

# Mark R Charbonneau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9524040/publications.pdf>

Version: 2024-02-01

11  
papers

2,224  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

3449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut bacteria that prevent growth impairments transmitted by microbiota from malnourished children. <i>Science</i> , 2016, 351, .	12.6	580
2	Sialylated Milk Oligosaccharides Promote Microbiota-Dependent Growth in Models of Infant Undernutrition. <i>Cell</i> , 2016, 164, 859-871.	28.9	497
3	An engineered <i>E. coli</i> Nissle improves hyperammonemia and survival in mice and shows dose-dependent exposure in healthy humans. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	242
4	A microbial perspective of human developmental biology. <i>Nature</i> , 2016, 535, 48-55.	27.8	215
5	Developing a new class of engineered live bacterial therapeutics to treat human diseases. <i>Nature Communications</i> , 2020, 11, 1738.	12.8	214
6	Childhood undernutrition, the gut microbiota, and microbiota-directed therapeutics. <i>Science</i> , 2016, 352, 1533-1533.	12.6	183
7	Cultivating Healthy Growth and Nutrition through the Gut Microbiota. <i>Cell</i> , 2015, 161, 36-48.	28.9	155
8	Safety and pharmacodynamics of an engineered <i>E. coli</i> Nissle for the treatment of phenylketonuria: a first-in-human phase 1/2a study. <i>Nature Metabolism</i> , 2021, 3, 1125-1132.	11.9	72
9	Characterization of an engineered live bacterial therapeutic for the treatment of phenylketonuria in a human gut-on-a-chip. <i>Nature Communications</i> , 2021, 12, 2805.	12.8	40
10	An engineered bacterial therapeutic lowers urinary oxalate in preclinical models and <i>in silico</i> simulations of enteric hyperoxaluria. <i>Molecular Systems Biology</i> , 2022, 18, e10539.	7.2	16
11	Development of a mechanistic model to predict synthetic biotic activity in healthy volunteers and patients with phenylketonuria. <i>Communications Biology</i> , 2021, 4, 898.	4.4	10