

Gianfranco Donelli

List of Publications by Year in descending order

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60
papers

5,052
citations

126907
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144013
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docs citations

62
times ranked

7089
citing authors

#	ARTICLE	IF	CITATIONS
1	Poloxamer 338 Affects Cell Adhesion and Biofilm Formation in <i>Escherichia coli</i> : Potential Applications in the Management of Catheter-Associated Urinary Tract Infections. <i>Pathogens</i> , 2020, 9, 885.	2.8	9
2	Novel Treatment Strategies for Biofilm-Based Infections. <i>Drugs</i> , 2019, 79, 1635-1655.	10.9	39
3	<i>Clostridium difficile</i> Biofilm. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1050, 97-115.	1.6	35
4	Strategies for combating bacterial biofilms: A focus on anti-biofilm agents and their mechanisms of action. <i>Virulence</i> , 2018, 9, 522-554.	4.4	874
5	Usnic Acid: Potential Role in Management of Wound Infections. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1214, 31-41.	1.6	10
6	Antifouling and antimicrobial biomaterials: an overview. <i>Apmis</i> , 2017, 125, 392-417.	2.0	223
7	Biofilm-Forming Ability and Clonality in <i>Acinetobacter baumannii</i> Strains Isolated from Urine Samples and Urinary Catheters in Different European Hospitals. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1057, 73-83.	1.6	5
8	Antiseptics for treating infected wounds: Efficacy on biofilms and effect of pH. <i>Critical Reviews in Microbiology</i> , 2016, 42, 1-17.	6.1	68
9	Subinhibitory concentrations of metronidazole increase biofilm formation in <i>Clostridium difficile</i> strains. <i>Pathogens and Disease</i> , 2016, 74, ftv114.	2.0	51
10	Antioxidant Hydroxytyrosol-Based Polyacrylate with Antimicrobial and Antiadhesive Activity Versus <i>Staphylococcus Epidermidis</i> . <i>Advances in Experimental Medicine and Biology</i> , 2015, 901, 25-36.	1.6	16
11	Low-level laser therapy as an antimicrobial and antibiofilm technology and its relevance to wound healing. <i>Future Microbiology</i> , 2015, 10, 255-272.	2.0	40
12	Healthcare-associated infections, medical devices and biofilms: risk, tolerance and control. <i>Journal of Medical Microbiology</i> , 2015, 64, 323-334.	1.8	547
13	Anaerobes in Biofilm-Based Healthcare-Associated Infections. <i>Advances in Experimental Medicine and Biology</i> , 2015, 830, 97-112.	1.6	12
14	Biofilms and Wounds: An Identification Algorithm and Potential Treatment Options. <i>Advances in Wound Care</i> , 2015, 4, 389-397.	5.1	67
15	Antimicrobial Polymers for Anti-biofilm Medical Devices: State-of-Art and Perspectives. <i>Advances in Experimental Medicine and Biology</i> , 2015, 831, 93-117.	1.6	51
16	The effectiveness of photodynamic therapy on planktonic cells and biofilms and its role in wound healing. <i>Future Microbiology</i> , 2014, 9, 1083-1094.	2.0	20
17	Efficacy Evaluation of Antimicrobial Drug-Releasing Polymer Matrices. <i>Methods in Molecular Biology</i> , 2014, 1147, 215-225.	0.9	13
18	Antifouling polyurethanes to fight device-related staphylococcal infections: synthesis, characterization, and antibiofilm efficacy. <i>Pathogens and Disease</i> , 2014, 70, 401-407.	2.0	34

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19	Probiotics to counteract biofilm-associated infections: promising and conflicting data. International Journal of Oral Science, 2014, 6, 189-194.	8.6	112
20	Biofilm-based infections in long-term care facilities. Future Microbiology, 2014, 9, 175-188.	2.0	52
21	Antibiotic Resistance Related to Biofilm Formation in <i>Klebsiella pneumoniae</i> . Pathogens, 2014, 3, 743-758.	2.8	214
22	Field Emission Scanning Electron Microscopy of Biofilm-Growing Bacteria Involved in Nosocomial Infections. Methods in Molecular Biology, 2014, 1147, 73-84.	0.9	12
23	Biofilm formation in <i>Acinetobacter baumannii</i> . New Microbiologica, 2014, 37, 119-27.	0.1	156
24	Diversity and biofilm-production ability among isolates of <i>Escherichia coli</i> phylogroup D belonging to ST69, ST393 and ST405 clonal groups. BMC Microbiology, 2013, 13, 144.	3.3	35
25	Probiotics and clinical effects: is the number what counts?. Journal of Chemotherapy, 2013, 25, 193-212.	1.5	58
26	Phenotyping and genotyping are both essential to identify and classify a probiotic microorganism. Microbial Ecology in Health and Disease, 2013, 24, .	3.5	32
27	Characterization of Globally Spread <i>Escherichia coli</i> ST131 Isolates (1991 to 2010). Antimicrobial Agents and Chemotherapy, 2012, 56, 3973-3976.	3.2	49
28	Biofilm-growing intestinal anaerobic bacteria. FEMS Immunology and Medical Microbiology, 2012, 65, 318-325.	2.7	116
29	Prevention and control of biofilm-based medical-device-related infections. FEMS Immunology and Medical Microbiology, 2010, 59, 227-238.	2.7	384
30	Microbial biofilms associated with biliary stent clogging. FEMS Immunology and Medical Microbiology, 2010, 59, 410-420.	2.7	51
31	Plastic Biliary Stent Occlusion: Factors Involved and Possible Preventive Approaches. Clinical Medicine and Research, 2007, 5, 53-60.	0.8	125
32	Vascular Catheter-Related Infection and Sepsis. Surgical Infections, 2006, 7, s-25-s-27.	1.4	42
33	A 50 Hz sinusoidal magnetic field does not damage MG-63 three-dimensional tumor spheroids but induces changes in their invasive properties. Bioelectromagnetics, 2006, 27, 132-141.	1.6	9
34	Pathogenic <i>Vibrio</i> Species in the Marine and Estuarine Environment. , 2005, , 217-252.		61
35	Sex Pheromone Response, Clumping, and Slime Production in Enterococcal Strains Isolated from Occluded Biliary Stents. Journal of Clinical Microbiology, 2004, 42, 3419-3427.	3.9	20
36	Effects of a 50 Hz sinusoidal magnetic field on cell adhesion molecule expression in two human osteosarcoma cell lines (MG-63 and Saos-2). Bioelectromagnetics, 2003, 24, 327-338.	1.6	33

