

Barbara Citterio

List of Publications by Year in descending order

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66
papers

1,760
citations

201385

27
h-index

288905

40
g-index

68
all docs

68
docs citations

68
times ranked

2186
citing authors

#	ARTICLE	IF	CITATIONS
1	Retention of virulence in viable but non-culturable halophilic <i>Vibrio</i> spp.. International Journal of Food Microbiology, 2003, 89, 31-39.	2.1	119
2	<i>Campylobacter jejuni</i> loss of culturability in aqueous microcosms and ability to resuscitate in a mouse model. International Journal of Food Microbiology, 2006, 107, 83-91.	2.1	101
3	Signaling pathways involved in the physiological response of mussel hemocytes to bacterial challenge: the role of stress-activated p38 MAP kinases. Developmental and Comparative Immunology, 2002, 26, 325-334.	1.0	86
4	Effects of PCB congeners on the immune function of <i>Mytilus</i> hemocytes: alterations of tyrosine kinase-mediated cell signaling. Aquatic Toxicology, 2003, 63, 293-306.	1.9	85
5	Putative virulence properties of <i>Aeromonas</i> strains isolated from food, environmental and clinical sources in Italy: A comparative study. International Journal of Food Microbiology, 2011, 144, 538-545.	2.1	73
6	Occurrence and expression of virulence-related properties of <i>Vibrio</i> species isolated from widely consumed seafood products. International Journal of Food Microbiology, 2000, 54, 9-18.	2.1	55
7	Functional differential immune responses of <i>Mytilus galloprovincialis</i> to bacterial challenge. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 153, 365-371.	0.7	55
8	Biochemical and morphological modifications during the growth of <i>Tuber borchii</i> mycelium. Mycological Research, 1998, 102, 403-409.	2.5	47
9	IN VITRO MYCORRHIZAL SYNTHESIS OF MICROPROPAGATED <i>TILIA PLATYPHYLLOS</i> SCOP. PLANTLETS WITH <i>TUBER BORCHII</i> VITTAD. MYCELIUM IN PURE CULTURE. Acta Horticulturae, 1998, , 379-388.	0.1	44
10	Composting Management: a New Process Control Through O2 Feedback. Waste Management and Research, 1988, 6, 239-259.	2.2	43
11	Antibiotic and heavy metal resistance in enterococci from coastal marine sediment. Environmental Pollution, 2018, 237, 406-413.	3.7	43
12	Possible involvement of <i>Pseudomonas fluorescens</i> and Bacillaceae in structural modifications of <i>Tuber borchii</i> fruit bodies. Canadian Journal of Microbiology, 2001, 47, 264-268.	0.8	42
13	Specificity of anti- <i>Vibrio</i> immune response through p38 MAPK and PKC activation in the hemocytes of the mussel <i>Mytilus galloprovincialis</i> . Journal of Invertebrate Pathology, 2010, 105, 49-55.	1.5	40
14	Antifungal activity of the honey flavonoid extract against <i>Candida albicans</i> . Food Chemistry, 2012, 131, 493-499.	4.2	40
15	Determination of several potential virulence factors in <i>Vibrio</i> spp. isolated from sea water. Food Microbiology, 2001, 18, 479-488.	2.1	39
16	Natural Alkaloid Berberine Activity against <i>Pseudomonas aeruginosa</i> MexXY-Mediated Aminoglycoside Resistance: <i>In Silico</i> and <i>In Vitro</i> Studies. Journal of Natural Products, 2019, 82, 1935-1944.	1.5	38
17	<i>Aeromonas hydrophila</i> virulence. Virulence, 2015, 6, 417-418.	1.8	37
18	Morphological changes of <i>Aeromonas hydrophila</i> in response to osmotic stress. Micron, 2009, 40, 426-433.	1.1	35

