

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

932766

10
h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

3449
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.2	16
2	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.	5.8	40
3	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.	5.1	72
4	Development of a mechanistic model to predict synthetic biotic activity in healthy volunteers and patients with phenylketonuria. <i>Communications Biology</i> , 2021, 4, 898.	2.0	10
5	Developing a new class of engineered live bacterial therapeutics to treat human diseases. <i>Nature Communications</i> , 2020, 11, 1738.	5.8	214
6	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, .	5.8	242
7	A microbial perspective of human developmental biology. <i>Nature</i> , 2016, 535, 48-55.	13.7	215
8	Childhood undernutrition, the gut microbiota, and microbiota-directed therapeutics. <i>Science</i> , 2016, 352, 1533-1533.	6.0	183
9	Gut bacteria that prevent growth impairments transmitted by microbiota from malnourished children. <i>Science</i> , 2016, 351, .	6.0	580
10	Sialylated Milk Oligosaccharides Promote Microbiota-Dependent Growth in Models of Infant Undernutrition. <i>Cell</i> , 2016, 164, 859-871.	13.5	497
11	Cultivating Healthy Growth and Nutrition through the Gut Microbiota. <i>Cell</i> , 2015, 161, 36-48.	13.5	155