

# 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	Biofilm on Toothbrushes of Children with Cystic Fibrosis: A Potential Source of Lung Re-Infection after Antibiotic Treatment?. <i>Materials</i> , 2022, 15, 2139.	1.3	1
2	Providing Sterile Orthopedic Implants: Challenges Associated with Multiple Reprocessing of Orthopedic Surgical Trays. <i>Hygiene</i> , 2022, 2, 63-71.	0.5	1
3	Are late hernia mesh complications linked to Staphylococci biofilms?. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2022, 26, 1293-1299.	0.9	6
4	Lifetime Multiplexing with Lanthanide Complexes for Luminescence <i>&lt;i&gt;In Situ&lt;/i&gt;</i> Hybridisation. <i>Analysis &amp; Sensing</i> , 2022, 2, .	1.1	2
5	Hinged surgical instruments: efficacy of double manual cleaning versus automated cleaning on biofilm removal. <i>Journal of Hospital Infection</i> , 2022, 124, 67-71.	1.4	1
6	Efficacy of Surgical/Wound Washes against Bacteria: Effect of Different In Vitro Models. <i>Materials</i> , 2022, 15, 3630.	1.3	3
7	Management of surgical instruments at loaner companies in upper-middle and high-income countries: The other side of the coin. <i>Infection, Disease and Health</i> , 2022, , .	0.5	0
8	Proteome of Staphylococcus aureus Biofilm Changes Significantly with Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6415.	1.8	8
9	Combined Bacterial Antigen Lipopolysaccharide and Lipoteichoic Acid Increase Cal 27 Oral Cancer Cell Proliferation. <i>Dental Oral Biology and Craniofacial Research</i> , 2021, , 1-6.	0.2	2
10	Evaluation of Host Immune Response in Diabetic Foot Infection Tissues Using an RNA Sequencing-Based Approach. <i>Frontiers in Microbiology</i> , 2021, 12, 613697.	1.5	3
11	A multiomics approach to identify host-microbe alterations associated with infection severity in diabetic foot infections: a pilot study. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 29.	2.9	26
12	Synthesis and Properties of Dimercury(II) Crystal Network Constructed with Functionalized Pyrazine Sulfonate and Nitrate Linkers. <i>Russian Journal of General Chemistry</i> , 2021, 91, 910-914.	0.3	14
13	Bacterial Antigens Reduced the Inhibition Effect of Capsaicin on Cal 27 Oral Cancer Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8686.	1.8	8
14	Gram-Negative Bacterial Lipopolysaccharide Promotes Tumor Cell Proliferation in Breast Implant-Associated Anaplastic Large-Cell Lymphoma. <i>Cancers</i> , 2021, 13, 5298.	1.7	8
15	Reprocessing of loaned surgical instruments/implants in Australia and Brazil: A survey of those at the coalface. <i>Infection, Disease and Health</i> , 2021, , .	0.5	4
16	ML218 HCl Is More Efficient Than Capsaicin in Inhibiting Bacterial Antigen-Induced Cal 27 Oral Cancer Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12559.	1.8	3
17	Efficacy of Double Manual Cleaning Versus Automated Cleaning for Removal of Biofilm of Hinged Surgical Instruments. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, s518-s519.	1.0	0
18	Metatranscriptomic Analysis Reveals Active Bacterial Communities in Diabetic Foot Infections. <i>Frontiers in Microbiology</i> , 2020, 11, 1688.	1.5	18

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19	Contribution of usage to endoscope working channel damage and bacterial contamination. Journal of Hospital Infection, 2020, 105, 176-182.	1.4	10
20	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
21	Microbiological contamination of clipboards used for patient records in intensive care units. Journal of Hospital Infection, 2020, 104, 298-300.	1.4	2
22	Host DNA depletion efficiency of microbiome DNA enrichment methods in infected tissue samples. Journal of Microbiological Methods, 2020, 170, 105856.	0.7	62