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19	Defence strategies and antibiotic resistance gene abundance in enterococci under stress by exposure to low doses of peracetic acid. <i>Chemosphere</i> , 2017, 185, 480-488.	4.2	34
20	Tyrosine kinase-mediated cell signalling in the activation of <i>Mytilus</i> hemocytes: possible role of STAT-like proteins. <i>Biology of the Cell</i> , 2003, 95, 603-613.	0.7	32
21	Honey flavonoids inhibit <i>Candida albicans</i> morphogenesis by affecting DNA behavior and mitochondrial function. <i>Future Microbiology</i> , 2014, 9, 445-456.	1.0	32
22	Presence of enteroviruses and reoviruses in the waters of the Italian coast of the Adriatic Sea. <i>Epidemiology and Infection</i> , 2000, 125, 455-462.	1.0	31
23	Antibacterial effect of a magnetic field on <i>Serratia marcescens</i> and related virulence to <i>Hordeum vulgare</i> and <i>Rubus fruticosus</i> callus cells. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 132, 359-365.	0.7	31
24	Nanotechnology on wood: The effect of photocatalytic nanocoatings against <i>Aspergillus niger</i> . <i>Journal of Cultural Heritage</i> , 2017, 27, 125-136.	1.5	31
25	Inhibitors of multidrug efflux pumps of <i>Pseudomonas aeruginosa</i> from natural sources: An in silico high-throughput virtual screening and in vitro validation. <i>Medicinal Chemistry Research</i> , 2017, 26, 414-430.	1.1	31
26	Determination of viability of <i>Aeromonas hydrophila</i> in increasing concentrations of sodium chloride at different temperatures by flow cytometry and plate count technique. <i>International Journal of Food Microbiology</i> , 2008, 127, 252-260.	2.1	30
27	Role of Daptomycin in the Induction and Persistence of the Viable but Non-Culturable State of <i>Staphylococcus Aureus</i> Biofilms. <i>Pathogens</i> , 2014, 3, 759-768.	1.2	30
28	Multidrug-resistant and epidemic clones of <i>Escherichia coli</i> from natural beds of Venus clam. <i>Food Microbiology</i> , 2016, 59, 1-6.	2.1	29
29	Morphological and biochemical modifications induced by a static magnetic field on <i>Fusarium culmorum</i> . <i>Biochimie</i> , 2003, 85, 963-970.	1.3	26
30	Use of multiparameter analysis for <i>Vibrio alginolyticus</i> viable but nonculturable state determination. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006, 69A, 260-265.	1.1	25
31	Erythromycin- and copper-resistant <i>Enterococcus hirae</i> from marine sediment and co-transfer of <i>erm(B)</i> and <i>tcrB</i> to human <i>Enterococcus faecalis</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 80, 26-28.	0.8	25
32	Effect of starvation on survival and virulence expression of <i>Aeromonas hydrophila</i> from different sources. <i>Archives of Microbiology</i> , 2015, 197, 431-438.	1.0	25
33	Possible involvement of <i>Pseudomonas fluorescens</i> and Bacillaceae in structural modifications of <i>Tuber borchii</i> fruit bodies. <i>Canadian Journal of Microbiology</i> , 2001, 47, 264-268.	0.8	25
34	Honey Flavonoids, Natural Antifungal Agents Against <i>Candida Albicans</i> . <i>International Journal of Food Properties</i> , 2011, 14, 799-808.	1.3	24
35	Changes in adhesion ability of <i>Aeromonas hydrophila</i> during long exposure to salt stress conditions. <i>Journal of Applied Microbiology</i> , 2012, 113, 974-982.	1.4	22
36	Microbial and sensory quality of vegetables for soup packaged in different atmospheres. <i>Journal of the Science of Food and Agriculture</i> , 1995, 67, 521-529.	1.7	21

