	1.4	85
20	Molecular Epidemiology of Multidrug-Resistant <i>Acinetobacter baumannii</i> in a Tertiary Care Hospital in Naples, Italy, Shows the Emergence of a Novel Epidemic Clone. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1223-1230.	1.8	85
21	Single-Locus-Sequence-Based Typing of <i>bla</i> OXA-51-like Genes for Rapid Assignment of <i>Acinetobacter baumannii</i> Clinical Isolates to International Clonal Lineages. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1653-1657.	1.8	84
22	A Plasmid-Borne <i>bla</i> OXA-58 Gene Confers Imipenem Resistance to <i>Acinetobacter baumannii</i> Isolates from a Lebanese Hospital. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 4115-4120.	1.4	83
23	Molecular epidemiology of carbapenem resistant Enterobacteriaceae in Valle d'Aosta region, Italy, shows the emergence of KPC-2 producing <i>Klebsiella pneumoniae</i> clonal complex 101 (ST101 and ST1789). <i>BMC Microbiology</i> , 2015, 15, 260.	1.3	79
24	<i>Helicobacter pylori</i> upregulates expression of epidermal growth factor-related peptides, but inhibits their proliferative effect in MKN 28 gastric mucosal cells. <i>Journal of Clinical Investigation</i> , 1998, 101, 1604-1613.	3.9	78
25	<i>Helicobacter pylori</i> gamma-glutamyl transpeptidase and its pathogenic role. <i>World Journal of Gastroenterology</i> , 2014, 20, 630.	1.4	76
26	Molecular response of gastric epithelial cells to <i>Helicobacter pylori</i> -induced cell damage. <i>Cellular Microbiology</i> , 1999, 1, 93-99.	1.1	75
27	Molecular epidemiology and mechanisms of rifampicin resistance in <i>Acinetobacter baumannii</i> isolates from Italy. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 58-63.	1.1	70
28	Combination therapy in severe <i>Acinetobacter baumannii</i> infections: an update on the evidence to date. <i>Future Microbiology</i> , 2014, 9, 773-789.	1.0	69
29	Predominance of international clone 2 OXA-23-producing <i>Acinetobacter baumannii</i> clinical isolates in Greece, 2015: results of a nationwide study. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 749-753.	1.1	69
30	Diversity, Virulence, and Antimicrobial Resistance in Isolates From the Newly Emerging <i>Klebsiella pneumoniae</i> ST101 Lineage. <i>Frontiers in Microbiology</i> , 2019, 10, 542.	1.5	69
31	Emergence of colistin resistance without loss of fitness and virulence after prolonged colistin administration in a patient with extensively drug-resistant <i>Acinetobacter baumannii</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2015, 82, 222-226.	0.8	67
32	<i>Stenotrophomonas maltophilia</i> strains from cystic fibrosis patients: Genomic variability and molecular characterization of some virulence determinants. <i>International Journal of Medical Microbiology</i> , 2011, 301, 34-43.	1.5	66
33	Mechanisms of Disease: <i>Helicobacter pylori</i> -related gastric carcinogenesis implications for chemoprevention. <i>Nature Reviews Gastroenterology & Hepatology</i> , 2006, 3, 622-632.	1.7	65
34	<i>Helicobacter pylori</i> gamma-glutamyltranspeptidase upregulates COX-2 and EGF-related peptide expression in human gastric cells. <i>Cellular Microbiology</i> , 2004, 6, 255-267.	1.1	61
35	Molecular epidemiology of high-level aminoglycoside-resistant enterococci isolated from patients in a university hospital in southern Italy. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 56, 827-835.	1.3	61
