

Jim Manos

List of Publications by Year in descending order

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38
papers

1,368
citations

430754

18
h-index

360920

35
g-index

38
all docs

38
docs citations

38
times ranked

1986
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical utilization of genomics data produced by the international <i>Pseudomonas aeruginosa</i> consortium. <i>Frontiers in Microbiology</i> , 2015, 6, 1036.	1.5	144
2	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
3	<i>Proteus mirabilis</i> ZapA Metalloprotease Degrades a Broad Spectrum of Substrates, Including Antimicrobial Peptides. <i>Infection and Immunity</i> , 2004, 72, 5159-5167.	1.0	132
4	Phenotypic Characterization of Clonal and Nonclonal <i>Pseudomonas aeruginosa</i> Strains Isolated from Lungs of Adults with Cystic Fibrosis. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1697-1704.	1.8	100
5	Developing an international <i>Pseudomonas aeruginosa</i> reference panel. <i>MicrobiologyOpen</i> , 2013, 2, 1010-1023.	1.2	94
6	Bacteriophage PEV20 and Ciprofloxacin Combination Treatment Enhances Removal of <i>Pseudomonas aeruginosa</i> Biofilm Isolated from Cystic Fibrosis and Wound Patients. <i>AAPS Journal</i> , 2019, 21, 49.	2.2	64
7	The Genera <i>Proteus</i> , <i>Providencia</i> , and <i>Morganella</i> . , 2006, , 245-269.		55
8	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
9	Glutathione-Disrupted Biofilms of Clinical <i>Pseudomonas aeruginosa</i> Strains Exhibit an Enhanced Antibiotic Effect and a Novel Biofilm Transcriptome. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4539-4551.	1.4	50
10	Proteomics of <i>Pseudomonas aeruginosa</i> Australian Epidemic Strain 1 (AES-1) Cultured under Conditions Mimicking the Cystic Fibrosis Lung Reveals Increased Iron Acquisition via the Siderophore Pyochelin. <i>Journal of Proteome Research</i> , 2012, 11, 776-795.	1.8	45
11	Two-in-One Biointerfaces "Antimicrobial and Bioactive Nanoporous Gallium Titanate Layers for Titanium Implants. <i>Nanomaterials</i> , 2017, 7, 229.	1.9	45
12	Proteomic profiling of <i>Pseudomonas aeruginosa</i> AES-1R, PAO1 and PA14 reveals potential virulence determinants associated with a transmissible cystic fibrosis-associated strain. <i>BMC Microbiology</i> , 2012, 12, 16.	1.3	43
13	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
14	The human microbiome in disease and pathology. <i>Apmis</i> , 2022, 130, 690-705.	0.9	38
15	<i>Pseudomonas aeruginosa</i> AES-1 Exhibits Increased Virulence Gene Expression during Chronic Infection of Cystic Fibrosis Lung. <i>PLoS ONE</i> , 2011, 6, e24526.	1.1	31
16	Glutathione Enhances Antibiotic Efficiency and Effectiveness of DNase I in Disrupting <i>Pseudomonas aeruginosa</i> Biofilms While Also Inhibiting Pyocyanin Activity, Thus Facilitating Restoration of Cell Enzymatic Activity, Confluence and Viability. <i>Frontiers in Microbiology</i> , 2017, 8, 2429.	1.5	28
17	Protease IV production in <i>Pseudomonas aeruginosa</i> from the lungs of adults with cystic fibrosis. <i>Journal of Medical Microbiology</i> , 2006, 55, 1641-1644.	0.7	28
18	Conditions Under Which Glutathione Disrupts the Biofilms and Improves Antibiotic Efficacy of Both ESKAPE and Non-ESKAPE Species. <i>Frontiers in Microbiology</i> , 2019, 10, 2000.	1.5	22

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19	An Investigation of the Molecular Basis of the Spontaneous Occurrence of a Catalase-Negative Phenotype in <i>Helicobacter pylori</i> . <i>Helicobacter</i> , 1998, 3, 28-38.	1.6	20
20	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
21	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
22	The effect of N-acetylcysteine in a combined antibiofilm treatment against antibiotic-resistant <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1787-1798.	1.3	19
23	Secretome of Transmissible <i>Pseudomonas aeruginosa</i> AES-1R Grown in a Cystic Fibrosis Lung-Like Environment. <i>Journal of Proteome Research</i> , 2013, 12, 5357-5369.	1.8	18
24	Enhanced motility of a <i>Proteus mirabilis</i> strain expressing hybrid FlaAB flagella. <i>Microbiology (United Kingdom)</i> , 2004, 150, 2857-2863.	0.7	15
25	N-Acetylcysteine Protects Bladder Epithelial Cells from Bacterial Invasion and Displays Antibiofilm Activity against Urinary Tract Bacterial Pathogens. <i>Antibiotics</i> , 2021, 10, 900.	1.5	14
26	Current and Emerging Therapies to Combat Cystic Fibrosis Lung Infections. <i>Microorganisms</i> , 2021, 9, 1874.	1.6	12
27	Disruption of biofilms and killing of <i>Burkholderia cenocepacia</i> from cystic fibrosis lung using an antioxidant-antibiotic combination therapy. <i>International Journal of Antimicrobial Agents</i> , 2021, 58, 106372.	1.1	10
28	Pulsed-Field Gel Electrophoresis of <i>Pseudomonas aeruginosa</i> . <i>Methods in Molecular Biology</i> , 2015, 1301, 157-170.	0.4	10
29	The Use of Artificial Sputum Media to Enhance Investigation and Subsequent Treatment of Cystic Fibrosis Bacterial Infections. <i>Microorganisms</i> , 2022, 10, 1269.	1.6	10
30	<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
31	Transcription of <i>Proteus mirabilis</i> flaAB. <i>Microbiology (United Kingdom)</i> , 2004, 150, 2857-2863.	0.7	8
32	Halogenated Dihydropyrrol-2-One Molecules Inhibit Pyocyanin Biosynthesis by Blocking the <i>Pseudomonas</i> Quinolone Signaling System. <i>Molecules</i> , 2022, 27, 1169.	1.7	8
33	Effect of N-Acetylcysteine in Combination with Antibiotics on the Biofilms of Three Cystic Fibrosis Pathogens of Emerging Importance. <i>Antibiotics</i> , 2021, 10, 1176.	1.5	7
34	Homogentisate 1-2-Dioxygenase Downregulation in the Chronic Persistence of <i>Pseudomonas aeruginosa</i> Australian Epidemic Strain-1 in the CF Lung. <i>PLoS ONE</i> , 2015, 10, e0134229.	1.1	7
35	Covalent Immobilization of N-Acetylcysteine on a Polyvinyl Chloride Substrate Prevents Bacterial Adhesion and Biofilm Formation. <i>Langmuir</i> , 2020, 36, 13023-13033.	1.6	6
36	<i>Pseudomonas aeruginosa</i> biofilms and infections: Roles of extracellular molecules. , 2020, , 29-46.		5

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37	Transcriptional analysis and operon structure of the tagA?orf2?orf3?mop?tagD region on the Vibrio pathogenicity island in epidemic V. cholerae. FEMS Microbiology Letters, 2004, 235, 199-207.	0.7	4
38	Spray-Dried Particles of Nitric Oxide-Modified Glutathione for the Treatment of Chronic Lung Infection. Molecular Pharmaceutics, 2019, 16, 1723-1731.	2.3	2