Craig Winstanley

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3670644/publications.pdf

Version: 2024-02-01

111 papers	7,580 citations	46918 47 h-index	58464 82 g-index
123 all docs	123 docs citations	123 times ranked	8027 citing authors

#	Article	IF	Citations
1	<i>Pseudomonas</i>genomes: diverse and adaptable. FEMS Microbiology Reviews, 2011, 35, 652-680.	3.9	765
2	Pseudomonas aeruginosa Evolutionary Adaptation and Diversification in Cystic Fibrosis Chronic Lung Infections. Trends in Microbiology, 2016, 24, 327-337.	3.5	588
3	Spread of Î²-lactam-resistant Pseudomonas aeruginosa in a cystic fibrosis clinic. Lancet, The, 1996, 348, 639-642.	6.3	392
4	Newly introduced genomic prophage islands are critical determinants of in vivo competitiveness in the Liverpool Epidemic Strain of <i>Pseudomonas aeruginosa</i>. Genome Research, 2009, 19, 12-23.	2.4	317
5	<i>Pseudomonas aeruginosa</i> Population Diversity and Turnover in Cystic Fibrosis Chronic Infections. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1674-1679.	2.5	229
6	Colonic mucosa-associated diffusely adherent<i>afaC+ Escherichia coli</i>expressing<i>lpfA</i>and<i>pks</i>are increased in inflammatory bowel disease and colon cancer. Gut, 2014, 63, 761-770.	6.1	203
7	A Cystic Fibrosis Epidemic Strain of Pseudomonas aeruginosa Displays Enhanced Virulence and Antimicrobial Resistance. Journal of Bacteriology, 2005, 187, 4908-4920.	1.0	183
8	The role of quorum sensing in chronic cystic fibrosis<i>Pseudomonas aeruginosa</i>infections. FEMS Microbiology Letters, 2009, 290, 1-9.	0.7	166
9	Phage therapy is highly effective against chronic lung infections with<i>Pseudomonas aeruginosa</i>. Thorax, 2017, 72, 666-667.	2.7	161
10	Role of environmental survival in transmission of<i>Campylobacter jejuni</i>. FEMS Microbiology Letters, 2014, 356, 8-19.	0.7	152
11	Divergent, Coexisting <i>Pseudomonas aeruginosa</i> Lineages in Chronic Cystic Fibrosis Lung Infections. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 775-785.	2.5	148
12	Clinical utilization of genomics data produced by the international Pseudomonas aeruginosa consortium. Frontiers in Microbiology, 2015, 6, 1036.	1.5	144
13	The role of temperate bacteriophages in bacterial infection. FEMS Microbiology Letters, 2016, 363, fnw015.	0.7	144
14	Transmissible strains of<i>Pseudomonas aeruginosa</i>in cystic fibrosis lung infections. European Respiratory Journal, 2012, 40, 227-238.	3.1	141
15	Widespread pyocyanin over-production among isolates of a cystic fibrosis epidemic strain. BMC Microbiology, 2007, 7, 45.	1.3	140
16	Use of Artificial Sputum Medium to Test Antibiotic Efficacy Against Pseudomonas aeruginosa in Conditions More Relevant to the Cystic Fibrosis Lung. Journal of Visualized Experiments, 2012, , e3857.	0.2	106
17	Distribution of type III secretion gene clusters in Burkholderia pseudomallei, B. thailandensis and B. mallei. Journal of Medical Microbiology, 2002, 51, 374-384.	0.7	105
18	Temperate phages both mediate and drive adaptive evolution in pathogen biofilms. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8266-8271.	3.3	102