36	Molecular Epidemiology and Virulence Profiles of Colistin-Resistant <i>Klebsiella pneumoniae</i> Blood Isolates From the Hospital Agency Ospedale dei Colli, Naples, Italy. <i>Frontiers in Microbiology</i> , 2018, 9, 1463.	1.5	61

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37	Helicobacter pylori VacA toxin up-regulates vascular endothelial growth factor expression in MKN 28 gastric cells through an epidermal growth factor receptor-, cyclooxygenase-2-dependent mechanism. <i>Clinical Cancer Research</i> , 2003, 9, 2015-21.	3.2	61
38	Molecular epidemiology of a clonal outbreak of multidrug-resistant <i>Acinetobacter baumannii</i> in a university hospital in Italy. <i>Clinical Microbiology and Infection</i> , 2007, 13, 481-489.	2.8	59
39	Sequence and Chromosomal Assignment of a Novel cDNA Identified by Immunoscreening of a Thyroid Expression Library: Similarity to a Family of Mitochondrial Solute Carrier Proteins. <i>Molecular Endocrinology</i> , 1989, 3, 1498-1508.	3.7	58
40	Molecular epidemiology of extended-spectrum β -lactamase-producing <i>Klebsiella pneumoniae</i> in a neonatal intensive care unit. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 979-982.	1.3	58
41	Effect of aspirin on cell proliferation and differentiation of colon adenocarcinoma Caco-2 cells. , 1997, 73, 880-884.		57
42	CRISPR-cas Subtype I-Fb in <i>Acinetobacter baumannii</i> : Evolution and Utilization for Strain Subtyping. <i>PLoS ONE</i> , 2015, 10, e0118205.	1.1	57
43	Molecular epidemiology of carbapenem-resistant <i>Acinetobacter baumannii</i> strains in intensive care units of multiple Mediterranean hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 828-830.	1.3	56
44	Emergence of SCCmec type III with variable antimicrobial resistance profiles and spa types among methicillin-resistant <i>Staphylococcus aureus</i> isolated from healthcare- and community-acquired infections in the west of Iran. <i>International Journal of Infectious Diseases</i> , 2014, 25, 152-158.	1.5	56
45	Evolution of multidrug-resistant <i>Acinetobacter baumannii</i> clonal lineages: a 10 year study in Greece (2000-09). <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2767-2772.	1.3	55
46	Activation of fetal promoters of insulinlike growth factors II gene in hepatitis C virus-related chronic hepatitis, cirrhosis, and hepatocellular carcinoma. <i>Hepatology</i> , 1996, 23, 1304-1312.	3.6	52
47	Voyage of <i>Helicobacter pylori</i> in human stomach: odyssey of a bacterium. <i>Digestive and Liver Disease</i> , 2002, 34, 2-8.	0.4	52
48	Hormonal Regulation of Thyroid Peroxidase In Normal And Transformed Rat Thyroid Cells. <i>Molecular Endocrinology</i> , 1990, 4, 39-45.	3.7	48
49	<i>Pseudomonas aeruginosa</i> in a neonatal intensive care unit: molecular epidemiology and infection control measures. <i>BMC Infectious Diseases</i> , 2009, 9, 70.	1.3	48
50	<i>Helicobacter pylori</i> Induces Apoptosis of Human Monocytes but Not Monocyte-Derived Dendritic Cells: Role of the cag Pathogenicity Island. <i>Infection and Immunity</i> , 2004, 72, 4480-4485.	1.0	42
51	Clonal spread and patient risk factors for acquisition of extensively drug-resistant <i>Acinetobacter baumannii</i> in a neonatal intensive care unit in Italy. <i>Journal of Hospital Infection</i> , 2012, 82, 260-265.	1.4	37
52	Constitutive Insulin-like Growth Factor-II Expression Interferes with the Enterocyte-like Differentiation of CaCo-2 Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 8108-8114.	1.6	35