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37	Cytotoxic Necrotizing Factor 1 Enhances Reactive Oxygen Species-Dependent Transcription and Secretion of Proinflammatory Cytokines in Human Uroepithelial Cells. <i>Infection and Immunity</i> , 2003, 71, 4178-4181.	2.2	33
38	Enterotoxigenicity and Cytotoxicity of <i>Vibrio parahaemolyticus</i> Thermostable Direct Hemolysin in In Vitro Systems. <i>Infection and Immunity</i> , 2000, 68, 3180-3185.	2.2	120
39	Occurrence, Diversity, and Pathogenicity of Halophilic <i>Vibrio</i> spp. and Non-O1 <i>Vibrio cholerae</i> from Estuarine Waters along the Italian Adriatic Coast. <i>Applied and Environmental Microbiology</i> , 1999, 65, 2748-2753.	3.1	125
40	<i>Vibrio parahaemolyticus</i> Thermostable Direct Hemolysin Modulates Cytoskeletal Organization and Calcium Homeostasis in Intestinal Cultured Cells. <i>Infection and Immunity</i> , 1999, 67, 1139-1148.	2.2	44
41	Rho-dependent cell spreading activated by E.coli cytotoxic necrotizing factor 1 hinders apoptosis in epithelial cells. <i>Cell Death and Differentiation</i> , 1998, 5, 921-929.	11.2	61
42	Toxin-Induced Activation of Rho GTP-Binding Protein Increases Bcl-2 Expression and Influences Mitochondrial Homeostasis. <i>Experimental Cell Research</i> , 1998, 242, 341-350.	2.6	85
43	Inhibition of Rotavirus Replication by Prostaglandin A: Evidence for a Block of Virus Maturation. <i>Journal of Infectious Diseases</i> , 1998, 178, 564-568.	4.0	26
44	<i>Clostridium difficile</i> Toxin B Induces Apoptosis in Intestinal Cultured Cells. <i>Infection and Immunity</i> , 1998, 66, 2660-2665.	2.2	90
45	<i>Escherichia coli</i> Cytotoxic Necrotizing Factor 1 (CNF1), a Toxin That Activates the Rho GTPase. <i>Journal of Biological Chemistry</i> , 1997, 272, 19532-19537.	3.4	96
46	Polylysine induces changes in membrane electrical properties of K562 cells. , 1997, 35, 165-174.		30
47	<i>Clostridium difficile</i> : an Update on Virulence Mechanisms. <i>Anaerobe</i> , 1996, 2, 337-343.	2.1	14
48	Induction of apoptosis in HT-29 cells infected with SA-11 rotavirus. , 1996, 50, 325-334.		32
49	Tumor necrosis factor α is a powerful apoptotic inducer in lymphoid leukemic cells expressing the P-170 glycoprotein. , 1996, 67, 238-247.		20
50	Antioxidant N-acetyl-cysteine increasing cell adhesion capability could facilitate the biocompatibility processes. <i>Biomaterials</i> , 1996, 17, 921-928.	11.4	9
51	Tubuloreticular Structures Induced by Rotavirus Infection in HT-29 Cells. <i>Ultrastructural Pathology</i> , 1996, 20, 571-576.	0.9	4
52	A 50 Hz sinusoidal magnetic field induces changes in the membrane electrical properties of K562 leukaemic cells. <i>Bioelectrochemistry</i> , 1995, 36, 39-45.	1.0	11
53	Both UVA and UVB induce cytoskeleton-dependent surface blebbing in epidermoid cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1994, 26, 265-270.	3.8	37
54	The rotavirus genus. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1994, 17, 305-320.	1.6	16

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55	A 50-Hz magnetic field induces structural and biophysical changes in membranes. Bioelectromagnetics, 1993, 14, 247-255.	1.6	99
56	Induction of phagocytic behaviour in human epithelial cells by Escherichia coli cytotoxic necrotizing factor type1. Molecular Microbiology, 1993, 9, 1247-1254.	2.5	188
57	Down-modulation of CD4 antigen during programmed cell death in U937 cells. FEBS Letters, 1993, 336, 335-339.	2.8	14
58	N-Acetylcysteine inhibits apoptosis and decreases viral particles in HIV-chronically infected U937 cells. FEBS Letters, 1993, 327, 75-78.	2.8	151
59	Mechanism of astrovirus entry into Graham 293 cells. Journal of Medical Virology, 1992, 38, 271-277.	5.0	40
60	In vitro effect of synthetic flavanoids on astrovirus infection. Antiviral Research, 1990, 13, 201-208.	4.1	19