Honghua Hu

List of Publications by Year
in descending order

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87 papers	3,391 citations	126708 33 h-index	149479 56 g-index
89 all docs	89 docs citations	89 times ranked	3666 citing authors

#	Article	IF	Citations
1	Bacterial Biofilm Infection Detected in Breast Implantâ€“Associated Anaplastic Large-Cell Lymphoma. Plastic and Reconstructive Surgery, 2016, 137, 1659-1669.	0.7	286
2	Dietary sialic acid supplementation improves learning and memory in piglets. American Journal of Clinical Nutrition, 2007, 85, 561-569.	2.2	252
3	Chronic Biofilm Infection in Breast Implants Is Associated with an Increased T-Cell Lymphocytic Infiltrate. Plastic and Reconstructive Surgery, 2015, 135, 319-329.	0.7	207
4	In Vitro and In Vivo Investigation of the Influence of Implant Surface on the Formation of Bacterial Biofilm in Mammary Implants. Plastic and Reconstructive Surgery, 2014, 133, 471e-480e.	0.7	161
5	Intensive care unit environmental surfaces are contaminated by multidrug-resistant bacteria in biofilms: combined results of conventional culture, pyrosequencing, scanning electron microscopy, and confocal laser microscopy. Journal of Hospital Infection, 2015, 91, 35-44.	1.4	143
6	Gene expression of Pseudomonas aeruginosa in a mucin-containing synthetic growth medium mimicking cystic fibrosis lung sputum. Journal of Medical Microbiology, 2010, 59, 1089-1100.	0.7	137
7	A Septum-Derived Chemorepulsive Factor for Migrating Olfactory Interneuron Precursors. Neuron, 1996, 16, 933-940.	3.8	134
8	The Functional Influence of Breast Implant Outer Shell Morphology on Bacterial Attachment and Growth. Plastic and Reconstructive Surgery, 2018, 142, 837-849.	0.7	112
9	Staphylococcus aureus dry-surface biofilms are not killed by sodium hypochlorite: implications for infection control. Journal of Hospital Infection, 2016, 93, 263-270.	1.4	84
10	Biofilm contamination of highâ€touched surfaces in intensive care units: epidemiology and potential impacts. Letters in Applied Microbiology, 2019, 68, 269-276.	1.0	82
11	Microscopy visualisation confirms multiâ€species biofilms are ubiquitous in diabetic foot ulcers. International Wound Journal, 2017, 14, 1160-1169.	1.3	77
12	Next Generation DNA Sequencing of Tissues from Infected Diabetic Foot Ulcers. EBioMedicine, 2017, 21, 142-149.	2.7	75
13	Prevention of Biofilm-Induced Capsular Contracture With Antibiotic-Impregnated Mesh in a Porcine Model. Aesthetic Surgery Journal, 2012, 32, 886-891.	0.9	63
14	Host DNA depletion efficiency of microbiome DNA enrichment methods in infected tissue samples. Journal of Microbiological Methods, 2020, 170, 105856.	0.7	62
15	SharedPseudomonas aeruginosagenotypes are common in Australian cystic fibrosis centres. European Respiratory Journal, 2013, 41, 1091-1100.	3.1	59
16	A review of bacterial biofilms and their role in device-associated infection. Healthcare Infection, 2013, 18, 61-66.	0.6	58
17	Evaluation of short exposure times of antimicrobial wound solutions against microbial biofilms: from in vitro to in vivo. Journal of Antimicrobial Chemotherapy, 2018, 73, 494-502.	1.3	58
18	The Role of Bacterial Biofilm in Adverse Soft-Tissue Filler Reactions: A Combined Laboratory and Clinical Study. Plastic and Reconstructive Surgery, 2017, 139, 613-621.	0.7	57

