Francesca Bugli

List of Publications by Year
in descending order

86	2,113	304602 22	265120 42
papers	citations	h-index	g-index

88	88	88	3797
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anti-Mold Effectiveness of a Green Emulsion Based on Citrus aurantium Hydrolate and Cinnamomum zeylanicum Essential Oil for the Modern Paintings Restoration. Microorganisms, 2022, 10, 205.	1.6	5
2	Il Silenzio: The First Renaissance Oil Painting on Canvas from the Uffizi Museum Restored with a Safe, Green Antimicrobial Emulsion Based on Citrus aurantium var. amara Hydrolate and Cinnamomum zeylanicum Essential Oil. Journal of Fungi (Basel, Switzerland), 2022, 8, 140.	1.5	3
3	Focused library of phenyl-fused macrocyclic amidinoureas as antifungal agents. Molecular Diversity, 2022, , 1.	2.1	5
4	Biocompatible antimicrobial colistin loaded calcium phosphate nanoparticles for the counteraction of biofilm formation in cystic fibrosis related infections. Journal of Inorganic Biochemistry, 2022, 230, 111751.	1.5	5
5	Design and Characterization of Myristoylated and Non-Myristoylated Peptides Effective against Candida spp. Clinical Isolates. International Journal of Molecular Sciences, 2022, 23, 2164.	1.8	10
6	Essential Oils and Hydrolates: Potential Tools for Defense against Bacterial Plant Pathogens. Microorganisms, 2022, 10, 702.	1.6	7
7	Ball milled glyco-graphene oxide conjugates markedly disrupted Pseudomonas aeruginosa biofilms. Nanoscale, 2022, 14, 10190-10199.	2.8	5
8	Impact of the Trophic Effects of the Secretome From a Multistrain Probiotic Preparation on the Intestinal Epithelia. Inflammatory Bowel Diseases, 2021, 27, 902-913.	0.9	5
9	Is aromatherapy effective in obstetrics? A systematic review and metaâ€analysis. Phytotherapy Research, 2021, 35, 2477-2486.	2.8	4
10	Is the Antimicrobial Activity of Hydrolates Lower than That of Essential Oils?. Antibiotics, 2021, 10, 88.	1.5	25
11	Re-evaluating positive serum samples for SARS-CoV-2-specific IgA and IgG antibodies using an in-house serological assay. Clinical Microbiology and Infection, 2021, 27, 808-810.	2.8	1
12	Metal-Free Antibacterial Additives Based on Graphene Materials and Salicylic Acid: From the Bench to Fabric Applications. ACS Applied Materials & Interfaces, 2021, 13, 26288-26298.	4.0	12
13	Mannosyl, glucosyl or galactosyl liposomes to improve resveratrol efficacy against Methicillin Resistant Staphylococcus aureus biofilm. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 617, 126321.	2.3	12
14	Disentangling the Possible Drivers of Indri indri Microbiome: A Threatened Lemur Species of Madagascar. Frontiers in Microbiology, 2021, 12, 668274.	1.5	3
15	I Like the Way You Eat It: Lemur (Indri indri) Gut Mycobiome and Geophagy. Microbial Ecology, 2021, 82, 215-223.	1.4	19
16	Targeting DDX3X Helicase Activity with BA103 Shows Promising Therapeutic Effects in Preclinical Glioblastoma Models. Cancers, 2021, 13, 5569.	1.7	6
17	In vitro characterization, ADME analysis, and histological and toxicological evaluation of BM1, a macrocyclic amidinourea active against azole-resistant Candida strains. International Journal of Antimicrobial Agents, 2020, 55, 105865.	1.1	15
18	Antimicrobial and Antibiofilm Properties of Graphene Oxide on Enterococcus faecalis. Antibiotics, 2020, 9, 692.	1.5	13

