# Catherine Daniel

List of Publications by Year
in descending order

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|---|---|---|---|
| 37 papers | 1,964 citations | 304743 22 h-index | 361022 35 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 2658 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Persistence and dynamics of fluorescent Lactobacillus plantarum in the healthy versus inflamed gut. Gut Microbes, 2021, 13, 1-16. | 9.8 | 9 |
| 2 | Assessment of Pb(II), Cd(II), and Al(III) Removal Capacity of Bacteria from Food and Gut Ecological Niches: Insights into Biodiversity to Limit Intestinal Biodisponibility of Toxic Metals. Microorganisms, 2021, 9, 456. | 3.6 | 27 |
| 3 | Adherent-Invasive and Non-Invasive Escherichia coli Isolates Differ in Their Effects on Caenorhabditis elegansâ€™ Lifespan. Microorganisms, 2021, 9, 1823. | 3.6 | 5 |
| 4 | Highâ€dose dietary supplementation with zinc prevents gut inflammation: Investigation of the role of metallothioneins and beyond by transcriptomic and metagenomic studies. FASEB Journal, 2020, 34, 12615-12633. | 0.5 | 20 |
| 5 | Polymorphism in the Yersinia LcrV Antigen Enables Immune Escape From the Protection Conferred by an LcrV-Secreting Lactococcus Lactis in a Pseudotuberculosis Mouse Model. Frontiers in Immunology, 2019, 10, 1830. | 4.8 | 21 |
| 6 | Contribution of the Gut Microbiota in P28GST-Mediated Anti-Inflammatory Effects: Experimental and Clinical Insights. Cells, 2019, 8, 577. | 4.1 | 11 |
| 7 | E. coli Nissle 1917 is a safe mucosal delivery vector for a birch-grass pollen chimera to prevent allergic poly-sensitization. Mucosal Immunology, 2019, 12, 132-144. | 6.0 | 28 |
| 8 | L. plantarum WCFS1 enhances Treg frequencies by activating DCs even in absence of sampling of bacteria in the Peyer Patches. Scientific Reports, 2018, 8, 1785. | 3.3 | 17 |
| 9 | Drosophila Perpetuates Nutritional Mutualism by Promoting the Fitness of Its Intestinal Symbiont Lactobacillus plantarum. Cell Metabolism, 2018, 27, 362-377.e8. | 16.2 | 114 |
| 10 | Occurrence and Dynamism of Lactic Acid Bacteria in Distinct Ecological Niches: A Multifaceted Functional Health Perspective. Frontiers in Microbiology, 2018, 9, 2899. | 3.5 | 112 |
| 11 | Snapshot on a Pilot Metagenomic Study for the Appraisal of Gut Microbial Diversity in Mice, Cat, and Man. Gastroenterology Research and Practice, 2016, 2016, 1-7. | 1.5 | 1 |
| 12 | Characterization of the protective immune response to Yersinia pseudotuberculosis infection in mice vaccinated with an LcrV-secreting strain of Lactococcus lactis. Vaccine, 2016, 34, 5762-5767. | 3.8 | 11 |
| 13 | Does oral exposure to cadmium and lead mediate susceptibility to colitis? The dark-and-bright sides of heavy metals in gut ecology. Scientific Reports, 2016, 6, 19200. | 3.3 | 46 |
| 14 | Dual-Color Bioluminescence Imaging for Simultaneous Monitoring of the Intestinal Persistence of Lactobacillus plantarum and Lactococcus lactis in Living Mice. Applied and Environmental Microbiology, 2015, 81, 5344-5349. | 3.1 | 23 |
| 15 | Maintaining gut ecosystems for health: Are transitory food bugs stowaways or part of the crew?. International Journal of Food Microbiology, 2015, 213, 139-143. | 4.7 | 30 |
| 16 | Anti-Inflammatory Properties of Streptococcus salivarius, a Commensal Bacterium of the Oral Cavity and Digestive Tract. Applied and Environmental Microbiology, 2014, 80, 928-934. | 3.1 | 151 |
| 17 | Gut microbiota limits heavy metals burden caused by chronic oral exposure. Toxicology Letters, 2013, 222, 132-138. | 0.8 | 153 |
| 18 | Probiotics from research to market: the possibilities, risks and challenges. Current Opinion in Microbiology, 2013, 16, 284-292. | 5.1 | 154 |

