

Edmundo Calva

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,671
citations

270111

25
h-index

214428

50
g-index

72
all docs

72
docs citations

72
times ranked

3029
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The human bile salt sodium deoxycholate induces metabolic and cell envelope changes in Salmonella Typhi leading to bile resistance. Journal of Medical Microbiology, 2022, 71, . | 0.7 | 2 |
| 2 | The CRISPR-Cas System Is Involved in OmpR Genetic Regulation for Outer Membrane Protein Synthesis in Salmonella Typhi. Frontiers in Microbiology, 2021, 12, 657404. | 1.5 | 10 |
| 3 | Salmonella enterica serovar Typhi genomic regions involved in low pH resistance and in invasion and replication in human macrophages. Annals of Microbiology, 2021, 71, . | 1.1 | 1 |
| 4 | The S. Typhi leuO gene contains multiple functional promoters. Journal of Medical Microbiology, 2021, 70, . | 0.7 | 1 |
| 5 | Population analysis of D6-like plasmid prophage variants associated with specific IncC plasmid types in the emerging Salmonella Typhimurium ST213 genotype. PLoS ONE, 2019, 14, e0223975. | 1.1 | 2 |
| 6 | The CRISPR-Cas system in Enterobacteriaceae. Pathogens and Disease, 2018, 76, . | 0.8 | 39 |
| 7 | The One Health Concept—the Aztec empire and beyond. Pathogens and Disease, 2017, 75, . | 0.8 | 5 |
| 8 | Salmonella virulence plasmid: pathogenesis and ecology. Pathogens and Disease, 2017, 75, . | 0.8 | 61 |
| 9 | CRISPR-Cas system presents multiple transcriptional units including antisense RNAs that are expressed in minimal medium and upregulated by pH in Salmonella enterica serovar Typhi. Microbiology (United Kingdom) Tj ETQq1 1 0784314 rgBT /Overlock 10 | 0.8 | 5 |
| 10 | Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Typhimurium Strain SO3 (Sequence) Tj ETQq0 0 0 rgBT /Overlock 10 | 0.8 | 5 |
| 11 | Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Typhimurium Strain SO2 (Sequence) Tj ETQq1 1 0784314 rgBT /Overlock 10 | 0.8 | 3 |
| 12 | Complete Genome Sequence of Salmonella enterica Serovar Typhimurium Strain YU15 (Sequence Type) Tj ETQq0 0 0 rgBT /Overlock 10 2016, 4, . | 0.8 | 4 |
| 13 | A multi-drug resistant Salmonella Typhimurium ST213 human-invasive strain (33676) containing the bla _{CMY-2} gene on an IncF plasmid is attenuated for virulence in BALB/c mice. BMC Microbiology, 2016, 16, 18. | 1.3 | 13 |
| 14 | Complete Genome Sequence of a Human-Invasive Salmonella enterica Serovar Typhimurium Strain of the Emerging Sequence Type 213 Harboring a Multidrug Resistance IncA/C Plasmid and a bla _{CMY-2} -Carrying IncF Plasmid. Genome Announcements, 2015, 3, . | 0.8 | 8 |
| 15 | The two-component system CpxR/A represses the expression of Salmonella virulence genes by affecting the stability of the transcriptional regulator Hild. Frontiers in Microbiology, 2015, 6, 807. | 1.5 | 40 |
| 16 | Deletion analysis of RcsC reveals a novel signalling pathway controlling poly-N-acetylglucosamine synthesis and biofilm formation in Escherichia coli. Microbiology (United Kingdom), 2015, 161, 903-913. | 0.7 | 9 |
| 17 | Complete Genome Sequencing of a Multidrug-Resistant and Human-Invasive Salmonella enterica Serovar Typhimurium Strain of the Emerging Sequence Type 213 Genotype. Genome Announcements, 2015, 3, . | 0.8 | 14 |
| 18 | IS200 and multilocus sequence typing for the identification of Salmonella enterica serovar Typhi strains from Indonesia. International Microbiology, 2015, 18, 99-104. | 1.1 | 6 |