#	Article	IF	Citations
19	Phytocomplex Influences Antimicrobial and Health Properties of Concentrated Glycerine Macerates. Antibiotics, 2020, 9, 858.	1.5	4
20	Origanum vulgare Essential Oil vs. a Commercial Mixture of Essential Oils: In Vitro Effectiveness on Salmonella spp. from Poultry and Swine Intensive Livestock. Antibiotics, 2020, 9, 763.	1.5	17
21	Potent In Vitro Activity of Citrus aurantium Essential Oil and Vitis vinifera Hydrolate Against Gut Yeast Isolates from Irritable Bowel Syndrome Patientsâ€"The Right Mix for Potential Therapeutic Use. Nutrients, 2020, 12, 1329.	1.7	12
22	DDX3X inhibitors, an effective way to overcome HIV-1 resistance targeting host proteins. European Journal of Medicinal Chemistry, 2020, 200, 112319.	2.6	27
23	Antibiofilm Activity of Three Different Irrigation Techniques: An in Vitro Study. Antibiotics, 2019, 8, 112.	1.5	17
24	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.	1.7	38
25	Graphene Oxide Coatings as Tools to Prevent Microbial Biofilm Formation on Medical Device. Advances in Experimental Medicine and Biology, 2019, 1282, 21-35.	0.8	26
26	Fish-derived antimicrobial peptides: Activity of a chionodracine mutant against bacterial models and human bacterial pathogens. Developmental and Comparative Immunology, 2019, 96, 9-17.	1.0	15
27	Nanomedicine Approaches for the Pulmonary Treatment of Cystic Fibrosis. Frontiers in Bioengineering and Biotechnology, 2019, 7, 406.	2.0	65
28	A protein chimera selfâ€assembling unit for drug delivery. Biotechnology Progress, 2019, 35, e2769.	1.3	1
29	Monarda citriodora hydrolate vs essential oil comparison in several anti-microbial applications. Industrial Crops and Products, 2019, 128, 206-212.	2.5	23
30	Curcumin-loaded graphene oxide flakes as an effective antibacterial system against methicillin-resistant Staphylococcus aureus. Interface Focus, 2018, 8, 20170059.	1.5	61
31	Antibacterial Properties of Curcumin Loaded Graphene Oxide Flakes. Biophysical Journal, 2018, 114, 362a.	0.2	3
32	Graphene Oxide Laser Printing for Controlled STEM Cells Differentiation and Antibacterial Effects. Biophysical Journal, 2018, 114, 362a-363a.	0.2	0
33	Reduction and shaping of graphene-oxide by laser-printing for controlled bone tissue regeneration and bacterial killing. 2D Materials, 2018, 5, 015027.	2.0	32
34	Design and characterization of chionodracine-derived antimicrobial peptides with enhanced activity against drug-resistant human pathogens. RSC Advances, 2018, 8, 41331-41346.	1.7	13
35	Graphene oxide coatings prevent Candida albicans biofilm formation with a controlled release of curcumin-loaded nanocomposites. Nanomedicine, 2018, 13, 2867-2879.	1.7	57
36	Expression profiling in a mammalian host reveals the strong induction of genes encoding LysM domain-containing proteins in Enterococcus faecium. Scientific Reports, 2018, 8, 12412.	1.6	9

