

# Catherine Daniel

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,964  
citations

304602

22  
h-index

360920

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probiotics from research to market: the possibilities, risks and challenges. <i>Current Opinion in Microbiology</i> , 2013, 16, 284-292.	2.3	154
2	Gut microbiota limits heavy metals burden caused by chronic oral exposure. <i>Toxicology Letters</i> , 2013, 222, 132-138.	0.4	153
3	Anti-Inflammatory Properties of <i>Streptococcus salivarius</i> , a Commensal Bacterium of the Oral Cavity and Digestive Tract. <i>Applied and Environmental Microbiology</i> , 2014, 80, 928-934.	1.4	151
4	Mucosal co-application of lactic acid bacteria and allergen induces counter-regulatory immune responses in a murine model of birch pollen allergy. <i>Vaccine</i> , 2003, 22, 87-95.	1.7	114
5	<i>Drosophila</i> Perpetuates Nutritional Mutualism by Promoting the Fitness of Its Intestinal Symbiont <i>Lactobacillus plantarum</i> . <i>Cell Metabolism</i> , 2018, 27, 362-377.e8.	7.2	114
6	Occurrence and Dynamism of Lactic Acid Bacteria in Distinct Ecological Niches: A Multifaceted Functional Health Perspective. <i>Frontiers in Microbiology</i> , 2018, 9, 2899.	1.5	112
7	Selecting Lactic Acid Bacteria for Their Safety and Functionality by Use of a Mouse Colitis Model. <i>Applied and Environmental Microbiology</i> , 2006, 72, 5799-5805.	1.4	110
8	Prevention and Treatment of Colitis With <i>Lactococcus lactis</i> Secreting the Immunomodulatory Yersinia LcrV Protein. <i>Gastroenterology</i> , 2007, 133, 862-874.	0.6	108
9	Modulation of allergic immune responses by mucosal application of recombinant lactic acid bacteria producing the major birch pollen allergen Bet v 1. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 812-819.	2.7	101
10	Ammonia Switch-Off of Nitrogen Fixation in the Methanogenic Archaeon <i>Methanococcus maripaludis</i> : Mechanistic Features and Requirement for the Novel GlnB Homologues, Nifl 1 and Nifl 2. <i>Journal of Bacteriology</i> , 2001, 183, 882-889.	1.0	87
11	Chronic ingestion of cadmium and lead alters the bioavailability of essential and heavy metals, gene expression pathways and genotoxicity in mouse intestine. <i>Archives of Toxicology</i> , 2013, 87, 1787-1795.	1.9	87
12	Recombinant lactic acid bacteria as mucosal biotherapeutic agents. <i>Trends in Biotechnology</i> , 2011, 29, 499-508.	4.9	79
13	Immunomodulatory properties of <i>Lactobacillus plantarum</i> and its use as a recombinant vaccine against mite allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009, 64, 406-414.	2.7	72
14	Potential and Opportunities for Use of Recombinant Lactic Acid Bacteria in Human Health. <i>Advances in Applied Microbiology</i> , 2004, 56, 1-64.	1.3	67
15	Protection against <i>Yersinia pseudotuberculosis</i> infection conferred by a <i>Lactococcus lactis</i> mucosal delivery vector secreting LcrV. <i>Vaccine</i> , 2009, 27, 1141-1144.	1.7	53
16	Bioluminescence Imaging Study of Spatial and Temporal Persistence of <i>Lactobacillus plantarum</i> and <i>Lactococcus lactis</i> in Living Mice. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1086-1094.	1.4	49
17	Does oral exposure to cadmium and lead mediate susceptibility to colitis? The dark-and-bright sides of heavy metals in gut ecology. <i>Scientific Reports</i> , 2016, 6, 19200.	1.6	46
18	Neonatal colonization of mice with <i>Lactobacillus plantarum</i> producing the aeroallergen Bet v 1 biases towards Th1 and T-regulatory responses upon systemic sensitization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 368-375.	2.7	43