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|----|---|-----|-----------|
| 19 | The <i>Salmonella enterica</i> Serovar Typhi LeuO Global Regulator Forms Tetramers: Residues Involved in Oligomerization, DNA Binding, and Transcriptional Regulation. <i>Journal of Bacteriology</i> , 2014, 196, 2143-2154. | 1.0 | 22 |
| 20 | The Subtleties and Contrasts of the LeuO Regulator in <i>Salmonella</i> Typhi: Implications in the Immune Response. <i>Frontiers in Immunology</i> , 2014, 5, 581. | 2.2 | 11 |
| 21 | LeuO, a dormant sentinel for SPI-1?. <i>Molecular Microbiology</i> , 2014, 91, 1054-1056. | 1.2 | 1 |
| 22 | The <i>Salmonella enterica</i> serovar Typhi <i>ompR</i> , <i>ompC</i> , and <i>ompF</i> genes are involved in resistance to the bile salt sodium deoxycholate and in bacterial transformation. <i>Molecular Microbiology</i> , 2014, 92, 1005-1024. | 1.2 | 27 |
| 23 | OmpR phosphorylation regulates ompS1 expression by differentially controlling the use of promoters. <i>Microbiology (United Kingdom)</i> , 2014, 160, 733-741. | 0.7 | 7 |
| 24 | One Health and Food-Borne Disease: <i>Salmonella</i> Transmission between Humans, Animals, and Plants. <i>Microbiology Spectrum</i> , 2014, 2, OH-0020-2013. | 1.2 | 78 |
| 25 | Participation of the <i>Salmonella</i> OmpD Porin in the Infection of RAW264.7 Macrophages and BALB/c Mice. <i>PLoS ONE</i> , 2014, 9, e111062. | 1.1 | 24 |
| 26 | <i>Salmonella</i> Typhi OmpS1 and OmpS2 porins are potent protective immunogens with adjuvant properties. <i>Immunology</i> , 2013, 139, 459-471. | 2.0 | 36 |
| 27 | Conjugative transfer of an IncA/C plasmid-borne bla _{CMY-2} gene through genetic re-arrangements with an IncX1 plasmid. <i>BMC Microbiology</i> , 2013, 13, 264. | 1.3 | 20 |
| 28 | Multilocus Sequence Typing as a Replacement for Serotyping in <i>Salmonella enterica</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002776. | 2.1 | 574 |
| 29 | Transcriptional Regulation of the <i>assT</i> - <i>dsbL</i> - <i>dsbI</i> Gene Cluster in <i>Salmonella enterica</i> Serovar Typhi IMSS-1 Depends on LeuO, H-NS, and Specific Growth Conditions. <i>Journal of Bacteriology</i> , 2012, 194, 2254-2264. | 1.0 | 12 |
| 30 | The coming of age of the LeuO regulator. <i>Molecular Microbiology</i> , 2012, 85, 1026-1028. | 1.2 | 26 |
| 31 | <i>Salmonella</i> Typhimurium ST213 is associated with two types of IncA/C plasmids carrying multiple resistance determinants. <i>BMC Microbiology</i> , 2011, 11, 9. | 1.3 | 25 |
| 32 | The CRISPR/Cas Immune System Is an Operon Regulated by LeuO, H-NS, and Leucine-Responsive Regulatory Protein in <i>Salmonella enterica</i> Serovar Typhi. <i>Journal of Bacteriology</i> , 2011, 193, 2396-2407. | 1.0 | 100 |
| 33 | The Complexities of Porin Genetic Regulation. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2010, 18, 24-36. | 1.0 | 51 |
| 34 | Purification of MBP-EnvZ Fusion Proteins Using an Automated System. <i>Methods in Enzymology</i> , 2010, 471, 77-87. | 0.4 | 0 |
| 35 | Association of virulence plasmid and antibiotic resistance determinants with chromosomal multilocus genotypes in Mexican <i>Salmonella enterica</i> serovar Typhimurium strains. <i>BMC Microbiology</i> , 2009, 9, 131. | 1.3 | 59 |
| 36 | The cysteine 354 and 277 residues of <i>Salmonella enterica</i> serovar Typhi EnvZ are determinants of autophosphorylation and OmpR phosphorylation. <i>FEMS Microbiology Letters</i> , 2009, 292, 282-290. | 0.7 | 11 |

