Jane A Mullaney

List of Publications by Year
in descending order

15	765	759055	1058333
papers	citations	12 h-index	14 g-index

17	17	17	1115
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacterial Polyhydroxyalkanoate Granules: Biogenesis, Structure, and Potential Use as Nano-/Micro-Beads in Biotechnological and Biomedical Applications. Biomacromolecules, 2009, 10, 660-669.	2.6	223
2	Intestinal Metaproteomics Reveals Host-Microbiota Interactions in Subjects at Risk for Type 1 Diabetes. Diabetes Care, 2018, 41, 2178-2186.	4.3	105
3	Lactic Acid Bacteria Convert Glucosinolates to Nitriles Efficiently Yet Differently from Enterobacteriaceae. Journal of Agricultural and Food Chemistry, 2013, 61, 3039-3046.	2.4	87
4	Type 1 diabetes susceptibility alleles are associated with distinct alterations in the gut microbiota. Microbiome, 2018, 6, 35.	4.9	77
5	Recombinant Escherichia coli Strain Produces a ZZ Domain Displaying Biopolyester Granules Suitable for Immunoglobulin G Purification. Applied and Environmental Microbiology, 2006, 72, 7394-7397.	1.4	60
6	Recombinant Escherichia coli produces tailor-made biopolyester granules for applications in fluorescence activated cell sorting: functional display of the mouse interleukin-2 and myelin oligodendrocyte glycoprotein. BMC Biotechnology, 2007, 7, 3.	1.7	60
7	Modulation of the microbial fermentation in the gut by fermentable carbohydrates. Bioactive Carbohydrates and Dietary Fibre, 2013, 2, 133-142.	1.5	34
8	Protein engineering towards biotechnological production of bifunctional polyester beads. Biotechnology Letters, 2009, 31, 131-137.	1.1	26
9	Infant Complementary Feeding of Prebiotics for the Microbiome and Immunity. Nutrients, 2019, 11, 364.	1.7	25
10	A reverse metabolic approach to weaning: in silico identification of immune-beneficial infant gut bacteria, mining their metabolism for prebiotic feeds and sourcing these feeds in the natural product space. Microbiome, 2018, 6, 171.	4.9	21
11	Earlyâ€life exposure to gut microbiota from diseaseâ€protected mice does not impact disease outcome in type 1 diabetes susceptible <scp>NOD</scp> mice. Immunology and Cell Biology, 2019, 97, 97-103.	1.0	15
12	Design of a single-chain multi-enzyme fusion protein establishing the polyhydroxybutyrate biosynthesis pathway. Journal of Biotechnology, 2010, 147, 31-36.	1.9	14
13	Adaptation of the infant gut microbiome during the complementary feeding transition. PLoS ONE, 2022, 17, e0270213.	1.1	5
14	Biotransformation of glucosinolates from a bacterial perspective.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-15.	0.6	3
15	â€œNourish to Flourishâ€: complementary feeding for a healthy infant gut microbiomeâ€”a non-randomised pilot feasibility study. Pilot and Feasibility Studies, 2022, 8, 103.	0.5	1