#	Article	IF	Citations
37	Nonlinear optics, optomechanics, and antibacterial coating by graphene oxide. , 2017, , .		0
38	Bacteria Meet Graphene: Modulation of Graphene Oxide Nanosheet Interaction with Human Pathogens for Effective Antimicrobial Therapy. ACS Biomaterials Science and Engineering, 2017, 3, 619-627.	2.6	115
39	Epicardial adipose tissue microbial colonization and inflammasome activation in acute coronary syndrome. International Journal of Cardiology, 2017, 236, 95-99.	0.8	34
40	Clinically approved PEGylated nanoparticles are covered by a protein corona that boosts the uptake by cancer cells. Nanoscale, 2017, 9, 10327-10334.	2.8	74
41	Liposome-based sensor for the detection of bacteria. Sensors and Actuators B: Chemical, 2017, 248, 247-256.	4.0	20
42	Graphene-Oxide Gel as Biomimetic Antimicrobial Cloak. Biophysical Journal, 2017, 112, 589a.	0.2	0
43	Modulation of Graphene Oxide Probiotic and Antibiotic Activity by Critical Coagulation Concentration. Biophysical Journal, 2017, 112, 156a-157a.	0.2	0
44	Liposomes loaded with bioactive lipids enhance antibacterial innate immunity irrespective of drug resistance. Scientific Reports, 2017, 7, 45120.	1.6	26
45	Different effects of matrix degrading enzymes towards biofilms formed by E. faecalis and E. faecium clinical isolates. Colloids and Surfaces B: Biointerfaces, 2017, 158, 349-355.	2.5	31
46	The Enterococcus faecalis virulence factor ElrA interacts with the human Four-and-a-Half LIM Domains Protein 2. Scientific Reports, 2017, 7, 4581.	1.6	9
47	Helicobacter pylori infection contributes to placental impairment in preeclampsia: basic and clinical evidences. Helicobacter, 2017, 22, e12347.	1.6	20
48	Optical supercavitation in graphene-oxide hydrogel for antimicrobial cloaks. , 2017, , .		0
49	Biomimetic antimicrobial cloak by graphene-oxide agar hydrogel. Scientific Reports, 2016, 6, 12.	1.6	143
50	Biological Characterization and in Vivo Assessment of the Activity of a New Synthetic Macrocyclic Antifungal Compound. Journal of Medicinal Chemistry, 2016, 59, 3854-3866.	2.9	18
51	Human DDX3 protein is a valuable target to develop broad spectrum antiviral agents. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5388-5393.	3.3	100
52	Effects of Proton Pump Inhibitors on the Gastric Mucosa-Associated Microbiota in Dyspeptic Patients. Applied and Environmental Microbiology, 2016, 82, 6633-6644.	1.4	85
53	Serum Endotoxin Activity Measured with Endotoxin Activity Assay Is Associated with Serum Interleukin-6 Levels in Patients on Chronic Hemodialysis. Blood Purification, 2016, 42, 294-300.	0.9	8
54	In vitro effect of clarithromycin and alginate lyase against helicobacter pylori biofilm. Biotechnology Progress, 2016, 32, 1584-1591.	1.3	25

#	Article	IF	Citations
55	Towards a â€œGreenâ€•Antimicrobial Therapy: Study of Graphene Nanosheets Interaction with Human Pathogens. Biophysical Journal, 2016, 110, 530a.	0.2	0
56	VP6-SUMO Self-Assembly as Nanocarriers for Gastrointestinal Delivery. Journal of Nanomaterials, 2015, 2015, 1-7.	1.5	7
57	Effect of Alginate Lyase on Biofilm-GrownHelicobacter pyloriProbed by Atomic Force Microscopy. International Journal of Polymer Science, 2015, 2015, 1-9.	1.2	288
58	Overexpression of Enterococcus faecalis elr operon protects from phagocytosis. BMC Microbiology, 2015, 15, 112.	1.3	11
59	The Polyamine N -Acetyltransferase-Like Enzyme PmvE Plays a Role in the Virulence of Enterococcus faecalis. Infection and Immunity, 2015, 83, 364-371.	1.0	7
60	Synthesis and characterization of different immunogenic viral nanoconstructs from rotavirus VP6 inner capsid protein. International Journal of Nanomedicine, 2014, 9, 2727.	3.3	19
61	An Antibody Reactivity-Based Assay for Diagnosis of Invasive Candidiasis Using Protein Array. International Journal of Immunopathology and Pharmacology, 2014, 27, 403-412.	1.0	11
62	Increased production of gliotoxin is related to the formation of biofilm byAspergillus fumigatus: an immunological approach. Pathogens and Disease, 2014, 70, 379-389.	0.8	7
63	A fast and quantitative evaluation of the Aspergillus fumigatus biofilm adhesion properties by means of digital pulsed force mode. Applied Surface Science, 2013, 279, 409-415.	3.1	10
64	In VitroInteraction between Alginate Lyase and Amphotericin B against Aspergillus fumigatus Biofilm Determined by Different Methods. Antimicrobial Agents and Chemotherapy, 2013, 57, 1275-1282.	1.4	45
65	Human Monoclonal Antibody-Based Therapy in the Treatment of Invasive Candidiasis. Clinical and Developmental Immunology, 2013, 2013, 1-9.	3.3	60
66	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.	1.9	33
67	Detection of Biofilm-Grown Aspergillus fumigatus by Means of Atomic Force Spectroscopy: Ultrastructural Effects of Alginate Lyase. Microscopy and Microanalysis, 2012, 18, 1088-1094.	0.2	23
68	Analysis of heat-induced changes in protein expression of Stenotrophomonas maltophilia K279a reveals a role for GroEL in the host-temperature adaptation. International Journal of Medical Microbiology, 2011, 301, 273-281.	1.5	21
69	Effective use of nitrocellulose-blotted antigens for phage display monoclonal antibody selection. New Microbiologica, 2011, 34, 281-6.	0.1	5
70	Human antibodies from phage display libraries: expression of recombinant full length immunoglobulin G specific to the hepatitis C virus E2 glycoprotein. New Microbiologica, 2009, 32, 341-9.	0.1	4
71	Monoclonal antibody fragment from combinatorial phage display library neutralizes alpha-latrotoxin activity and abolishes black widow spider venom lethality, in mice. Toxicon, 2008, 51, 547-554.	0.8	21
72	First Italian case of cyclosporiasis in an immunocompetent woman: local acquired infection. New Microbiologica, 2008, 31, 281-4.	0.1	10