#	Article	IF	Citations
19	The bacterial flagellin gene as a biomarker for detection, population genetics and epidemiological analysis. Microbiology (United Kingdom), 1997, 143, 3071-3084.	0.7	96
20	Comparative Genomics of Isolates of a Pseudomonas aeruginosa Epidemic Strain Associated with Chronic Lung Infections of Cystic Fibrosis Patients. PLoS ONE, 2014, 9, e87611.	1.1	95
21	Developing an international <i>Pseudomonas aeruginosa</i> reference panel. MicrobiologyOpen, 2013, 2, 1010-1023.	1.2	94
22	Pseudomonas aeruginosa and microbial keratitis. Journal of Medical Microbiology, 2020, 69, 3-13.	0.7	94
23	Identification of type II and type III pyoverdine receptors from Pseudomonas aeruginosa. Microbiology (United Kingdom), 2003, 149, 821-831.	0.7	90
24	A megaplasmid family driving dissemination of multidrug resistance in Pseudomonas. Nature Communications, 2020, 11, 1370.	5.8	90
25	In Vivo Growth of Pseudomonas aeruginosa Strains PAO1 and PA14 and the Hypervirulent Strain LESB58 in a Rat Model of Chronic Lung Infection. Journal of Bacteriology, 2008, 190, 2804-2813.	1.0	89
26	Fluctuations in phenotypes and genotypes within populations of Pseudomonasaeruginosa in the cystic fibrosis lung during pulmonary exacerbations. Journal of Medical Microbiology, 2010, 59, 472-481.	0.7	89
27	Pseudomonas aeruginosa adaptation in the nasopharyngeal reservoir leads to migration and persistence in the lungs. Nature Communications, 2014, 5, 4780.	5.8	82
28	Genetic Characterization Indicates that a Specific Subpopulation of Pseudomonas aeruginosa Is Associated with Keratitis Infections. Journal of Clinical Microbiology, 2011, 49, 993-1003.	1.8	81
29	Characterization of epithelial IL-8 response to inflammatory bowel disease mucosal E. coli and its inhibition by mesalamine. Inflammatory Bowel Diseases, 2008, 14, 162-175.	0.9	77
30	<i>Pseudomonas aeruginosa</i>adaptation and diversification in the non-cystic fibrosis bronchiectasis lung. European Respiratory Journal, 2017, 49, 1602108.	3.1	75
31	Persistent and aggressive bacteria in the lungs of cystic fibrosis children. British Medical Bulletin, 2002, 61, 81-96.	2.7	72
32	Phenotypic characterization of an international Pseudomonas aeruginosa reference panel: strains of cystic fibrosis (CF) origin show less in vivo virulence than non-CF strains. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 21	0.7	70
33	Lytic activity by temperate phages of <i>Pseudomonas aeruginosa</i> in long-term cystic fibrosis chronic lung infections. ISME Journal, 2015, 9, 1391-1398.	4.4	70
34	Temperate phages enhance pathogen fitness in chronic lung infection. ISME Journal, 2016, 10, 2553-2555.	4.4	69
35	Ivacaftor Is Associated with Reduced Lung Infection by Key Cystic Fibrosis Pathogens. A Cohort Study Using National Registry Data. Annals of the American Thoracic Society, 2019, 16, 1375-1382.	1.5	68
36	Genomic characterisation of an international Pseudomonas aeruginosa reference panel indicates that the two major groups draw upon distinct mobile gene pools. FEMS Microbiology Letters, 2018, 365, .	0.7	67