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19	Bacterial Diversity of Diabetic Foot Ulcers: Current Status and Future Prospectives. Journal of Clinical Medicine, 2019, 8, 1935.	1.0	56
20	Effect of cadexomer iodine on the microbial load and diversity of chronic non-healing diabetic foot ulcers complicated by biofilm in vivo. Journal of Antimicrobial Chemotherapy, 2017, 72, 2093-2101.	1.3	54
21	Low Rates of Pseudomonas aeruginosa Misidentification in Isolates from Cystic Fibrosis Patients. Journal of Clinical Microbiology, 2009, 47, 1503-1509.	1.8	52
22	Staphylococcus aureus dry-surface biofilms are more resistant to heat treatment than traditional hydrated biofilms. Journal of Hospital Infection, 2018, 98, 161-167.	1.4	52
23	Characterization of microbial community composition, antimicrobial resistance and biofilm on intensive care surfaces. Journal of Infection and Public Health, 2018, 11, 418-424.	1.9	52
24	The A, B and Câ€™s of Silicone Breast Implants: Anaplastic Large Cell Lymphoma, Biofilm and Capsular Contracture. Materials, 2018, 11, 2393.	1.3	51
25	Transcriptome analyses and biofilm-forming characteristics of a clonal Pseudomonas aeruginosa from the cystic fibrosis lung. Journal of Medical Microbiology, 2008, 57, 1454-1465.	0.7	50
26	Understanding the microbiome of diabetic foot osteomyelitis: insights from molecular and microscopic approaches. Clinical Microbiology and Infection, 2019, 25, 332-339.	2.8	50
27	A new dry-surface biofilm model: An essential tool for efficacy testing of hospital surface decontamination procedures. Journal of Microbiological Methods, 2015, 117, 171-176.	0.7	46
28	Transfer of dry surface biofilm in the healthcare environment: the role of healthcare workers' hands as vehicles. Journal of Hospital Infection, 2018, 100, e85-e90.	1.4	45
29	Behavioral and [F-18] fluorodeoxyglucose micro positron emission tomography imaging study in a rat chronic mild stress model of depression. Neuroscience, 2010, 169, 171-181.	1.1	43
30	Gene expression characteristics of a cystic fibrosis epidemic strain ofPseudomonas aeruginosaduring biofilm and planktonic growth. FEMS Microbiology Letters, 2009, 292, 107-114.	0.7	40
31	A randomised trial of hypertonic saline during hospitalisation for exacerbation of cystic fibrosis. Thorax, 2016, 71, 141-147.	2.7	40
32	Alcohol fixation of bacteria to surgical instruments increases cleaning difficulty and may contribute to sterilization inefficacy. American Journal of Infection Control, 2017, 45, e81-e86.	1.1	39
33	Hypochlorous Acid Versus Povidone-Iodine Containing Irrigants: Which Antiseptic is More Effective for Breast Implant Pocket Irrigation?. Aesthetic Surgery Journal, 2018, 38, 723-727.	0.9	34
34	Fluorescent Amplified Fragment Length Polymorphism Analysis of Salmonella enterica Serovar Typhimurium Reveals Phage-Type- Specific Markers and Potential for Microarray Typing. Journal of Clinical Microbiology, 2002, 40, 3406-3415.	1.8	32
35	Effect of disinfectant formulation and organic soil on the efficacy of oxidizing disinfectants against biofilms. Journal of Hospital Infection, 2019, 103, e33-e41.	1.4	28
36	The social network of cystic fibrosis centre care and shared Pseudomonas aeruginosa strain infection: a cross-sectional analysis. Lancet Respiratory Medicine,the, 2015, 3, 640-650.	5.2	26