23	Lifetime-Multiplexed Luminescence in situ Hybridisation for Bacteria Detection. , 2020, , .		0
24	Understanding the microbiome of diabetic foot osteomyelitis: insights from molecular and microscopic approaches. Clinical Microbiology and Infection, 2019, 25, 332-339.	2.8	50
25	Difficulty in removing biofilm from dry surfaces. Journal of Hospital Infection, 2019, 103, 465-467.	1.4	18
26	Tracing upconversion nanoparticle penetration in human skin. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110480.	2.5	14
27	Biofilm contamination of high-touch surfaces in intensive care units: epidemiology and potential impacts. Letters in Applied Microbiology, 2019, 68, 269-276.	1.0	82
28	Bacterial Diversity of Diabetic Foot Ulcers: Current Status and Future Prospectives. Journal of Clinical Medicine, 2019, 8, 1935.	1.0	56
29	Complex design of surgical instruments as barrier for cleaning effectiveness, favouring biofilm formation. Journal of Hospital Infection, 2019, 103, e53-e60.	1.4	21
30	Transmission of <i>Staphylococcus aureus</i> from dry surface biofilm (DSB) via different types of gloves. Infection Control and Hospital Epidemiology, 2019, 40, 60-64.	1.0	13
31	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
32	Nonlinear refraction and absorption measurements of thin films by the dual-arm Z-scan method. Applied Optics, 2019, 58, D28.	0.9	7
33	Response to "The Importance of Clinically Relevant Research When Making Comparisons". Aesthetic Surgery Journal, 2018, 38, NP79-NP80.	0.9	0
34	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
35	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
36	Evaluation of stainless steel surgical instruments subjected to multiple use/processing. Infection, Disease and Health, 2018, 23, 3-9.	0.5	25

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37	Staphylococcus aureus dry-surface biofilms are more resistant to heat treatment than traditional hydrated biofilms. <i>Journal of Hospital Infection</i> , 2018, 98, 161-167.	1.4	52
38	Characterization of microbial community composition, antimicrobial resistance and biofilm on intensive care surfaces. <i>Journal of Infection and Public Health</i> , 2018, 11, 418-424.	1.9	52
39	The A, B and C of Silicone Breast Implants: Anaplastic Large Cell Lymphoma, Biofilm and Capsular Contracture. <i>Materials</i> , 2018, 11, 2393.	1.3	51
40	Reprocessing safety issues associated with complex-design orthopaedic loaned surgical instruments and implants. <i>Injury</i> , 2018, 49, 2005-2012.	0.7	26
41	The Functional Influence of Breast Implant Outer Shell Morphology on Bacterial Attachment and Growth. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 837-849.	0.7	112
42	Determination of bacterial species present in biofilm contaminating the channels of clinical endoscopes. <i>Infection, Disease and Health</i> , 2018, 23, 189-196.	0.5	25
43	Transfer of dry surface biofilm in the healthcare environment: the role of healthcare workers' hands as vehicles. <i>Journal of Hospital Infection</i> , 2018, 100, e85-e90.	1.4	45
44	The Effect of Negative Pressure Wound Therapy with and without Instillation on Mature Biofilms In Vitro. <i>Materials</i> , 2018, 11, 811.	1.3	25
45	Effect of cadexomer iodine on the microbial load and diversity of chronic non-healing diabetic foot ulcers complicated by biofilm in vivo. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2093-2101.	1.3	54
46	Alcohol fixation of bacteria to surgical instruments increases cleaning difficulty and may contribute to sterilization inefficacy. <i>American Journal of Infection Control</i> , 2017, 45, e81-e86.	1.1	39