#	Article	IF	Citations
37	Identification, Typing, and Insecticidal Activity of Xenorhabdus Isolates from Entomopathogenic Nematodes in United Kingdom Soil and Characterization of the xpt Toxin Loci. Applied and Environmental Microbiology, 2006, 72, 5895-5907.	1.4	64
38	Type III secretion systems and pathogenicity islands. Journal of Medical Microbiology, 2001, 50, 116-126.	0.7	61
39	Genotypic and phenotypic characteristics of Pseudomonas aeruginosa isolates associated with ulcerative keratitis. Journal of Medical Microbiology, 2005, 54, 519-526.	0.7	57
40	Impact of <i>Pseudomonas aeruginosa</i> Genomic Instability on the Application of Typing Methods for Chronic Cystic Fibrosis Infections. Journal of Clinical Microbiology, 2010, 48, 2053-2059.	1.8	54
41	Effect of Antibiotic Treatment on Bacteriophage Production by a Cystic Fibrosis Epidemic Strain of <i>Pseudomonas</i> <i>aeruginosa</i>. Antimicrobial Agents and Chemotherapy, 2011, 55, 426-428.	1.4	54
42	Spot the difference: applications of subtractive hybridisation to the study of bacterial pathogens. Journal of Medical Microbiology, 2002, 51, 459-467.	0.7	53
43	Isolation of<i>Waddlia malaysiensis</i>, A Novel Intracellular Bacterium, from Fruit Bat (<i>Eonycteris spelaea</i>). Emerging Infectious Diseases, 2005, 11, 271-277.	2.0	53
44	Genomic variations define divergence of water/wildlifeâ€associated <i>Campylobacter jejuni</i> niche specialists from common clonal complexes. Environmental Microbiology, 2011, 13, 1549-1560.	1.8	52
45	Bacteriophage Delivery by Nebulization and Efficacy Against Phenotypically Diverse<i>Pseudomonas aeruginosa</i>from Cystic Fibrosis Patients. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2015, 28, 353-360.	0.7	51
46	Presence of Type III Secretion Genes in <i>Burkholderia pseudomallei</i> Correlates with Ara ^{âˆ’} Phenotypes. Journal of Clinical Microbiology, 2000, 38, 883-885.	1.8	51
47	Extensive diversification is a common feature of Pseudomonas aeruginosa populations during respiratory infections in cystic fibrosis. Journal of Cystic Fibrosis, 2013, 12, 790-793.	0.3	50
48	Use of Subtractive Hybridization To Identify a Diagnostic Probe for a Cystic Fibrosis Epidemic Strain of Pseudomonas aeruginosa. Journal of Clinical Microbiology, 2002, 40, 4607-4611.	1.8	48
49	Rapid Immunocapture of <i>Pseudomonas putida</i> Cells from Lake Water by Using Bacterial Flagella. Applied and Environmental Microbiology, 1991, 57, 503-509.	1.4	48
50	Novel therapeutic strategies to counter<i>Pseudomonas aeruginosa</i>infections. Expert Review of Anti-Infective Therapy, 2012, 10, 219-235.	2.0	46
51	Soluble plantain fibre blocks adhesion and M-cell translocation of intestinal pathogens. Journal of Nutritional Biochemistry, 2013, 24, 97-103.	1.9	46
52	High virulence sub-populations in Pseudomonas aeruginosa long-term cystic fibrosis airway infections. BMC Microbiology, 2017, 17, 30.	1.3	44
53	Differential infection properties of three inducible prophages from an epidemic strain of Pseudomonas aeruginosa. BMC Microbiology, 2012, 12, 216.	1.3	43
54	Exploring the Diversity of Arcobacter butzleri from Cattle in the UK Using MLST and Whole Genome Sequencing. PLoS ONE, 2013, 8, e55240.	1.1	43

#	Article	IF	Citations
55	A Subtype of aPseudomonas aeruginosaCystic Fibrosis Epidemic Strain Exhibits Enhanced Virulence in a Murine Model of Acute Respiratory Infection. Journal of Infectious Diseases, 2010, 202, 935-942.	1.9	40
56	Halting the spread of epidemic Pseudomonas aeruginosa in an adult cystic fibrosis centre: a prospective cohort study. JRSM Short Reports, 2013, 4, 1-8.	0.6	40
57	Pseudomonas aeruginosa Toxin ExoU as a Therapeutic Target in the Treatment of Bacterial Infections. Microorganisms, 2019, 7, 707.	1.6	39
58	Evolutionary diversification of Pseudomonas aeruginosa in an artificial sputum model. BMC Microbiology, 2017, 17, 3.	1.3	38
59	Variation in Flagellin Genes and Proteins of <i>Burkholderia cepacia</i>. Journal of Bacteriology, 1998, 180, 1110-1118.	1.0	38
60	A subset of mucosa-associated Escherichia coli isolates from patients with colon cancer, but not Crohn's disease, share pathogenicity islands with urinary pathogenic E. coli. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	36
61	Sub-inhibitory concentrations of some antibiotics can drive diversification of Pseudomonas aeruginosa populations in artificial sputum medium. BMC Microbiology, 2013, 13, 170.	1.3	35
62	A Large-Scale Whole-Genome Comparison Shows that Experimental Evolution in Response to Antibiotics Predicts Changes in Naturally Evolved Clinical Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	31
63	Diagnostic multiplex PCR assay for the identification of the Liverpool, Midlands 1 and Manchester CF epidemic strains of Pseudomonas aeruginosa. Journal of Cystic Fibrosis, 2008, 7, 258-261.	0.3	30
64	The Antimicrobial Activity of a Carbon Monoxide Releasing Molecule (EBOR-CORM-1) Is Shaped by Intraspecific Variation within Pseudomonas aeruginosa Populations. Frontiers in Microbiology, 2018, 9, 195.	1.5	30
65	Evolutionary trade-offs associated with loss of PmrB function in host-adapted Pseudomonas aeruginosa. Nature Communications, 2018, 9, 2635.	5.8	28
66	Use of suppression subtractive hybridization to examine the accessory genome of the Liverpool cystic fibrosis epidemic strain of Pseudomonas aeruginosa. Journal of Medical Microbiology, 2006, 55, 677-688.	0.7	26
67	Not all Pseudomonas aeruginosa are equal: strains from industrial sources possess uniquely large multireplicon genomes. Microbial Genomics, 2019, 5, .	1.0	26
68	Molecular epidemiological analysis suggests cross-infection with Pseudomonas aeruginosa is rare in non-cystic fibrosis bronchiectasis. European Respiratory Journal, 2014, 43, 900-903.	3.1	25
69	Suppression-subtractive hybridisation reveals variations in gene distribution amongst the Burkholderia cepacia complex, including the presence in some strains of a genomic island containing putative polysaccharide production genes. Archives of Microbiology, 2003, 179, 214-223.	1.0	24
70	Genomic Characterisation of Invasive Non-Typhoidal Salmonella enterica Subspecies enterica Serovar Bovismorbificans Isolates from Malawi. PLoS Neglected Tropical Diseases, 2013, 7, e2557.	1.3	24
71	A putative type III secretion gene cluster is widely distributed in theBurkholderia cepaciacomplex but absent from genomovar I. FEMS Microbiology Letters, 2001, 203, 103-108.	0.7	23
72	Cross-infection risk in patients with bronchiectasis: a position statement from the European Bronchiectasis Network (EMBARC), EMBARC/ELF patient advisory group and European Reference Network (ERN-Lung) Bronchiectasis Network. European Respiratory Journal, 2018, 51, 1701937.	3.1	23