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37	Reprocessing safety issues associated with complex-design orthopaedic loaned surgical instruments and implants. Injury, 2018, 49, 2005-2012.	0.7	26
38	A multiomics approach to identify host-microbe alterations associated with infection severity in diabetic foot infections: a pilot study. Npj Biofilms and Microbiomes, 2021, 7, 29.	2.9	26
39	Evaluation of stainless steel surgical instruments subjected to multiple use/processing. Infection, Disease and Health, 2018, 23, 3-9.	0.5	25
40	Determination of bacterial species present in biofilm contaminating the channels of clinical endoscopes. Infection, Disease and Health, 2018, 23, 189-196.	0.5	25
41	The Effect of Negative Pressure Wound Therapy with and without Instillation on Mature Biofilms In Vitro. Materials, 2018, 11, 811.	1.3	25
42	Virulence factor expression patterns in Pseudomonas aeruginosa strains from infants with cystic fibrosis. European Journal of Clinical Microbiology and Infectious Diseases, 2013, 32, 1583-1592.	1.3	23
43	Adaptation of Multilocus Sequencing for Studying Variation Within a Major Clone: Evolutionary Relationships of Salmonella enterica Serovar Typhimurium. Genetics, 2006, 172, 743-750.	1.2	22
44	Complex design of surgical instruments as barrier for cleaning effectiveness, favouring biofilm formation. Journal of Hospital Infection, 2019, 103, e53-e60.	1.4	21
45	Detection of Bacterial Biofilm in Double Capsule Surrounding Mammary Implants. Plastic and Reconstructive Surgery, 2012, 129, 578e-580e.	0.7	20
46	Clinical profile of adult cystic fibrosis patients with frequent epidemic clones of Pseudomonas aeruginosa. Respirology, 2010, 15, 923-929.	1.3	19
47	Modulation of gene expression by Pseudomonas aeruginosa during chronic infection in the adult cystic fibrosis lung. Microbiology (United Kingdom), 2013, 159, 2354-2363.	0.7	19
48	Type 3 secretion system effector genotype and secretion phenotype of longitudinally collected Pseudomonas aeruginosa isolates from young children diagnosed with cystic fibrosis following newborn screening. Clinical Microbiology and Infection, 2013, 19, 266-272.	2.8	19
49	Difficulty in removing biofilm from dry surfaces. Journal of Hospital Infection, 2019, 103, 465-467.	1.4	18
50	Metatranscriptomic Analysis Reveals Active Bacterial Communities in Diabetic Foot Infections. Frontiers in Microbiology, 2020, 11, 1688.	1.5	18
51	The microbiome of diabetic foot ulcers: a comparison of swab and tissue biopsy wound sampling techniques using 16S rRNA gene sequencing. BMC Microbiology, 2020, 20, 163.	1.3	18
52	Patient shoe covers: Transferring bacteria from the floor onto surgical bedsheets. American Journal of Infection Control, 2016, 44, 1417-1419.	1.1	14
53	Tracing upconversion nanoparticle penetration in human skin. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110480.	2.5	14
54	Synthesis and Properties of Dimercury(I) Crystal Network Constructed with Functionalized Pyrazine Sulfonate and Nitrate Linkers. Russian Journal of General Chemistry, 2021, 91, 910-914.	0.3	14

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55	Transmission of Staphylococcus aureus from dry surface biofilm (DSB) via different types of gloves. Infection Control and Hospital Epidemiology, 2019, 40, 60-64.	1.0	13
56	Molecular characterization of pig ST8Sia IVâ€"a critical gene for the formation of neural cell adhesion molecule and its response to sialic acid supplement in piglets. Nutritional Neuroscience, 2006, 9, 147-154.	1.5	11
57	Contribution of usage to endoscope working channel damage and bacterial contamination. Journal of Hospital Infection, 2020, 105, 176-182.	1.4	10
58	Pulsed-Field Gel Electrophoresis of Pseudomonas aeruginosa. Methods in Molecular Biology, 2015, 1301, 157-170.	0.4	10
59	Pseudomonas aeruginosa strains from the chronically infected cystic fibrosis lung display increased invasiveness of A549 epithelial cells over time. Microbial Pathogenesis, 2012, 53, 37-43.	1.3	9
60	Bacterial Antigens Reduced the Inhibition Effect of Capsaicin on Cal 27 Oral Cancer Cell Proliferation. International Journal of Molecular Sciences, 2021, 22, 8686.	1.8	8
61	Gram-Negative Bacterial Lipopolysaccharide Promotes Tumor Cell Proliferation in Breast Implant-Associated Anaplastic Large-Cell Lymphoma. Cancers, 2021, 13, 5298.	1.7	8
62	Proteome of Staphylococcus aureus Biofilm Changes Significantly with Aging. International Journal of Molecular Sciences, 2022, 23, 6415.	1.8	8
63	Effect of hand hygiene and glove use on cleanliness of reusable surgical instruments. Journal of Hospital Infection, 2017, 97, 348-352.	1.4	7
64	Nonlinear refraction and absorption measurements of thin films by the dual-arm Z-scan method. Applied Optics, 2019, 58, D28.	0.9	7
65	Are late hernia mesh complications linked to Staphylococci biofilms?. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2022, 26, 1293-1299.	0.9	6
66	Reprocessing of loaned surgical instruments/implants in Australia and Brazil: A survey of those at the coalface. Infection, Disease and Health, 2021, , .	0.5	4
67	Association and meta-analysis of HLA and non-obstructive azoospermia in the Han Chinese population. Andrologia, 2017, 49, e12600.	1.0	3
68	Evaluation of Host Immune Response in Diabetic Foot Infection Tissues Using an RNA Sequencing-Based Approach. Frontiers in Microbiology, 2021, 12, 613697.	1.5	3
69	ML218 HCl Is More Efficient Than Capsaicin in Inhibiting Bacterial Antigen-Induced Cal 27 Oral Cancer Cell Proliferation. International Journal of Molecular Sciences, 2021, 22, 12559.	1.8	3
70	Efficacy of Surgical/Wound Washes against Bacteria: Effect of Different In Vitro Models. Materials, 2022, 15, 3630.	1.3	3
71	Characterise the microbial community structure and the spread of antimicrobial resistance and biofilm on the intensive care units. Infection, Disease and Health, 2016, 21, 120.	0.5	2
72	Microbiological contamination of clipboards used for patient records in intensive care units. Journal of Hospital Infection, 2020, 104, 298-300.	1.4	2