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|----|--|-----|-----------|
| 37 | The DNA static curvature has a role in the regulation of the ompS1 porin gene in Salmonella enterica serovar Typhi. Microbiology (United Kingdom), 2009, 155, 2127-2136. | 0.7 | 12 |
| 38 | The LysR-Type Transcriptional Regulator LeuO Controls Expression of Several Genes in Salmonella enterica Serovar Typhi. Journal of Bacteriology, 2008, 190, 1658-1670. | 1.0 | 80 |
| 39 | Functional Characterization of the Sinorhizobium meliloti Acetate Metabolism Genes aceA, SMc00767, and glcB. Journal of Bacteriology, 2007, 189, 5875-5884. | 1.0 | 14 |
| 40 | LeuO antagonizes HNS and StpA-dependent repression in Salmonella enterica ompS1. Molecular Microbiology, 2007, 66, 727-743. | 1.2 | 92 |
| 41 | Salmonella porins induce a sustained, lifelong specific bactericidal antibody memory response. Immunology, 2006, 117, 59-70. | 2.0 | 74 |
| 42 | Two-Component Signal Transduction Systems, Environmental Signals, and Virulence. Microbial Ecology, 2006, 51, 166-176. | 1.4 | 64 |
| 43 | Urban dust fecal pollution in Mexico City: Antibiotic resistance and virulence factors of Escherichia coli. International Journal of Hygiene and Environmental Health, 2006, 209, 461-470. | 2.1 | 19 |
| 44 | Salmonella enterica Serovar Typhimurium ompS1 and ompS2 Mutants Are Attenuated for Virulence in Mice. Infection and Immunity, 2006, 74, 1398-1402. | 1.0 | 40 |
| 45 | OmpR and LeuO Positively Regulate the Salmonella enterica Serovar Typhi ompS2 Porin Gene. Journal of Bacteriology, 2004, 186, 2909-2920. | 1.0 | 55 |
| 46 | Negative Osmoregulation of the Salmonella ompS1 Porin Gene Independently of OmpR in an hns Background. Journal of Bacteriology, 2003, 185, 6497-6506. | 1.0 | 25 |
| 47 | Transcriptional regulation of type III secretion genes in enteropathogenic Escherichia coli: Ler antagonizes HNS-dependent repression. Molecular Microbiology, 2001, 39, 664-678. | 1.2 | 214 |
| 48 | Transcriptional Regulation of the orf19 Gene and the tir-cesT-ae Operon of Enteropathogenic Escherichia coli. Journal of Bacteriology, 2001, 183, 2823-2833. | 1.0 | 102 |
| 49 | Negative and positive regulation of the non-osmoregulated ompS1 porin gene in Salmonella typhi : a novel regulatory mechanism that involves OmpR. Molecular Microbiology, 1999, 32, 243-252. | 1.2 | 32 |
| 50 | Autoactivation and environmental regulation of bfpT expression, the gene coding for the transcriptional activator of bfpA in enteropathogenic Escherichia coli. Molecular Microbiology, 1999, 33, 153-166. | 1.2 | 74 |
| 51 | The ompB Operon Partially Determines Differential Expression of OmpC in Salmonella typhi and Escherichia coli. Journal of Bacteriology, 1999, 181, 556-562. | 1.0 | 37 |
| 52 | A distinctive IS200 insertion between the gyrA and rcsC genes in Salmonella typhi. Medical Journal of Indonesia, 1998, 7, 175. | 0.2 | 0 |
| 53 | Analysis of cis-Acting Elements Required for bfpA Expression in Enteropathogenic Escherichia coli. Journal of Bacteriology, 1998, 180, 3013-3016. | 1.0 | 24 |
| 54 | Escherichia coli in settled-dust and air samples collected in residential environments in Mexico City. Applied and Environmental Microbiology, 1997, 63, 4093-4095. | 1.4 | 38 |