#	Article	IF	Citations
73	Molecular Typing of, and Distribution of Genetic Markers among, Burkholderia cepacia Complex Isolates from Brazil. Journal of Clinical Microbiology, 2003, 41, 4148-4153.	1.8	22
74	Use of a Variable Amplicon Typing Scheme Reveals Considerable Variation in the Accessory Genomes of Isolates of Burkholderia pseudomallei. Journal of Clinical Microbiology, 2006, 44, 1323-1334.	1.8	22
75	Comparison of Flagellin Genes from Clinical and Environmental <i>Pseudomonas aeruginosa</i> Isolates. Applied and Environmental Microbiology, 1999, 65, 1175-1179.	1.4	21
76	PCR-Based Detection of a Cystic Fibrosis Epidemic Strain of Pseudomonas Aeruginosa. Molecular Diagnosis and Therapy, 2003, 7, 195-200.	1.3	21
77	PCR-Based Detection of a Cystic Fibrosis Epidemic Strain of Pseudomonas Aeruginosa. Molecular Diagnosis and Therapy, 2003, 7, 195-200.	1.3	20
78	Complete Genome Sequence of the Arcobacter butzleri Cattle Isolate 7h1h. Genome Announcements, 2013, 1, .	0.8	19
79	Transmission and lineage displacement drive rapid population genomic flux in cystic fibrosis airway infections of a Pseudomonas aeruginosa epidemic strain. Microbial Genomics, 2018, 4, .	1.0	19
80	Flagellin Gene Sequence Variation in the genus Pseudomonas. Systematic and Applied Microbiology, 2001, 24, 157-165.	1.2	18
81	Genotypic analysis of UK keratitis-associated Pseudomonas aeruginosa suggests adaptation to environmental water as a key component in the development of eye infections. FEMS Microbiology Letters, 2012, 334, 79-86.	0.7	18
82	Genes Required for Free Phage Production are Essential for<i>Pseudomonas aeruginosa</i>Chronic Lung Infections. Journal of Infectious Diseases, 2016, 213, 395-402.	1.9	17
83	Genomic and phenotypic comparison of environmental and patient-derived isolates of Pseudomonas aeruginosa suggest that antimicrobial resistance is rare within the environment. Journal of Medical Microbiology, 2019, 68, 1591-1595.	0.7	16
84	Identification and distribution of accessory genome DNA sequences from an invasive African isolate of<i>Salmonella</i>Ã¢Â€Âƒ Heidelberg. FEMS Microbiology Letters, 2009, 298, 29-36.	0.7	15
85	Divergence of a strain of Pseudomonas aeruginosa during an outbreak of ovine mastitis. Veterinary Microbiology, 2015, 175, 105-113.	0.8	15
86	Development of a diagnostic test for the Midlands 1 cystic fibrosis epidemic strain of Pseudomonas aeruginosa. Journal of Medical Microbiology, 2006, 55, 1085-1091.	0.7	13
87	Transposable temperate phages promote the evolution of divergent social strategies in <i>Pseudomonas aeruginosa</i> populations. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191794.	1.2	13
88	A pipeline to evaluate inhibitors of the Pseudomonas aeruginosa exotoxin U. Biochemical Journal, 2021, 478, 647-668.	1.7	13
89	Campylobacter jejuni transcriptome changes during loss of culturability in water. PLoS ONE, 2017, 12, e0188936.	1.1	13
90	Conservation of the opcL gene encoding the peptidoglycan-associated outer-membrane lipoprotein among representatives of the Burkholderia cepacia complex. Journal of Medical Microbiology, 2004, 53, 389-398.	0.7	12