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73	Combined Bacterial Antigen Lipopolysaccharide and Lipoteichoic Acid Increase Cal 27 Oral Cancer Cell Proliferation. Dental Oral Biology and Craniofacial Research, 2021, , 1-6.	0.2	2
74	Scedosporiosis presenting with subcutaneous nodules in an immunocompromised patient. Indian Journal of Dermatology, Venereology and Leprology, 2017, 83, 71.	0.2	2
75	Lifetime Multiplexing with Lanthanide Complexes for Luminescence In Situ Hybridisation. Analysis & Sensing, 2022, 2, .	1.1	2
76	Is it safe to continue to process stainless steel surgical instruments until functionality is compromised?. Infection, Disease and Health, 2017, 22, S12.	0.5	1
77	Mapping the â€˜hospital microbiomeâ€™ and the spread of antimicrobial resistance and biofilm on the intensive care units from different regions. Infection, Disease and Health, 2017, 22, S12-S13.	0.5	1
78	Biofilm on Toothbrushes of Children with Cystic Fibrosis: A Potential Source of Lung Re-Infection after Antibiotic Treatment?. Materials, 2022, 15, 2139.	1.3	1
79	Providing Sterile Orthopedic Implants: Challenges Associated with Multiple Reprocessing of Orthopedic Surgical Trays. Hygiene, 2022, 2, 63-71.	0.5	1
80	Hinged surgical instruments: efficacy of double manual cleaning versus automated cleaning on biofilm removal. Journal of Hospital Infection, 2022, 124, 67-71.	1.4	1
81	To glove, or not to glove, that is the question. Infection, Disease and Health, 2017, 22, S18-S19.	0.5	0
82	Transmission of dry surface biofilm (DSB) by and through cotton bed sheets. Infection, Disease and Health, 2017, 22, S19.	0.5	0
83	Response to â€œThe Importance of Clinically Relevant Research When Making Comparisonsâ€• Aesthetic Surgery Journal, 2018, 38, NP79-NP80.	0.9	0
84	Efficacy of Double Manual Cleaning Versus Automated Cleaning for Removal of Biofilm of Hinged Surgical Instruments. Infection Control and Hospital Epidemiology, 2020, 41, s518-s519.	1.0	0
85	Lifetime-Multiplexed Luminescence in situ Hybridisation for Bacteria Detection. , 2020, , .		0
86	Lifetime Multiplexing with Lanthanide Complexes for Luminescence In Situ Hybridisation. Analysis & Sensing, 0, , .	1.1	0
87	Management of surgical instruments at loaner companies in upper-middle and high-income countries: The other side of the coin. Infection, Disease and Health, 2022, , .	0.5	0