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|---|---|---|---|
| 19 | Chronic ingestion of cadmium and lead alters the bioavailability of essential and heavy metals, gene expression pathways and genotoxicity in mouse intestine. Archives of Toxicology, 2013, 87, 1787-1795. | 4.2 | 87 |
| 20 | Bioluminescence Imaging Study of Spatial and Temporal Persistence of Lactobacillus plantarum and Lactococcus lactis in Living Mice. Applied and Environmental Microbiology, 2013, 79, 1086-1094. | 3.1 | 49 |
| 21 | Understanding Immunomodulatory Effects of Probiotics. Nestle Nutrition Institute Workshop Series, 2013, 77, 75-90. | 0.1 | 2 |
| 22 | Neonatal colonization of mice with Lactobacillus plantarum producing the aeroallergen Bet v 1 biases towards Th1 and T-regulatory responses upon systemic sensitization. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 368-375. | 5.7 | 43 |
| 23 | Recombinant lactic acid bacteria as mucosal biotherapeutic agents. Trends in Biotechnology, 2011, 29, 499-508. | 9.3 | 79 |
| 24 | Immunomodulatory properties of Lactobacillus plantarum and its use as a recombinant vaccine against mite allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 406-414. | 5.7 | 72 |
| 25 | Protection against Yersinia pseudotuberculosis infection conferred by a Lactococcus lactis mucosal delivery vector secreting LcrV. Vaccine, 2009, 27, 1141-1144. | 3.8 | 53 |
| 26 | Therapeutic Potential of Yersinia Anti-Inflammatory Components. Advances in Experimental Medicine and Biology, 2007, 603, 361-366. | 1.6 | 0 |
| 27 | Prevention and Treatment of Colitis With Lactococcus lactis Secreting the Immunomodulatory Yersinia LcrV Protein. Gastroenterology, 2007, 133, 862-874. | 1.3 | 108 |
| 28 | The European LABDEL project and its relevance to the prevention and treatment of allergies. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 1237-1242. | 5.7 | 18 |
| 29 | Immunomodulatory Properties of Recombinant Lactic Acid Bacteria Encoding a Major House-dust Mite Allergen. Journal of Allergy and Clinical Immunology, 2006, 117, S220. | 2.9 | 1 |
| 30 | Modulation of allergic immune responses by mucosal application of recombinant lactic acid bacteria producing the major birch pollen allergen Bet v 1. Allergy: European Journal of Allergy and Clinical Immunology, 2006, 61, 812-819. | 5.7 | 101 |
| 31 | Selecting Lactic Acid Bacteria for Their Safety and Functionality by Use of a Mouse Colitis Model. Applied and Environmental Microbiology, 2006, 72, 5799-5805. | 3.1 | 110 |
| 32 | Potential and Opportunities for Use of Recombinant Lactic Acid Bacteria in Human Health. Advances in Applied Microbiology, 2004, 56, 1-64. | 2.4 | 67 |
| 33 | Mucosal co-application of lactic acid bacteria and allergen induces counter-regulatory immune responses in a murine model of birch pollen allergy. Vaccine, 2003, 22, 87-95. | 3.8 | 114 |
| 34 | Ammonia Switch-Off of Nitrogen Fixation in the Methanogenic Archaeon Methanococcus maripaludis : Mechanistic Features and Requirement for the Novel GlnB Homologues, NifI 1 and NifI 2. Journal of Bacteriology, 2001, 183, 882-889. | 2.2 | 87 |
| 35 | Characterization of theAcinetobacter baumanniiFur regulator: cloning and sequencing of thefurhomolog gene. FEMS Microbiology Letters, 1999, 170, 199-209. | 1.8 | 37 |
| 36 | Effects of Host Iron Transport Compounds on Growth Kinetics and Outer-Membrane Protein Expression ofBilophila wadsworthia. Anaerobe, 1998, 4, 103-109. | 2.1 | 0 |

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|---|---|---|---|
| 37 | Effect of Iron Depletion on Protein Profiles of Bilophila wadsworthia. Clinical Infectious Diseases, 1995, 20, S158-S159. | 5.8 | 3 |