#	Article	IF	Citations
91	Sequence divergence in type III secretion gene clusters of theBurkholderia cepaciacomplex. FEMS Microbiology Letters, 2004, 235, 229-235.	0.7	12
92	Transmission, adaptation and geographical spread of the Pseudomonas aeruginosa Liverpool epidemic strain. Microbial Genomics, 2021, 7, .	1.0	12
93	Turnover of strains and intraclonal variation amongst Pseudomonas aeruginosa isolates from paediatric CF patients. Diagnostic Microbiology and Infectious Disease, 2014, 80, 324-326.	0.8	11
94	Flagellin gene PCR-RFLP analysis of a panel of strains from the Burkholderia cepacia complex. Journal of Medical Microbiology, 2001, 50, 728-731.	0.7	11
95	Caenorhabditis elegans killing assay as an infection model to study the role of type III secretion in Burkholderia cenocepacia. Journal of Medical Microbiology, 2006, 55, 967-969.	0.7	11
96	Refined analyses suggest that recombination is a minor source of genomic diversity in Pseudomonas aeruginosa chronic cystic fibrosis infections. Microbial Genomics, 2016, 2, e000051.	1.0	11
97	The B Lymphocyte Differentiation Factor (BAFF) Is Expressed in the Airways of Children with CF and in Lungs of Mice Infected with Pseudomonas aeruginosa. PLoS ONE, 2014, 9, e95892.	1.1	11
98	Use of suppression subtractive hybridisation to extend our knowledge of genome diversity in Campylobacter jejuni. BMC Genomics, 2007, 8, 110.	1.2	10
99	Increasing prevalence of a fluoroquinolone resistance mutation amongst Campylobacter jejuni isolates from four human infectious intestinal disease studies in the United Kingdom. PLoS ONE, 2020, 15, e0227535.	1.1	9
100	Analysis of fliC variation among clinical isolates of Burkholderia cepacia. Journal of Medical Microbiology, 1999, 48, 657-662.	0.7	8
101	Improved flagellin genotyping in theBurkholderia cepaciacomplex. FEMS Microbiology Letters, 2003, 229, 9-14.	0.7	6
102	Intraclonal genetic diversity amongst cystic fibrosis and keratitis isolates of Pseudomonas aeruginosa. Journal of Medical Microbiology, 2013, 62, 208-216.	0.7	6
103	Identical Burkholderia cepacia complex strain types isolated from multiple patients attending a hospital in Brazil. Journal of Medical Microbiology, 2006, 55, 247-249.	0.7	4
104	AcGI1, a novel genomic island carrying antibiotic resistance integron In687 in multidrug resistant Achromobacter xylosoxidans in a teaching hospital in Thailand. FEMS Microbiology Letters, 2020, 367, .	0.7	4
105	A Fully Integrated Real-Time Detection, Diagnosis, and Control of Community Diarrheal Disease Clusters and Outbreaks (the INTEGRATE Project): Protocol for an Enhanced Surveillance System. JMIR Research Protocols, 2019, 8, e13941.	0.5	4
106	Empyema due to a highly transmissible Pseudomonas aeruginosa strain in an adult cystic fibrosis patient. Journal of Medical Microbiology, 2010, 59, 614-616.	0.7	3
107	Pseudomonas aeruginosa and Bronchiectasis. , 2018, , 157-180.		1
108	Can We Manipulate the Evolutionary Biology of Pathogens for Clinical Benefit?. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 143-144.	1.4	1

#	Article	IF	Citations
109	Editorial: complexity and adaptability: an introduction to the special thematic issue on the genus Pseudomonas. FEMS Microbiology Letters, 2018, 365, .	0.7	1
110	Social network analysis of Pseudomonas aeruginosa in cystic fibrosis. Lancet Respiratory Medicine,the, 2015, 3, 595-596.	5.2	0
111	Subtractive Hybridization. Springer Protocols, 2008, , 227-238.	0.1	0