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37	“In vivo” studies on the pathophysiological mechanism of <i>Vibrio parahaemolyticus</i> TDH+“induced secretion. <i>Microbial Pathogenesis</i> , 2005, 38, 133-137.	1.3	21
38	Detection of viable but non-culturable <i>Pseudomonas aeruginosa</i> in cystic fibrosis by qPCR: a validation study. <i>BMC Infectious Diseases</i> , 2018, 18, 701.	1.3	20
39	Occurrence and expression of virulence-related properties by environmental halophilic <i>Vibrio</i> spp. in in vitro and in vivo systems. <i>Food Control</i> , 2005, 16, 451-457.	2.8	19
40	Morphological changes and outer membrane protein patterns in <i>Helicobacter pylori</i> during conversion from bacillary to coccoid form. <i>New Microbiologica</i> , 2004, 27, 353-60.	0.1	18
41	Improving the Impact of Commercial Paint on Indoor Air Quality by Using Highly Porous Fillers. <i>Buildings</i> , 2017, 7, 110.	1.4	16
42	Adherence and intracellular survival within human macrophages of <i>Enterococcus faecalis</i> isolates from coastal marine sediment. <i>Microbes and Infection</i> , 2015, 17, 660-664.	1.0	13
43	Characterization of a new transferable MDR plasmid carrying the <i>bp5</i> gene from a clade B commensal <i>Enterococcus faecium</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 843-850.	1.3	12
44	Plasmid Replicon Typing of Antibiotic-Resistant <i>Escherichia coli</i> From Clams and Marine Sediments. <i>Frontiers in Microbiology</i> , 2020, 11, 1101.	1.5	12
45	The Natural Alkaloid Berberine Can Reduce the Number of <i>Pseudomonas aeruginosa</i> Tolerant Cells. <i>Journal of Natural Products</i> , 2021, 84, 993-1001.	1.5	10
46	Erythromycin-resistant lactic acid bacteria in the healthy gut of vegans, ovo-lacto vegetarians and omnivores. <i>PLoS ONE</i> , 2019, 14, e0220549.	1.1	9
47	Histochemical and morphometrical study of mouse intestine epithelium after a long term diet containing genetically modified soybean. <i>European Journal of Histochemistry</i> , 2010, 54, 36.	0.6	8
48	Isolation of a strain of <i>Aspergillus fumigatus</i> able to grow in minimal medium added with an industrial cyanide waste. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 165-173.	1.7	8
49	Role of Biofilm in Protection of the Replicative Form of <i>Legionella pneumophila</i> . <i>Current Microbiology</i> , 2014, 69, 769-774.	1.0	8
50	Role of Tobramycin in the Induction and Maintenance of Viable but Non-Culturable <i>Pseudomonas aeruginosa</i> in an In Vitro Biofilm Model. <i>Antibiotics</i> , 2020, 9, 399.	1.5	8
51	A high concentration of glucose inhibits <i>Tuber borchii</i> mycelium growth: a biochemical investigation. <i>Mycological Research</i> , 2003, 107, 72-76.	2.5	7
52	A Fluorinated Analogue of Marine Bisindole Alkaloid 2,2-Bis(6-bromo-1H-indol-3-yl)ethanamine as Potential Anti-Biofilm Agent and Antibiotic Adjuvant Against <i>Staphylococcus aureus</i> . <i>Pharmaceuticals</i> , 2020, 13, 210.	1.7	7
53	Venus clam (<i>Chamelea gallina</i>): A reservoir of multidrug-resistant enterococci. <i>Food Control</i> , 2017, 82, 184-189.	2.8	5
54	Simple amphiphilic α -hydrazido acids: Rational design, synthesis, and in vitro bioactivity profile of a novel class of potential antimicrobial compounds. <i>European Journal of Medicinal Chemistry</i> , 2020, 189, 112072.	2.6	5

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55	Synthesis and biological evaluation of 6-bromo-6-substituted penicillanic acid derivatives as β -lactamase inhibitors. <i>Il Farmaco</i> , 2002, 57, 663-669.	0.9	4
56	Multiparameter analysis of apoptosis in puromycin-treated <i>Saccharomyces cerevisiae</i> . <i>Archives of Microbiology</i> , 2015, 197, 773-780.	1.0	4
57	Influence of sublethal concentrations of vancomycin and quinupristin/dalfopristin on the persistence of viable but non-culturable <i>Staphylococcus aureus</i> growing in biofilms. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3526-3529.	1.3	4
58	Diffusion and Characterization of <i>Pseudomonas aeruginosa</i> Aminoglycoside Resistance in an Italian Regional Cystic Fibrosis Centre. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1323, 71-80.	0.8	3
59	Protective Effect of Soil Microbial Response Due to Organic Substance Addition in Radical Phytopaties. <i>Zentralblatt für Mikrobiologie</i> , 1990, 145, 593-598.	0.2	2
60	Biochemical responses in a <i>Candida famata</i> strain adapted to high copper concentrations. <i>BioMetals</i> , 2000, 13, 251-259.	1.8	2
61	Gastrointestinal survival and adaptation of antibiotic-resistant enterococci subjected to an in vitro digestion model. <i>Food Control</i> , 2020, 110, 107033.	2.8	2
62	Zooplankton as a Transitional Host for <i>Escherichia coli</i> in Freshwater. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0252221.	1.4	2
63	Studies on the Development and Stability of Resistance of <i>Helicobacter pylori</i> to Metronidazole and Clarithromycin. <i>Journal of Chemotherapy</i> , 2001, 13, 126-132.	0.7	1
64	Adhesion of ectomycorrhizal bacteria to plant cells: an in vitro evidence. <i>European Journal of Histochemistry</i> , 2004, 48, 191.	0.6	1
65	Innovative hydraulic lime-based finishes with unconventional aggregates and TiO_2 for the improvement of indoor air quality. <i>Manufacturing Review</i> , 2020, 7, 13.	0.9	1
66	Contribution of Drugs Interfering with Protein and Cell Wall Synthesis to the Persistence of <i>Pseudomonas aeruginosa</i> Biofilms: An In Vitro Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1628.	1.8	1