53	Molecular epidemiology of <i>Streptococcus bovis</i> causing endocarditis and bacteraemia in Italian patients. <i>Clinical Microbiology and Infection</i> , 2005, 11, 814-819.	2.8	35
54	Multiple levels of control of insulin-like growth factor gene expression. <i>Molecular and Cellular Endocrinology</i> , 1994, 101, R1-R14.	1.6	34

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55	Clinical and environmental distribution of <i>Legionella pneumophila</i> in a university hospital in Italy: efficacy of ultraviolet disinfection. <i>Journal of Hospital Infection</i> , 2006, 62, 494-501.	1.4	33
56	Surveillance of healthcare-associated infections in a neonatal intensive care unit in Italy during 2006â€“2010. <i>BMC Infectious Diseases</i> , 2015, 15, 152.	1.3	33
57	Alert surveillance of intensive care unit-acquired <i>Acinetobacter</i> infections in a Sicilian hospital. <i>Clinical Microbiology and Infection</i> , 2006, 12, 241-247.	2.8	32
58	Contact-Dependent Growth Inhibition Proteins in <i>Acinetobacter baylyi</i> ADP1. <i>Current Microbiology</i> , 2018, 75, 1434-1440.	1.0	30
59	Genome Sequences of Three <i>Acinetobacter baumannii</i> Strains Assigned to the Multilocus Sequence Typing Genotypes ST2, ST25, and ST78. <i>Journal of Bacteriology</i> , 2011, 193, 2359-2360.	1.0	28
60	Control and prevention measures for legionellosis in hospitals: A cross-sectional survey in Italy. <i>Environmental Research</i> , 2018, 166, 55-60.	3.7	27
61	Aspirin Protects Caco-2 Cells from Apoptosis after Serum Deprivation through the Activation of a Phosphatidylinositol 3-Kinase/AKT/p21Cip/WAF1Pathway. <i>Molecular Pharmacology</i> , 2003, 64, 407-414.	1.0	26
62	Use of larvae of the wax moth <i>Galleria mellonella</i> as an in vivo model to study the virulence of <i>Helicobacter pylori</i> . <i>BMC Microbiology</i> , 2014, 14, 228.	1.3	25
63	A Novel IncA/C1 Group Conjugative Plasmid, Encoding VIM-1 Metallo-Beta-Lactamase, Mediates the Acquisition of Carbapenem Resistance in ST104 <i>Klebsiella pneumoniae</i> Isolates from Neonates in the Intensive Care Unit of V. Monaldi Hospital in Naples. <i>Frontiers in Microbiology</i> , 2017, 8, 2135.	1.5	25
64	Knowledge about tuberculosis among undergraduate health care students in 15 Italian universities: a cross-sectional study. <i>BMC Public Health</i> , 2014, 14, 970.	1.2	24
65	Contact-dependent growth inhibition systems in <i>Acinetobacter</i> . <i>Scientific Reports</i> , 2019, 9, 154.	1.6	24
66	Risk factors for <i>Candida parapsilosis</i> bloodstream infection in a neonatal intensive care unit: a case-control study. <i>Italian Journal of Pediatrics</i> , 2017, 43, 10.	1.0	23
67	A nosocomial outbreak of <i>Serratia marcescens</i> producing inducible Amp C-type beta-lactamase enzyme and carrying antimicrobial resistance genes within a class 1 integron. <i>Journal of Hospital Infection</i> , 2004, 56, 29-36.	1.4	22
68	Editorial: Antimicrobial Resistance as a Global Public Health Problem: How Can We Address It?. <i>Frontiers in Public Health</i> , 2020, 8, 612844.	1.3	22
69	Trends, risk factors and outcomes of healthcare-associated infections in a neonatal intensive care unit in Italy during 2013â€“2017. <i>Italian Journal of Pediatrics</i> , 2020, 46, 34.	1.0	22
70	Prevalence of <i>cagA</i> and <i>vacA</i> among <i>Helicobacter pylori</i> -infected patients in Iran: a systematic review and meta-analysis. <i>Journal of Infection in Developing Countries</i> , 2015, 9, 686-696.	0.5	22
