

# Shyamchand Mayengbam

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

895  
citations

777949

13  
h-index

759306

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seizure modulation by the gut microbiota and tryptophan-kynurenine metabolism in an animal model of infantile spasms. <i>EBioMedicine</i> , 2022, 76, 103833.	2.7	25
2	Dietary fiber combinations to mitigate the metabolic, microbial, and cognitive imbalances resulting from diet-induced obesity in rats. <i>FASEB Journal</i> , 2022, 36, e22269.	0.2	4
3	B Vitamins and Their Roles in Gut Health. <i>Microorganisms</i> , 2022, 10, 1168.	1.6	39
4	Selective Probiotic Treatment Positively Modulates the Microbiota-Gut-Brain Axis in the BTBR Mouse Model of Autism. <i>Brain Sciences</i> , 2022, 12, 781.	1.1	10
5	A ketogenic diet affects brain volume and metabolome in juvenile mice. <i>NeuroImage</i> , 2021, 244, 118542.	2.1	10
6	Metabolic and Gut Microbiota Responses to Sourdough Pasta Consumption in Overweight and Obese Adults. <i>Frontiers in Nutrition</i> , 2020, 7, 615003.	1.6	5
7	Dietary Vitamin B6 Deficiency Impairs Gut Microbiota and Host and Microbial Metabolites in Rats. <i>Biomedicines</i> , 2020, 8, 469.	1.4	30
8	Maternal low-dose aspartame and stevia consumption with an obesogenic diet alters metabolism, gut microbiota and mesolimbic reward system in rat dams and their offspring. <i>Gut</i> , 2020, 69, 1807-1817.	6.1	55
9	Increased intestinal permeability exacerbates sepsis through reduced hepatic SCD-1 activity and dysregulated iron recycling. <i>Nature Communications</i> , 2020, 11, 483.	5.8	45
10	Effect of chicory inulin-type fructan-containing snack bars on the human gut microbiota in low dietary fiber consumers in a randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 1286-1296.	2.2	47
11	Distinct Gut Microbiota and Serum Metabolites in Response to Weight Loss Induced by Either Dairy or Exercise in a Rodent Model of Obesity. <i>Journal of Proteome Research</i> , 2019, 18, 3867-3875.	1.8	12
12	Metabolic consequences of discretionary fortified beverage consumption containing excessive vitamin B levels in adolescents. <i>PLoS ONE</i> , 2019, 14, e0209913.	1.1	8
13	Low-Dose Stevia (Rebaudioside A) Consumption Perturbs Gut Microbiota and the Mesolimbic Dopamine Reward System. <i>Nutrients</i> , 2019, 11, 1248.	1.7	49
14	Impact of dietary fiber supplementation on modulating microbiota-host metabolic axes in obesity. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 228-236.	1.9	88
15	Methionine restriction leads to hyperhomocysteinemia and alters hepatic H2S production capacity in Fischer-344 rats. <i>Mechanisms of Ageing and Development</i> , 2018, 176, 9-18.	2.2	22
16	Artificially Sweetened Vitamin Drink Consumption Reduces Insulin Sensitivity and Alters One-Carbon, B-Vitamin Dependent Metabolism in Adolescents. <i>FASEB Journal</i> , 2018, 32, 767.8.	0.2	0
17	Prebiotics Reduce Body Fat and Alter Intestinal Microbiota in Children Who Are Overweight or With Obesity. <i>Gastroenterology</i> , 2017, 153, 711-722.	0.6	358
18	A Vitamin B-6 Antagonist from Flaxseed Perturbs Amino Acid Metabolism in Moderately Vitamin B-6 Deficient Male Rats. <i>Journal of Nutrition</i> , 2016, 146, 14-20.	1.3	12

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19	Investigation of vitamin B6 inadequacy, induced by exposure to the anti-B6 factor 1-amino d-proline, on plasma lipophilic metabolites of rats: a metabolomics approach. <i>European Journal of Nutrition</i> , 2016, 55, 1213-1223.	1.8	8
20	Oral exposure to the anti-pyridoxine compound 1-amino d-proline further perturbs homocysteine metabolism through the transsulfuration pathway in moderately vitamin B6 deficient rats. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 241-249.	1.9	16
21	Endogenous Phenolics in Hulls and Cotyledons of Mustard and Canola: A Comparative Study on Its Sinapates and Antioxidant Capacity. <i>Antioxidants</i> , 2014, 3, 544-558.	2.2	27
22	Identification, Characterization, and Quantification of an Anti-pyridoxine Factor from Flaxseed Using Ultrahigh-Performance Liquid Chromatography–Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 419-426.	2.4	14
23	Effect of Conventional and Microwave Toasting on Sinapic Acid Derivatives and Canolol Content of Canola. <i>Current Nutrition and Food Science</i> , 2013, 9, 321-327.	0.3	11