Catherine Daniel

List of Publications by Year
in descending order

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	Persistence and dynamics of fluorescent Lactobacillus plantarum in the healthy versus inflamed gut. Gut Microbes, 2021, 13, 1-16.	4.3	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.	1.6	27
3	Adherent-Invasive and Non-Invasive Escherichia coli Isolates Differ in Their Effects on Caenorhabditis elegansâ€™ Lifespan. Microorganisms, 2021, 9, 1823.	1.6	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.	0.2	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.	2.2	21
6	Contribution of the Gut Microbiota in P28GST-Mediated Anti-Inflammatory Effects: Experimental and Clinical Insights. Cells, 2019, 8, 577.	1.8	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.	2.7	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.	1.6	17
9	Drosophila Perpetuates Nutritional Mutualism by Promoting the Fitness of Its Intestinal Symbiont Lactobacillus plantarum. Cell Metabolism, 2018, 27, 362-377.e8.	7.2	114
10	Occurrence and Dynamism of Lactic Acid Bacteria in Distinct Ecological Niches: A Multifaceted Functional Health Perspective. Frontiers in Microbiology, 2018, 9, 2899.	1.5	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.	0.7	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.	1.7	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.	1.6	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.	1.4	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.	2.1	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.	1.4	151
17	Gut microbiota limits heavy metals burden caused by chronic oral exposure. Toxicology Letters, 2013, 222, 132-138.	0.4	153
18	Probiotics from research to market: the possibilities, risks and challenges. Current Opinion in Microbiology, 2013, 16, 284-292.	2.3	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.	1.9	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.	1.4	49
21	Understanding Immunomodulatory Effects of Probiotics. Nestle Nutrition Institute Workshop Series, 2013, 77, 75-90.	1.5	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.	2.7	43
23	Recombinant lactic acid bacteria as mucosal biotherapeutic agents. Trends in Biotechnology, 2011, 29, 499-508.	4.9	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.	2.7	72
25	Protection against Yersinia pseudotuberculosis infection conferred by a Lactococcus lactis mucosal delivery vector secreting LcrV. Vaccine, 2009, 27, 1141-1144.	1.7	53
26	Therapeutic Potential of Yersinia Anti-Inflammatory Components. Advances in Experimental Medicine and Biology, 2007, 603, 361-366.	0.8	0
27	Prevention and Treatment of Colitis With Lactococcus lactis Secreting the Immunomodulatory Yersinia LcrV Protein. Gastroenterology, 2007, 133, 862-874.	0.6	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.	2.7	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.	1.5	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.	2.7	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.	1.4	110
32	Potential and Opportunities for Use of Recombinant Lactic Acid Bacteria in Human Health. Advances in Applied Microbiology, 2004, 56, 1-64.	1.3	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.	1.7	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.	1.0	87
35	Characterization of theAcinetobacter baumanniiFur regulator: cloning and sequencing of thefurhomolog gene. FEMS Microbiology Letters, 1999, 170, 199-209.	0.7	37
36	Effects of Host Iron Transport Compounds on Growth Kinetics and Outer-Membrane Protein Expression ofBilophila wadsworthia. Anaerobe, 1998, 4, 103-109.	1.0	0

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37	Effect of Iron Depletion on Protein Profiles of Bilophila wadsworthia. Clinical Infectious Diseases, 1995, 20, S158-S159.	2.9	3