47	The Role of Bacterial Biofilm in Adverse Soft-Tissue Filler Reactions: A Combined Laboratory and Clinical Study. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 613-621.	0.7	57
48	Microscopy visualisation confirms multi-species biofilms are ubiquitous in diabetic foot ulcers. <i>International Wound Journal</i> , 2017, 14, 1160-1169.	1.3	77
49	Effect of hand hygiene and glove use on cleanliness of reusable surgical instruments. <i>Journal of Hospital Infection</i> , 2017, 97, 348-352.	1.4	7
50	Next Generation DNA Sequencing of Tissues from Infected Diabetic Foot Ulcers. <i>EBioMedicine</i> , 2017, 21, 142-149.	2.7	75
51	Association and meta-analysis of HLA and non-obstructive azoospermia in the Han Chinese population. <i>Andrologia</i> , 2017, 49, e12600.	1.0	3
52	Is it safe to continue to process stainless steel surgical instruments until functionality is compromised?. <i>Infection, Disease and Health</i> , 2017, 22, S12.	0.5	1
53	Mapping the hospital microbiome and the spread of antimicrobial resistance and biofilm on the intensive care units from different regions. <i>Infection, Disease and Health</i> , 2017, 22, S12-S13.	0.5	1
54	To glove, or not to glove, that is the question. <i>Infection, Disease and Health</i> , 2017, 22, S18-S19.	0.5	0

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55	Transmission of dry surface biofilm (DSB) by and through cotton bed sheets. <i>Infection, Disease and Health</i> , 2017, 22, S19.	0.5	0
56	Scedosporiosis presenting with subcutaneous nodules in an immunocompromised patient. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2017, 83, 71.	0.2	2
57	Characterise the microbial community structure and the spread of antimicrobial resistance and biofilm on the intensive care units. <i>Infection, Disease and Health</i> , 2016, 21, 120.	0.5	2
58	<i>Staphylococcus aureus</i> dry-surface biofilms are not killed by sodium hypochlorite: implications for infection control. <i>Journal of Hospital Infection</i> , 2016, 93, 263-270.	1.4	84
59	Patient shoe covers: Transferring bacteria from the floor onto surgical bedsheets. <i>American Journal of Infection Control</i> , 2016, 44, 1417-1419.	1.1	14
60	Bacterial Biofilm Infection Detected in Breast Implantâ€Associated Anaplastic Large-Cell Lymphoma. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 1659-1669.	0.7	286
61	A randomised trial of hypertonic saline during hospitalisation for exacerbation of cystic fibrosis. <i>Thorax</i> , 2016, 71, 141-147.	2.7	40
62	The social network of cystic fibrosis centre care and shared <i>Pseudomonas aeruginosa</i> strain infection: a cross-sectional analysis. <i>Lancet Respiratory Medicine</i> , 2015, 3, 640-650.	5.2	26
63	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. <i>Journal of Hospital Infection</i> , 2015, 91, 35-44.	1.4	143
64	Chronic Biofilm Infection in Breast Implants Is Associated with an Increased T-Cell Lymphocytic Infiltrate. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 319-329.	0.7	207
65	A new dry-surface biofilm model: An essential tool for efficacy testing of hospital surface decontamination procedures. <i>Journal of Microbiological Methods</i> , 2015, 117, 171-176.	0.7	46
66	Pulsed-Field Gel Electrophoresis of <i>Pseudomonas aeruginosa</i> . <i>Methods in Molecular Biology</i> , 2015, 1301, 157-170.	0.4	10
67	In Vitro and In Vivo Investigation of the Influence of Implant Surface on the Formation of Bacterial Biofilm in Mammary Implants. <i>Plastic and Reconstructive Surgery</i> , 2014, 133, 471e-480e.	0.7	161
68	A review of bacterial biofilms and their role in device-associated infection. <i>Healthcare Infection</i> , 2013, 18, 61-66.	0.6	58
