

Krystal L A Walker

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

147
citations

1684188
5
h-index

1281871
11
g-index

12
all docs

12
docs citations

12
times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	An in vitro model maintaining taxon-specific functional activities of the gut microbiome. <i>Nature Communications</i> , 2019, 10, 4146.	12.8	70
2	Associations Between Soluble LDLR and Lipoproteins in a White Cohort and the Effect of PCSK9 Loss-of-Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3486-3495.	3.6	14
3	Chemoenzymatic Method for Glycoproteomic N-Glycan Type Quantitation. <i>Analytical Chemistry</i> , 2020, 92, 1618-1627.	6.5	11
4	Comparative proteomic analysis reveals metabolic variability of probiotic <i>Enterococcus durans</i> during aerobic and anaerobic cultivation. <i>Journal of Proteomics</i> , 2020, 220, 103764.	2.4	8
5	pepFunk: a tool for peptide-centric functional analysis of metaproteomic human gut microbiome studies. <i>Bioinformatics</i> , 2020, 36, 4171-4179.	4.1	7
6	Metaproteomics Reveals Growth Phase-Dependent Responses of an <i>In Vitro</i> Gut Microbiota to Metformin. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1448-1458.	2.8	7
7	Evaluating live microbiota biobanking using an <i>ex vivo</i> microbiome assay and metaproteomics. <i>Gut Microbes</i> , 2022, 14, 2035658.	9.8	7
8	Exploring the Microbiome-Wide Lysine Acetylation, Succinylation, and Propionylation in Human Gut Microbiota. <i>Analytical Chemistry</i> , 2021, 93, 6594-6598.	6.5	6
9	Studying the Temporal Dynamics of the Gut Microbiota Using Metabolic Stable Isotope Labeling and Metaproteomics. <i>Analytical Chemistry</i> , 2020, 92, 15711-15718.	6.5	5
10	Examining the Effects of an Anti-Salmonella Bacteriophage Preparation, BAFASALÂ®, on Ex-Vivo Human Gut Microbiome Composition and Function Using a Multi-Omics Approach. <i>Viruses</i> , 2021, 13, 1734.	3.3	5
11	Differential Lysis Approach Enables Selective Extraction of Taxon-Specific Proteins for Gut Metaproteomics. <i>Analytical Chemistry</i> , 2020, 92, 5379-5386.	6.5	4
12	Comprehensive Assessment of Functional Effects of Commonly Used Sugar Substitute Sweeteners on <i>Ex Vivo</i> Human Gut Microbiome. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	3