

# Luisella Spiga

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4679526/publications.pdf>

Version: 2024-02-01

15  
papers

1,385  
citations

759233

12  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision editing of the gut microbiota ameliorates colitis. <i>Nature</i> , 2018, 553, 208-211.	27.8	377
2	Microbial Respiration and Formate Oxidation as Metabolic Signatures of Inflammation-Associated Dysbiosis. <i>Cell Host and Microbe</i> , 2017, 21, 208-219.	11.0	239
3	Dysbiosis-Associated Change in Host Metabolism Generates Lactate to Support Salmonella Growth. <i>Cell Host and Microbe</i> , 2018, 23, 54-64.e6.	11.0	154
4	Respiration of Microbiota-Derived 1,2-propanediol Drives Salmonella Expansion during Colitis. <i>PLoS Pathogens</i> , 2017, 13, e1006129.	4.7	139
5	An Oxidative Central Metabolism Enables Salmonella to Utilize Microbiota-Derived Succinate. <i>Cell Host and Microbe</i> , 2017, 22, 291-301.e6.	11.0	124
6	Editing of the gut microbiota reduces carcinogenesis in mouse models of colitis-associated colorectal cancer. <i>Journal of Experimental Medicine</i> , 2019, 216, 2378-2393.	8.5	88
7	Xenosiderophore Utilization Promotes <i>Bacteroides thetaiotaomicron</i> Resilience during Colitis. <i>Cell Host and Microbe</i> , 2020, 27, 376-388.e8.	11.0	61
8	<i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i> Virulence Strains as Causative Agents of Persistent Infections in Breast Implants. <i>PLoS ONE</i> , 2016, 11, e0146668.	2.5	51
9	Epithelial-Derived Reactive Oxygen Species Enable AppBCX-Mediated Aerobic Respiration of <i>Escherichia coli</i> during Intestinal Inflammation. <i>Cell Host and Microbe</i> , 2020, 28, 780-788.e5.	11.0	46
10	Host-Derived Metabolites Modulate Transcription of <i>Salmonella</i> Genes Involved in Lactate Utilization during Gut Colonization. <i>Infection and Immunity</i> , 2019, 87, .	2.2	20
11	Using Enteric Pathogens to Probe the Gut Microbiota. <i>Trends in Microbiology</i> , 2019, 27, 243-253.	7.7	19
12	Lipopolysaccharides Belonging to Different <i>Salmonella</i> Serovars Are Differentially Capable of Activating Toll-Like Receptor 4. <i>Infection and Immunity</i> , 2014, 82, 4553-4562.	2.2	11
13	Transition metals and host-microbe interactions in the inflamed intestine. <i>BioMetals</i> , 2019, 32, 369-384.	4.1	10
14	Reshaping of bacterial molecular hydrogen metabolism contributes to the outgrowth of commensal <i>E. coli</i> during gut inflammation. <i>ELife</i> , 2021, 10, .	6.0	9
15	How microbiological tests reflect bacterial pathogenesis and host adaptation. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1745-1753.	2.0	1