

Monica Cartelle Gestal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1157167/publications.pdf>

Version: 2024-02-01

44
papers

1,546
citations

394421

19
h-index

315739

38
g-index

46
all docs

46
docs citations

46
times ranked

2325
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Bbvac: A Live Vaccine Candidate That Provides Long-Lasting Anamnestic and Th17-Mediated Immunity against the Three Classical <i>Bordetella</i> spp.. <i>MSphere</i> , 2022, 7, e0089221. | 2.9 | 9 |
| 2 | Eosinophils and Bacteria, the Beginning of a Story. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8004. | 4.1 | 18 |
| 3 | Modeling Immune Evasion and Vaccine Limitations by Targeted Nasopharyngeal <i>Bordetella pertussis</i> Inoculation in Mice. <i>Emerging Infectious Diseases</i> , 2021, 27, 2107-2116. | 4.3 | 9 |
| 4 | Disrupting <i>Bordetella</i> Immunosuppression Reveals a Role for Eosinophils in Coordinating the Adaptive Immune Response in the Respiratory Tract. <i>Microorganisms</i> , 2020, 8, 1808. | 3.6 | 13 |
| 5 | Fosfomycin, Applying Known Methods and Remedies to A New Era. <i>Diseases (Basel, Switzerland)</i> , 2020, 8, 31. | 2.5 | 1 |
| 6 | â€œNETs and EETs, a Whole Web of Messâ€ Microorganisms, 2020, 8, 1925. | 3.6 | 16 |
| 7 | OXA-48 Carbapenemase in <i>Klebsiella pneumoniae</i> Sequence Type 307 in Ecuador. <i>Microorganisms</i> , 2020, 8, 435. | 3.6 | 4 |
| 8 | Use of Biopolymers in Mucosally-Administered Vaccinations for Respiratory Disease. <i>Materials</i> , 2019, 12, 2445. | 2.9 | 21 |
| 9 | Applications of Nanodiamonds in the Detection and Therapy of Infectious Diseases. <i>Materials</i> , 2019, 12, 1639. | 2.9 | 29 |
| 10 | <i>Bordetella bronchiseptica</i> Diguanylate Cyclase BdcA Regulates Motility and Is Important for the Establishment of Respiratory Infection in Mice. <i>Journal of Bacteriology</i> , 2019, 201, . | 2.2 | 6 |
| 11 | Computational Health Engineering Applied to Model Infectious Diseases and Antimicrobial Resistance Spread. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2486. | 2.5 | 14 |
| 12 | A model of chronic, transmissible Otitis Media in mice. <i>PLoS Pathogens</i> , 2019, 15, e1007696. | 4.7 | 18 |
| 13 | Enhancement of immune response against <i>Bordetella</i> spp. by disrupting immunomodulation. <i>Scientific Reports</i> , 2019, 9, 20261. | 3.3 | 22 |
| 14 | Immunomodulation as a Novel Strategy for Prevention and Treatment of <i>Bordetella</i> spp. Infections. <i>Frontiers in Immunology</i> , 2019, 10, 2869. | 4.8 | 10 |
| 15 | Novel Therapeutic Strategies Applied to <i>Pseudomonas aeruginosa</i> Infections in Cystic Fibrosis. <i>Materials</i> , 2019, 12, 4093. | 2.9 | 15 |
| 16 | Integrated Signaling Pathways Mediate <i>Bordetella</i> Immunomodulation, Persistence, and Transmission. <i>Trends in Microbiology</i> , 2019, 27, 118-130. | 7.7 | 20 |
| 17 | Biomedical Engineering International joins the Family of Platinum Open Access Journals. <i>Biomedical Engineering International</i> , 2019, 1, 1-1. | 0.5 | 0 |
| 18 | High Prevalence of CTX-M-1-Like Enzymes in Urinary Isolates of <i>Escherichia coli</i> in Guayaquil, Ecuador. <i>Microbial Drug Resistance</i> , 2018, 24, 393-402. | 2.0 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Nanocoatings for Chronic Wound Repair—Modulation of Microbial Colonization and Biofilm Formation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1179. | 4.1 | 90 |
| 20 | Blood or Serum Exposure Induce Global Transcriptional Changes, Altered Antigenic Profile, and Increased Cytotoxicity by Classical <i>Bordetella</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1969. | 3.5 | 17 |
| 21 | Development of macrolide resistance in <i>Bordetella bronchiseptica</i> is associated with the loss of virulence. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2797-2805. | 3.0 | 9 |
| 22 | Advanced Nanobiomaterials: Vaccines, Diagnosis and Treatment of Infectious Diseases. <i>Molecules</i> , 2016, 21, 867. | 3.8 | 92 |
| 23 | Methods of Synthesis, Properties and Biomedical Applications of CuO Nanoparticles. <i>Pharmaceuticals</i> , 2016, 9, 75. | 3.8 | 257 |
