

Kate M Peters

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,293
citations

361413

20
h-index

501196

28
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28
all docs

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docs citations

28
times ranked

2375
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation of Antigen 43 self-association modulates bacterial compacting within aggregates and biofilms. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 20.	6.4	5
2	Frontline Science: LPS-inducible SLC30A1 drives human macrophage-mediated zinc toxicity against intracellular <i>Escherichia coli</i> . <i>Journal of Leukocyte Biology</i> , 2021, 109, 287-297.	3.3	13
3	Restriction of chronic <i>Escherichia coli</i> urinary tract infection depends upon T cell-derived interleukin-17, a deficiency of which predisposes to flagella-driven bacterial persistence. <i>FASEB Journal</i> , 2020, 34, 14572-14587.	0.5	14
4	Comprehensive analysis of IncC plasmid conjugation identifies a crucial role for the transcriptional regulator AcaB. <i>Nature Microbiology</i> , 2020, 5, 1340-1348.	13.3	23
5	Uncovering novel susceptibility targets to enhance the efficacy of third-generation cephalosporins against ESBL-producing uropathogenic <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1415-1423.	3.0	7
6	Population dynamics of an <i>Escherichia coli</i> ST131 lineage during recurrent urinary tract infection. <i>Nature Communications</i> , 2019, 10, 3643.	12.8	76
7	Complex Multilevel Control of Hemolysin Production by Uropathogenic <i>Escherichia coli</i> . <i>MBio</i> , 2019, 10, .	4.1	15
8	Unique structural features of a bacterial autotransporter adhesin suggest mechanisms for interaction with host macromolecules. <i>Nature Communications</i> , 2019, 10, 1967.	12.8	22
9	Uropathogenic <i>Escherichia coli</i> employs both evasion and resistance to subvert innate immune-mediated zinc toxicity for dissemination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6341-6350.	7.1	60
10	Regulation of hemolysin in uropathogenic <i>Escherichia coli</i> fine-tunes killing of human macrophages. <i>Virulence</i> , 2018, 9, 967-980.	4.4	38
11	Copper Ions and Coordination Complexes as Novel Carbapenem Adjuvants. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	31
12	The urinary microbiome in patients with refractory urge incontinence and recurrent urinary tract infection. <i>International Urogynecology Journal</i> , 2018, 29, 1775-1782.	1.4	38
13	Discovery of New Genes Involved in Curli Production by a Uropathogenic <i>Escherichia coli</i> Strain from the Highly Virulent O45:K1:H7 Lineage. <i>MBio</i> , 2018, 9, .	4.1	35
14	Interplay between tolerance mechanisms to copper and acid stress in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6818-6823.	7.1	57
15	Comprehensive analysis of type 1 fimbriae regulation in <i>fimB</i> null strains from the multidrug resistant <i>Escherichia coli</i> ST131 clone. <i>Molecular Microbiology</i> , 2016, 101, 1069-1087.	2.5	21
16	A Novel Protective Vaccine Antigen from the Core <i>Escherichia coli</i> Genome. <i>MSphere</i> , 2016, 1, .	2.9	43
17	Effective assembly of fimbriae in <i>Escherichia coli</i> depends on the translocation assembly module nanomachine. <i>Nature Microbiology</i> , 2016, 1, 16064.	13.3	52
18	The cytochrome bd-I respiratory oxidase augments survival of multidrug-resistant <i>Escherichia coli</i> during infection. <i>Scientific Reports</i> , 2016, 6, 35285.	3.3	51

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19	<i>Salmonella</i> employs multiple mechanisms to subvert the TLR-induced zinc-mediated antimicrobial response of human macrophages. <i>FASEB Journal</i> , 2016, 30, 1901-1912.	0.5	91
20	Lineage-Specific Methyltransferases Define the Methylome of the Globally Disseminated <i>Escherichia coli</i> ST131 Clone. <i>MBio</i> , 2015, 6, e01602-15.	4.1	27
21	Molecular Analysis of Asymptomatic Bacteriuria <i>Escherichia coli</i> Strain VR50 Reveals Adaptation to the Urinary Tract by Gene Acquisition. <i>Infection and Immunity</i> , 2015, 83, 1749-1764.	2.2	24
22	Methylome sequencing in triple-negative breast cancer reveals distinct methylation clusters with prognostic value. <i>Nature Communications</i> , 2015, 6, 5899.	12.8	162
23	Third-generation cephalosporin resistance conferred by a chromosomally encoded <i>bla</i> CMY-23 gene in the <i>Escherichia coli</i> ST131 reference strain EC958. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1969-1972.	3.0	14
24	Molecular Characterization of a Multidrug Resistance IncF Plasmid from the Globally Disseminated <i>Escherichia coli</i> ST131 Clone. <i>PLoS ONE</i> , 2015, 10, e0122369.	2.5	48
25	F9 Fimbriae of Uropathogenic <i>Escherichia coli</i> Are Expressed at Low Temperature and Recognise Gal β 1-3GlcNAc-Containing Glycans. <i>PLoS ONE</i> , 2014, 9, e93177.	2.5	43
26	The Complete Genome Sequence of <i>Escherichia coli</i> EC958: A High Quality Reference Sequence for the Globally Disseminated Multidrug Resistant <i>E. coli</i> O25b:H4-ST131 Clone. <i>PLoS ONE</i> , 2014, 9, e104400.	2.5	116
27	The antigen 43 structure reveals a molecular Velcro-like mechanism of autotransporter-mediated bacterial clumping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 457-462.	7.1	116
28	Androgen receptor expression predicts breast cancer survival: the role of genetic and epigenetic events. <i>BMC Cancer</i> , 2012, 12, 132.	2.6	51