#	Article	IF	Citations
73	Multiple malaria infection in a pregnant woman from Nigeria: detection by multiplex PCR. New Microbiologica, 2008, 31, 565-7.	0.1	9
74	Human Monoclonal Antibody Fragment Specific for Glycoprotein G in Herpes Simplex Virus Type 2 with Applications for Serotype-Specific Diagnosis. Journal of Clinical Microbiology, 2004, 42, 1250-1253.	1.8	9
75	Production and Characterization of a Human Recombinant Monoclonal Fab Fragment Specific for Influenza A Viruses. Vaccine Journal, 2003, 10, 680-685.	3.2	12
76	Molecular profile of a human monoclonal antibody fab fragment specific for Epstein-Barr virus gp350/220 antigen. Human Immunology, 2001, 62, 362-367.	1.2	6
77	A novel expression vector for production of epitope-tagged recombinant Fab fragments in bacteria. Human Antibodies, 2001, 10, 149-154.	0.6	3
78	Nonneutralizing Human Antibody Fragments against Hepatitis C Virus E2 Glycoprotein Modulate Neutralization of Binding Activity of Human Recombinant Fabs. Virology, 2001, 288, 29-35.	1.1	38
79	Mapping B-Cell Epitopes of Hepatitis C Virus E2 Glycoprotein Using Human Monoclonal Antibodies from Phage Display Libraries. Journal of Virology, 2001, 75, 9986-9990.	1.5	45
80	A vector for the expression of recombinant monoclonal Fab fragments in bacteria. Journal of Immunological Methods, 1998, 217, 195-199.	0.6	18
81	Dissection of human humoral immune response against hepatitis C virus E2 glycoprotein by repertoire cloning and generation of recombinant fab fragments. Hepatology, 1998, 28, 810-814.	3.6	51
82	Expression Cloning and Biochemical Characterizations of Recombinant Cyclophilin Proteins fromSchistosoma mansoni. Protein Expression and Purification, 1998, 12, 340-346.	0.6	12
83	Probing the natural antibody repertoire by combinatorial cloning of IgM and IgD isotypes in phage display vectors. Research in Virology, 1998, 149, 321-325.	0.7	2
84	A new subtraction technique for molecular cloning of rare antiviral antibody specificities from phage display libraries. Research in Virology, 1998, 149, 327-330.	0.7	8
85	Sequence conservation of schistosome cyclophilins. Molecular and Biochemical Parasitology, 1996, 81, 239-242.	0.5	13
86	Characterization of a Schistosoma mansoni cDNA encoding a B-like cyclophilin and its expression in Escherichia coli. Molecular and Biochemical Parasitology, 1995, 75, 99-111.	0.5	20