

Charles W Kaspar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

601
citations

12
h-index

21
g-index

21
ext. papers

692
ext. citations

3.6
avg, IF

3.1
L-index

#	Paper	IF	Citations
21	Tetraether-linked membrane monolayers in <i>Ferroplasma</i> spp: a key to survival in acid. <i>Extremophiles</i> , 2004 , 8, 411-9	3	124
20	Contribution of dps to acid stress tolerance and oxidative stress tolerance in <i>Escherichia coli</i> O157:H7. <i>Applied and Environmental Microbiology</i> , 2000 , 66, 3911-6	4.8	122
19	Role of rpoS in acid resistance and fecal shedding of <i>Escherichia coli</i> O157:H7. <i>Applied and Environmental Microbiology</i> , 2000 , 66, 632-7	4.8	90
18	Acid stress damage of DNA is prevented by Dps binding in <i>Escherichia coli</i> O157:H7. <i>BMC Microbiology</i> , 2008 , 8, 181	4.5	67
17	Reduction of <i>Escherichia coli</i> O157:H7 shedding in cattle by addition of chitosan microparticles to feed. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 2611-6	4.8	28
16	Genomic analysis using pulsed-field gel electrophoresis of <i>Escherichia coli</i> O157: H7 isolated from dairy calves during the United State National Dairy Heifer Evaluation Project (1992-1992). <i>Veterinary Microbiology</i> , 1996 , 48, 223-30	3.3	28
15	Evolution of the Stx2-encoding prophage in persistent bovine <i>Escherichia coli</i> O157:H7 strains. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 1563-72	4.8	22
14	Differences in colonization and shedding patterns after oral challenge of cattle with three <i>Escherichia coli</i> O157:H7 strains. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 8045-55	4.8	17
13	Osmotic and desiccation tolerance in <i>Escherichia coli</i> O157:H7 requires rpoS ((B8)). <i>Current Microbiology</i> , 2012 , 65, 660-5	2.4	16
12	Production of methanethiol and volatile sulfur compounds by the archaeon " <i>Ferroplasma acidarmanus</i> ". <i>Extremophiles</i> , 2007 , 11, 841-51	3	15
11	Sulfate requirement for heterotrophic growth of " <i>Ferroplasma acidarmanus</i> " strain fer1. <i>Research in Microbiology</i> , 2005 , 156, 492-8	4	13
10	Response of <i>Medicago truncatula</i> seedlings to colonization by <i>Salmonella enterica</i> and <i>Escherichia coli</i> O157:H7. <i>PLoS ONE</i> , 2014 , 9, e87970	3.7	12
9	Prevalent and persistent <i>Escherichia coli</i> O157:H7 strains on farms are selected by bovine passage. <i>Veterinary Microbiology</i> , 2013 , 162, 912-920	3.3	11
8	Evaluating the efficacy of beef slaughter line interventions by quantifying the six major non-O157 Shiga toxin producing <i>Escherichia coli</i> serogroups using real-time multiplex PCR. <i>Food Microbiology</i> , 2017 , 63, 228-238	6	9
7	Phylogenetic characterization of <i>Escherichia coli</i> O157 : H7 based on IS629 distribution and Shiga toxin genotype. <i>Microbiology (United Kingdom)</i> , 2014 , 160, 502-513	2.9	9
6	Temperature-dependent genome degradation in the coccoid form of <i>Campylobacter jejuni</i> . <i>Current Microbiology</i> , 2005 , 50, 110-3	2.4	7
5	Molybdate treatment and sulfate starvation decrease ATP and DNA levels in <i>Ferroplasma acidarmanu</i> . <i>Archaea</i> , 2008 , 2, 205-9	2	6

4	Gene markers of generic Escherichia coli associated with colonization and persistence of Escherichia coli O157 in cattle. <i>Preventive Veterinary Medicine</i> , 2014 , 117, 140-8	3.1	2
3	Chronological set of E. coli O157:H7 bovine strains establishes a role for repeat sequences and mobile genetic elements in genome diversification. <i>BMC Genomics</i> , 2020 , 21, 562	4.5	2
2	Genome Sequences of 14 Escherichia coli O157:H7 Strains Isolated before and during the Time Frame of the 2018 Multistate Outbreak Associated with Romaine Lettuce. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1.3	1
1	A Single Nucleotide Polymorphism in Increases Tolerance to Bile Salts, Acid, and Staining of Calcofluor-Binding Polysaccharides in Serovar Typhimurium E40. <i>Frontiers in Microbiology</i> , 2021 , 12, 671453	5.7	1