71	Molecular epidemiology of <i>Stenotrophomonas maltophilia</i> in a university hospital. <i>Journal of Hospital Infection</i> , 2002, 52, 88-92.	1.4	20
72	PCR-based rapid genotyping of <i>Stenotrophomonas maltophilia</i> isolates. <i>BMC Microbiology</i> , 2008, 8, 202.	1.3	20

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73	Up-regulation of heparin binding epidermal growth factor-like growth factor and amphiregulin expression in <i>Helicobacter pylori</i> -infected human gastric mucosa. <i>Digestive and Liver Disease</i> , 2002, 34, 498-505.	0.4	19
74	<i>Acinetobacter baumannii</i> virulence determinants involved in biofilm growth and adherence to host epithelial cells. <i>Virulence</i> , 2016, 7, 367-368.	1.8	19
75	Increased COX-2, But Not COX-1, mRNA Expression in <i>Helicobacter pylori</i> Gastritis. <i>American Journal of Gastroenterology</i> , 1999, 94, 3376-3378.	0.2	18
76	Effect of non-steroidal anti-inflammatory drugs on colon carcinoma Caco-2 cell responsiveness to topoisomerase inhibitor drugs. <i>British Journal of Cancer</i> , 2002, 86, 1501-1509.	2.9	18
77	A Systematic Review and Meta-Analysis Study to Investigate the Prevalence of <i>Helicobacter pylori</i> and the Sensitivity of its Diagnostic Methods in Iran. <i>Iranian Red Crescent Medical Journal</i> , 2014, 16, e12581.	0.5	18
78	Development of a real-time PCR assay for the rapid detection of <i>Acinetobacter baumannii</i> from whole blood samples. <i>New Microbiologica</i> , 2015, 38, 251-7.	0.1	14
79	Prediction of the secondary structure of the carboxy-terminal third of rat thyroglobulin. <i>Biochemical and Biophysical Research Communications</i> , 1985, 133, 766-772.	1.0	13
80	Cell cycle block at G1-S or G2-M phase correlates with differentiation of Caco-2 cells: Effect of constitutive insulin-like growth factor II expression. <i>Gastroenterology</i> , 1999, 116, 1358-1366.	0.6	13
81	<i>Acinetobacter</i> Infections in Neonates. <i>Current Infectious Disease Reports</i> , 2018, 20, 48.	1.3	13
82	Histamine H2-receptor antagonists stimulate proliferation but not migration of human gastric mucosal cells in vitro. <i>Digestive Diseases and Sciences</i> , 1996, 41, 972-978.	1.1	12
83	Regional assignment of the gene coding for a human Graves' disease autoantigen to 10q21.3?q22.1. <i>Human Genetics</i> , 1993, 90, 653-4.	1.8	11
84	PYED-1 Inhibits Biofilm Formation and Disrupts the Preformed Biofilm of <i>Staphylococcus aureus</i> . <i>Antibiotics</i> , 2020, 9, 240.	1.5	11
85	N-Nonyloxypropyl-Deoxynojirimycin Inhibits Growth, Biofilm Formation and Virulence Factors Expression of <i>Staphylococcus aureus</i> . <i>Antibiotics</i> , 2020, 9, 362.	1.5	11
86	Inhibition of AdeB, Acl, and AmvA Efflux Pumps Restores Chlorhexidine and Benzalkonium Susceptibility in <i>Acinetobacter baumannii</i> ATCC 19606. <i>Frontiers in Microbiology</i> , 2021, 12, 790263.	1.5	9
87	Identification of <i>Acinetobacter</i> Genomic Species 13TU by Sequence Analysis of the 16S-23S rRNA Gene Spacer Region. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1281-1282.	1.8	8
88	Antibacterial and Antivirulence Activity of Glucocorticoid PYED-1 against <i>Stenotrophomonas maltophilia</i> . <i>Antibiotics</i> , 2020, 9, 105.	1.5	8
89	Regulation of insulin-like-growth-factor-II gene expression in rat liver cells. <i>FEBS Journal</i> , 1992, 209, 445-452.	0.2	7