69	Modulation of gene expression by <i>Pseudomonas aeruginosa</i> during chronic infection in the adult cystic fibrosis lung. <i>Microbiology (United Kingdom)</i> , 2013, 159, 2354-2363.	0.7	19
70	Virulence factor expression patterns in <i>Pseudomonas aeruginosa</i> strains from infants with cystic fibrosis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013, 32, 1583-1592.	1.3	23
71	Type 3 secretion system effector genotype and secretion phenotype of longitudinally collected <i>Pseudomonas aeruginosa</i> isolates from young children diagnosed with cystic fibrosis following newborn screening. <i>Clinical Microbiology and Infection</i> , 2013, 19, 266-272.	2.8	19
72	Shared <i>Pseudomonas aeruginosa</i> genotypes are common in Australian cystic fibrosis centres. <i>European Respiratory Journal</i> , 2013, 41, 1091-1100.	3.1	59

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73	Prevention of Biofilm-Induced Capsular Contracture With Antibiotic-Impregnated Mesh in a Porcine Model. <i>Aesthetic Surgery Journal</i> , 2012, 32, 886-891.	0.9	63
74	Detection of Bacterial Biofilm in Double Capsule Surrounding Mammary Implants. <i>Plastic and Reconstructive Surgery</i> , 2012, 129, 578e-580e.	0.7	20
75	<i>Pseudomonas aeruginosa</i> strains from the chronically infected cystic fibrosis lung display increased invasiveness of A549 epithelial cells over time. <i>Microbial Pathogenesis</i> , 2012, 53, 37-43.	1.3	9
76	Clinical profile of adult cystic fibrosis patients with frequent epidemic clones of <i>Pseudomonas aeruginosa</i> . <i>Respirology</i> , 2010, 15, 923-929.	1.3	19
77	Behavioral and [F-18] fluorodeoxyglucose micro positron emission tomography imaging study in a rat chronic mild stress model of depression. <i>Neuroscience</i> , 2010, 169, 171-181.	1.1	43
78	Gene expression of <i>Pseudomonas aeruginosa</i> in a mucin-containing synthetic growth medium mimicking cystic fibrosis lung sputum. <i>Journal of Medical Microbiology</i> , 2010, 59, 1089-1100.	0.7	137
79	Low Rates of <i>Pseudomonas aeruginosa</i> Misidentification in Isolates from Cystic Fibrosis Patients. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1503-1509.	1.8	52
80	Gene expression characteristics of a cystic fibrosis epidemic strain of <i>Pseudomonas aeruginosa</i> during biofilm and planktonic growth. <i>FEMS Microbiology Letters</i> , 2009, 292, 107-114.	0.7	40
81	Transcriptome analyses and biofilm-forming characteristics of a clonal <i>Pseudomonas aeruginosa</i> from the cystic fibrosis lung. <i>Journal of Medical Microbiology</i> , 2008, 57, 1454-1465.	0.7	50
82	Dietary sialic acid supplementation improves learning and memory in piglets. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 561-569.	2.2	252
83	Molecular characterization of pig ST8Sia IVa critical gene for the formation of neural cell adhesion molecule and its response to sialic acid supplement in piglets. <i>Nutritional Neuroscience</i> , 2006, 9, 147-154.	1.5	11
84	Adaptation of Multilocus Sequencing for Studying Variation Within a Major Clone: Evolutionary Relationships of <i>Salmonella enterica</i> Serovar Typhimurium. <i>Genetics</i> , 2006, 172, 743-750.	1.2	22
85	Fluorescent Amplified Fragment Length Polymorphism Analysis of <i>Salmonella enterica</i> Serovar Typhimurium Reveals Phage-Type-Specific Markers and Potential for Microarray Typing. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3406-3415.	1.8	32
86	A Septum-Derived Chemorepulsive Factor for Migrating Olfactory Interneuron Precursors. <i>Neuron</i> , 1996, 16, 933-940.	3.8	134
87	Lifetime Multiplexing with Lanthanide Complexes for Luminescence In Situ Hybridisation. <i>Analysis &amp; Sensing</i> , 0, , .	1.1	0