

Xuan Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

461
citations

1040056

9
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of hypertension with infection and inflammation in a setting of disadvantage in rural India. <i>Journal of Human Hypertension</i> , 2022, 36, 1011-1020.	2.2	3
2	The composition of the gut microbiome in patients with sarcopenia. <i>Biyokimya Dergisi</i> , 2022, .	0.5	1
3	Methylcobalamin Alleviates Neuronal Apoptosis and Cognitive Decline Induced by PM2.5 Exposure in Mice. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1783-1796.	2.6	4
4	Vitamin B12 Enriched in Spinach and its Effects on Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2204-2212.	5.2	11
5	Xylitol enhances synthesis of propionate in the colon via cross-feeding of gut microbiota. <i>Microbiome</i> , 2021, 9, 62.	11.1	52
6	Study on fecal fermentation characteristics of aloe polysaccharides in vitro and their predictive modeling. <i>Carbohydrate Polymers</i> , 2021, 256, 117571.	10.2	74
7	Toxicity Assessment of Nano-ZnO Exposure on the Human Intestinal Microbiome, Metabolic Functions, and Resistome Using an In Vitro Colon Simulator. <i>Environmental Science & Technology</i> , 2021, 55, 6884-6896.	10.0	24
8	Assessment of Poplar Looper (<i>Apocheima cinerarius</i> Erschoff) Infestation on Euphrates (<i>Populus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Analysis. <i>Remote Sensing</i> , 2021, 13, 2345.	4.0	6
9	Influences of Xylitol Consumption at Different Dosages on Intestinal Tissues and Gut Microbiota in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12002-12011.	5.2	8
10	Gut microbiota affect the formation of calcium oxalate renal calculi caused by high daily tea consumption. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 789-802.	3.6	14
11	Dityrosine suppresses the cytoprotective action of thyroid hormone T3 via inhibiting thyroid hormone receptor-mediated transcriptional activation. <i>RSC Advances</i> , 2020, 10, 21057-21070.	3.6	4
12	Milk phospholipid supplementation mediates colonization resistance of mice against <i>Salmonella</i> infection in association with modification of gut microbiota. <i>Food and Function</i> , 2020, 11, 6078-6090.	4.6	9
13	Synergistic Effects of The Enhancements to Mitochondrial ROS, p53 Activation and Apoptosis Generated by Aspartame and Potassium Sorbate in HepG2 Cells. <i>Molecules</i> , 2019, 24, 457.	3.8	19
14	Sowing date detection at the field scale using CubeSats remote sensing. <i>Computers and Electronics in Agriculture</i> , 2019, 157, 568-580.	7.7	39
15	Effect of xylitol on gut microbiota in an in vitro colonic simulation. <i>Turkish Journal of Biochemistry</i> , 2019, 44, 646-653.	0.5	4
16	Impact of Cyanocobalamin and Methylcobalamin on Inflammatory Bowel Disease and the Intestinal Microbiota Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 916-926.	5.2	41
17	Stability of vitamin B12 with the protection of whey proteins and their effects on the gut microbiome. <i>Food Chemistry</i> , 2019, 276, 298-306.	8.2	41
18	Cobalamin (Vitamin B12) Induced a Shift in Microbial Composition and Metabolic Activity in an in vitro Colon Simulation. <i>Frontiers in Microbiology</i> , 2018, 9, 2780.	3.5	63

#	ARTICLE	IF	CITATIONS
19	Enhancing vitamin B12 content in co-fermented soy-milk via a Lotka Volterra model. Turkish Journal of Biochemistry, 2018, 43, 671-678.	0.5	7
20	Enhancing the vitamin B12 production and growth of Propionibacterium freudenreichii in tofu wastewater via a light-induced vitamin B12 riboswitch. Applied Microbiology and Biotechnology, 2015, 99, 10481-10488.	3.6	31
21	Investigating Morphology of Food Systems and Water-biopolymer Interactions in Food Using 1H NMR Relaxometry. Food Biophysics, 0, , 1.	3.0	6