90	Effect of treatment with an overheated dry-saturated steam vapour disinfection system on multidrug and extensively drug-resistant nosocomial pathogens and comparison with sodium hypochlorite activity. <i>BMC Research Notes</i> , 2015, 8, 551.	0.6	7

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91	Risk Factors and Outcome of Multidrug-Resistant Infections after Heart Transplant: A Contemporary Single Center Experience. <i>Microorganisms</i> , 2021, 9, 1210.	1.6	6
92	NSAIDs counteract <i>H. pylori</i> VacA toxin-induced cell vacuolation in MKN 28 gastric mucosal cells. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, G511-G520.	1.6	4
93	A novel class of small repetitive DNA sequences in <i>Enterococcus faecalis</i> . <i>FEMS Microbiology Letters</i> , 2007, 271, 193-201.	0.7	4
94	Do isolates from pharyngeal and rectal swabs match blood culture bacterial pathogens in septic VLBW infants? A pilot, cross-sectional study. <i>European Journal of Pediatrics</i> , 2021, 180, 799-806.	1.3	4
95	Resveratrol Reverts Tolerance and Restores Susceptibility to Chlorhexidine and Benzalkonium in Gram-Negative Bacteria, Gram-Positive Bacteria and Yeasts. <i>Antibiotics</i> , 2022, 11, 961.	1.5	4
96	Decreased Gastroduodenal Mucosal Concentration of Transforming Growth Factor- β in <i>Helicobacter pylori</i> -Infected Dyspeptic Patients. <i>American Journal of Gastroenterology</i> , 1998, 93, 2643-2644.	0.2	3
97	Extinction of insulin-like growth factor II gene expression in intratypic hybrids of rat liver cells. <i>Molecular Endocrinology</i> , 1993, 7, 131-141.	3.7	3
98	Hospital hygiene in Italy: the GISIO-SItI survey. <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , 2018, 30, 7-14.	0.5	3
99	Structural organization of a complex family of palindromic repeats in <i>Enterococci</i> . <i>FEMS Microbiology Letters</i> , 2009, 292, 7-12.	0.7	2
100	Definition of criteria and indicators for the prevention of Healthcare-Associated Infections (HAIs) in hospitals for the purposes of Italian institutional accreditation and performance monitoring. <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , 2017, 29, 529-547.	0.5	2
101	Results of a survey of procedures for cleaning and disinfecting ambulances. <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , 2018, 30, 64-69.	0.5	2
102	The stability and transitions of tryptic-digested clathrin. <i>Archives of Biochemistry and Biophysics</i> , 1985, 241, 22-27.	1.4	1
103	Heparin binding epidermal growth factor-like growth factor and amphiregulin upregulation in <i>Helicobacter pylori</i> gastritis in humans. <i>Gastroenterology</i> , 2001, 120, A669.	0.6	0
104	<i>H. pylori</i> β -glutamyltranspeptidase up-regulates mRNA expression of cyclooxygenase-2 and epidermal growth factor-related peptides in MKN 28 gastric epithelial cells. <i>Gastroenterology</i> , 2003, 124, A403.	0.6	0
105	P1008 Epidemiology and mechanism of resistance of an outbreak of multidrug-resistant <i>Acinetobacter baumannii</i> at a Lebanese hospital. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, S269.	1.1	0
106	Editorial: Carbapenemase-Producing Organisms as Leading Cause of Hospital Infections. <i>Frontiers in Medicine</i> , 2021, 8, 775021.	1.2	0
107	The Glucocorticoid PYED-1 Disrupts Mature Biofilms of <i>Candida</i> spp. and Inhibits Hyphal Development in <i>Candida albicans</i> . <i>Antibiotics</i> , 2021, 10, 1396.	1.5	0