| 24 | Characterization of a small outbreak of <i>Salmonella enterica</i> serovar <i>Infantis</i> that harbour CTX-M-65 in Ecuador. <i>Brazilian Journal of Infectious Diseases</i> , 2016, 20, 406-407. | 0.6 | 47 |
| 25 | Panniculitis caused by <i>Mycobacterium monacense</i> mimicking erythema induratum: a case in Ecuador. <i>New Microbes and New Infections</i> , 2016, 10, 112-115. | 1.6 | 4 |
| 26 | Control of biofilm-associated infections by signaling molecules and nanoparticles. <i>International Journal of Pharmaceutics</i> , 2016, 510, 409-418. | 5.2 | 30 |
| 27 | Early detection and control of an <i>Acinetobacter baumannii</i> multi-resistant outbreak in a hospital in Quito, Ecuador. <i>Journal of Infection in Developing Countries</i> , 2016, 10, 1294-1298. | 1.2 | 5 |
| 28 | First case of NDM-1-producing <i>Providencia rettgeri</i> in Ecuador. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 302-303. | 2.2 | 10 |
| 29 | Epidemiology of Tropical Neglected Diseases in Ecuador in the Last 20 Years. <i>PLoS ONE</i> , 2015, 10, e0138311. | 2.5 | 21 |
| 30 | Nanostructured Bioactive Polymers Used in Food-Packaging. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 121-127. | 1.6 | 6 |
| 31 | New Molecular Strategies for Reducing Implantable Medical Devices Associated Infections. <i>Current Medicinal Chemistry</i> , 2014, 21, 3375-3382. | 2.4 | 21 |
| 32 | Biocompatible Fe ₃ O ₄ Increases the Efficacy of Amoxicillin Delivery against Gram-Positive and Gram-Negative Bacteria. <i>Molecules</i> , 2014, 19, 5013-5027. | 3.8 | 59 |
| 33 | Novel Drug Delivery Magnetite Nano-systems Used in Antimicrobial Therapy. <i>Current Organic Chemistry</i> , 2014, 18, 185-191. | 1.6 | 19 |
| 34 | DNA Fragmentation in Microorganisms Assessed In Situ. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5925-5933. | 3.1 | 42 |
| 35 | Structure-function studies of arginine at position 276 in CTX-M β -lactamases. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 792-797. | 3.0 | 23 |
| 36 | Interspecies spread of CTX-M-32 extended-spectrum β -lactamase and the role of the insertion sequence IS1 in down-regulating bla _{CTX-M} gene expression. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 59, 841-847. | 3.0 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Characterisation of the first CTX-M-10-producing isolate of <i>Salmonella enterica</i> serotype Virchow. <i>Clinical Microbiology and Infection</i> , 2006, 12, 285-287. | 6.0 | 6 |
| 38 | Hospital outbreak caused by a carbapenem-resistant strain of <i>Acinetobacter baumannii</i> : patient prognosis and risk-factors for colonisation and infection. <i>Clinical Microbiology and Infection</i> , 2005, 11, 540-546. | 6.0 | 127 |
| 39 | Evaluation of Group B <i>Streptococcus</i> Differential Agar for detection and isolation of <i>Streptococcus agalactiae</i> . <i>Clinical Microbiology and Infection</i> , 2005, 11, 676-678. | 6.0 | 10 |
| 40 | Evaluation of different methods for detecting methicillin (oxacillin) resistance in <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 379-382. | 3.0 | 135 |
| 41 | Risk Factors for Colonization and Infection in a Hospital Outbreak Caused by a Strain of <i>Klebsiella pneumoniae</i> with Reduced Susceptibility to Expanded-Spectrum Cephalosporins. <i>Journal of Clinical Microbiology</i> , 2004, 42, 4242-4249. | 3.9 | 44 |
| 42 | High-Level Resistance to Ceftazidime Conferred by a Novel Enzyme, CTX-M-32, Derived from CTX-M-1 through a Single Asp240-Gly Substitution. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 2308-2313. | 3.2 | 78 |
| 43 | Lack of correlation between phenotypic techniques and PCR-based genotypic methods for identification of <i>Enterococcus</i> spp.. <i>Diagnostic Microbiology and Infectious Disease</i> , 2004, 49, 151-156. | 1.8 | 28 |
| 44 | Identification and Broad Dissemination of the CTX-M-14 β -Lactamase in Different <i>Escherichia coli</i> Strains in the Northwest Area of Spain. <i>Journal of Clinical Microbiology</i> , 2002, 40, 4030-4036. | 3.9 | 97 |