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19	Characterization of the <i>Acinetobacter baumannii</i> Fur regulator: cloning and sequencing of the fur homolog gene. <i>FEMS Microbiology Letters</i> , 1999, 170, 199-209.	0.7	37
20	Maintaining gut ecosystems for health: Are transitory food bugs stowaways or part of the crew?. <i>International Journal of Food Microbiology</i> , 2015, 213, 139-143.	2.1	30
21	<i>E. coli</i> Nissle 1917 is a safe mucosal delivery vector for a birch-grass pollen chimera to prevent allergic poly-sensitization. <i>Mucosal Immunology</i> , 2019, 12, 132-144.	2.7	28
22	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 Bioavailability of Toxic Metals. <i>Microorganisms</i> , 2021, 9, 456.	1.6	27
23	Dual-Color Bioluminescence Imaging for Simultaneous Monitoring of the Intestinal Persistence of <i>Lactobacillus plantarum</i> and <i>Lactococcus lactis</i> in Living Mice. <i>Applied and Environmental Microbiology</i> , 2015, 81, 5344-5349.	1.4	23
24	Polymorphism in the <i>Yersinia</i> LcrV Antigen Enables Immune Escape From the Protection Conferred by an LcrV-Secreting <i>Lactococcus Lactis</i> in a Pseudotuberculosis Mouse Model. <i>Frontiers in Immunology</i> , 2019, 10, 1830.	2.2	21
25	High-dose dietary supplementation with zinc prevents gut inflammation: Investigation of the role of metallothioneins and beyond by transcriptomic and metagenomic studies. <i>FASEB Journal</i> , 2020, 34, 12615-12633.	0.2	20
26	The European LABDEL project and its relevance to the prevention and treatment of allergies. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007, 62, 1237-1242.	2.7	18
27	<i>L. plantarum</i> WCFS1 enhances Treg frequencies by activating DCs even in absence of sampling of bacteria in the Peyer Patches. <i>Scientific Reports</i> , 2018, 8, 1785.	1.6	17
28	Characterization of the protective immune response to <i>Yersinia pseudotuberculosis</i> infection in mice vaccinated with an LcrV-secreting strain of <i>Lactococcus lactis</i> . <i>Vaccine</i> , 2016, 34, 5762-5767.	1.7	11
29	Contribution of the Gut Microbiota in P28GST-Mediated Anti-Inflammatory Effects: Experimental and Clinical Insights. <i>Cells</i> , 2019, 8, 577.	1.8	11
30	Persistence and dynamics of fluorescent <i>Lactobacillus plantarum</i> in the healthy versus inflamed gut. <i>Gut Microbes</i> , 2021, 13, 1-16.	4.3	9
31	Adherent-Invasive and Non-Invasive <i>Escherichia coli</i> Isolates Differ in Their Effects on <i>Caenorhabditis elegans</i> Lifespan. <i>Microorganisms</i> , 2021, 9, 1823.	1.6	5
32	Effect of Iron Depletion on Protein Profiles of <i>Bilophila wadsworthia</i> . <i>Clinical Infectious Diseases</i> , 1995, 20, S158-S159.	2.9	3
33	Understanding Immunomodulatory Effects of Probiotics. <i>Nestle Nutrition Institute Workshop Series</i> , 2013, 77, 75-90.	1.5	2
34	Immunomodulatory Properties of Recombinant Lactic Acid Bacteria Encoding a Major House-dust Mite Allergen. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, S220.	1.5	1
35	Snapshot on a Pilot Metagenomic Study for the Appraisal of Gut Microbial Diversity in Mice, Cat, and Man. <i>Gastroenterology Research and Practice</i> , 2016, 2016, 1-7.	0.7	1
36	Effects of Host Iron Transport Compounds on Growth Kinetics and Outer-Membrane Protein Expression of <i>Bilophila wadsworthia</i> . <i>Anaerobe</i> , 1998, 4, 103-109.	1.0	0

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37	Therapeutic Potential of Yersinia Anti-Inflammatory Components. <i>Advances in Experimental Medicine and Biology</i> , 2007, 603, 361-366.	0.8	0