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|----|---|-----|-----------|
| 55 | Distinctive IS200 insertion between <i>gyrA</i> and <i>rscC</i> genes in <i>Salmonella typhi</i> . <i>Journal of Clinical Microbiology</i> , 1997, 35, 3048-3053. | 1.8 | 11 |
| 56 | The <i>Salmonella ompC</i> gene: Structure and use as a carrier for heterologous sequences. <i>Gene</i> , 1995, 156, 1-9. | 1.0 | 53 |
| 57 | Isolation and characterization of <i>ompS1</i> , a novel <i>Salmonella typhi</i> outer membrane protein-encoding gene. <i>Gene</i> , 1995, 158, 67-72. | 1.0 | 28 |
| 58 | Identification of <i>Campylobacter jejuni</i> and <i>C. coli</i> using the <i>rpoB</i> gene and a cryptic DNA fragment from <i>C. jejuni</i> . <i>Gene</i> , 1995, 165, 1-8. | 1.0 | 8 |
| 59 | Partial deletion of the <i>Rhizobium phaseoli</i> CFN23 symbiotic plasmid implies a concomitant amplification of plasmid DNA sequences. <i>Molecular Microbiology</i> , 1991, 5, 89-95. | 1.2 | 2 |
| 60 | Expression of <i>Salmonella typhi</i> and <i>Escherichia coli</i> <i>OmpC</i> is influenced differently by medium osmolarity; dependence on <i>Escherichia coli</i> <i>OmpR</i> . <i>Molecular Microbiology</i> , 1991, 5, 1205-1210. | 1.2 | 62 |
| 61 | <i>Campylobacter jejuni</i> chromosomal sequences that hybridize to <i>Vibrio cholerae</i> and <i>Escherichia coli</i> . <i>Gene</i> , 1989, 75, 243-251. | 1.0 | 31 |
| 62 | Comparative analysis of the <i>Salmonella typhi</i> and <i>Escherichia coli ompC</i> genes. <i>Gene</i> , 1989, 83, 197-206. | 1.0 | 51 |
| 63 | Research opportunities in typhoid fever: Epidemiology and molecular biology. <i>BioEssays</i> , 1988, 9, 173-177. | 1.2 | 14 |
| 64 | Molecular cloning of a <i>Salmonella typhi</i> LT-like enterotoxin gene. <i>Molecular Microbiology</i> , 1988, 2, 821-825. | 1.2 | 16 |
| 65 | Isolation of an <i>ompC</i> -like outer membrane protein gene from <i>Salmonella typhi</i> . <i>Gene</i> , 1987, 61, 75-83. | 1.0 | 39 |
| 66 | Cloning of a DNA sequence that complements glutamine auxotrophy in <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1985, 36, 123-129. | 1.0 | 9 |
| 67 | In Vitro transcription from the <i>b2</i> region of bacteriophage ϕ 201. <i>Virology</i> , 1980, 107, 476-487. | 1.1 | 14 |
| 68 | Novel Porin genes and modes of Porin regulation in <i>Salmonella typhi</i> . <i>Medical Journal of Indonesia</i> , 0, 7, 25. | 0.2 | 0 |
| 69 | Country report: Typhoid fever and other Salmonellosis in Mexico. <i>Medical Journal of Indonesia</i> , 0, 7, 17. | 0.2 | 0 |
| 70 | One Health and Food-Borne Disease: <i>Salmonella</i> Transmission between Humans, Animals, and Plants. <i>Medical Journal of Indonesia</i> , 0, 7, 137-148. | | 7 |