

Venu Lagishetty

List of Publications by Year in descending order

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89
papers

2,928
citations

172457

29
h-index

175258

52
g-index

90
all docs

90
docs citations

90
times ranked

4047
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D-Directed Rheostatic Regulation of Monocyte Antibacterial Responses. <i>Journal of Immunology</i> , 2009, 182, 4289-4295.	0.8	349
2	Vitamin D Deficiency in Mice Impairs Colonic Antibacterial Activity and Predisposes to Colitis. <i>Endocrinology</i> , 2010, 151, 2423-2432.	2.8	218
3	Vitamin D and the Regulation of Placental Inflammation. <i>Journal of Immunology</i> , 2011, 186, 5968-5974.	0.8	168
4	Altered Endocrine and Autocrine Metabolism of Vitamin D in a Mouse Model of Gastrointestinal Inflammation. <i>Endocrinology</i> , 2008, 149, 4799-4808.	2.8	143
5	Vitamin D metabolism and innate immunity. <i>Molecular and Cellular Endocrinology</i> , 2011, 347, 97-105.	3.2	124
6	Proximal colon-derived O-glycosylated mucus encapsulates and modulates the microbiota. <i>Science</i> , 2020, 370, 467-472.	12.6	122
7	Surgically Induced Changes in Gut Microbiome and Hedonic Eating as Related to Weight Loss: Preliminary Findings in Obese Women Undergoing Bariatric Surgery. <i>Psychosomatic Medicine</i> , 2017, 79, 880-887.	2.0	105
8	Maternal dietary folate and/or vitamin B12 restrictions alter body composition (adiposity) and lipid metabolism in Wistar rat offspring. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 25-31.	4.2	94
9	Unhealthy Lifestyle and Gut Dysbiosis: A Better Understanding of the Effects of Poor Diet and Nicotine on the Intestinal Microbiome. <i>Frontiers in Endocrinology</i> , 2021, 12, 667066.	3.5	82
10	Addition of Milk Does Not Alter the Antioxidant Activity of Black Tea. <i>Annals of Nutrition and Metabolism</i> , 2005, 49, 189-195.	1.9	79
11	Systemic sclerosis is associated with specific alterations in gastrointestinal microbiota in two independent cohorts. <i>BMJ Open Gastroenterology</i> , 2017, 4, e000134.	2.7	77
12	Dietary Vitamin D Restriction in Pregnant Female Mice Is Associated With Maternal Hypertension and Altered Placental and Fetal Development. <i>Endocrinology</i> , 2013, 154, 2270-2280.	2.8	71
13	Vitamin D Deficiency Modulates Graves'™ Hyperthyroidism Induced in BALB/c Mice by Thyrotropin Receptor Immunization. <i>Endocrinology</i> , 2009, 150, 1051-1060.	2.8	70
14	Inflammation-independent TL1A-mediated intestinal fibrosis is dependent on the gut microbiome. <i>Mucosal Immunology</i> , 2018, 11, 1466-1476.	6.0	64
15	Antioxidant activity of commonly consumed plant foods of India: contribution of their phenolic content. <i>International Journal of Food Sciences and Nutrition</i> , 2007, 58, 250-260.	2.8	58
16	Chronic Maternal Dietary Chromium Restriction Modulates Visceral Adiposity. <i>Diabetes</i> , 2010, 59, 98-104.	0.6	58
17	Maternal dietary vitamin restriction increases body fat content but not insulin resistance in WNIN rat offspring up to 6 months of age. <i>Diabetologia</i> , 2004, 47, 1493-1501.	6.3	54
18	Maternal and Perinatal Magnesium Restriction Predisposes Rat Pups to Insulin Resistance and Glucose Intolerance. <i>Journal of Nutrition</i> , 2005, 135, 1353-1358.	2.9	53

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19	Long-term Effects of Maternal Magnesium Restriction on Adiposity and Insulin Resistance in Rat Pups. <i>Obesity</i> , 2008, 16, 1270-1276.	3.0	53
20	Prenatal and perinatal zinc restriction: effects on body composition, glucose tolerance and insulin response in rat offspring. <i>Experimental Physiology</i> , 2009, 94, 761-769.	2.0	48
21	A Microbial Signature Identifies Advanced Fibrosis in Patients with Chronic Liver Disease Mainly Due to NAFLD. <i>Scientific Reports</i> , 2020, 10, 2771.	3.3	44
22	A Distinct Brain-Gut Microbiome Profile Exists for Females with Obesity and Food Addiction. <i>Obesity</i> , 2020, 28, 1477-1486.	3.0	43
23	Prospective purification of perivascular presumptive mesenchymal stem cells from human adipose tissue: process optimization and cell population metrics across a large cohort of diverse demographics. <i>Stem Cell Research and Therapy</i> , 2016, 7, 47.	5.5	38
24	A High Protein Calorie Restriction Diet Alters the Gut Microbiome in Obesity. <i>Nutrients</i> , 2020, 12, 3221.	4.1	38
25	1 α -Hydroxylase and innate immune responses to 25-hydroxyvitamin D in colonic cell lines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 121, 228-233.	2.5	37
26	Dynamic Development of Glucocorticoid Resistance during Autoimmune Neuroinflammation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1402-E1410.	3.6	37
27	Glucose Intolerance and Lipid Metabolic Adaptations in Response to Intrauterine and Postnatal Calorie Restriction in Male Adult Rats. <i>Endocrinology</i> , 2013, 154, 102-113.	2.8	34
28	Metformin alters the duodenal microbiome and decreases the incidence of pancreatic ductal adenocarcinoma promoted by diet-induced obesity. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G763-G772.	3.4	34
29	Cognitive behavioral therapy for irritable bowel syndrome induces bidirectional alterations in the brain-gut-microbiome axis associated with gastrointestinal symptom improvement. <i>Microbiome</i> , 2021, 9, 236.	11.1	34
30	A randomized, phase 1, placebo-controlled trial of APG-157 in oral cancer demonstrates systemic absorption and an inhibitory effect on cytokines and tumor-associated microbes. <i>Cancer</i> , 2020, 126, 1668-1682.	4.1	33
31	Does maternal dietary mineral restriction per se predispose the offspring to insulin resistance?. <i>European Journal of Endocrinology</i> , 2004, 151, 287-294.	3.7	29
32	Dietary Supplementation with Omega-3 Polyunsaturated Fatty Acids Reduces Opioid-Seeking Behaviors and Alters the Gut Microbiome. <i>Nutrients</i> , 2019, 11, 1900.	4.1	28
33	Obesity is associated with a distinct brain-gut microbiome signature that connects Prevotella and Bacteroides to the brain's reward center. <i>Gut Microbes</i> , 2022, 14, 2051999.	9.8	28
34	Dysregulation of CLOCK gene expression in hyperoxia-induced lung injury. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C999-C1007.	4.6	27
35	Microbiome and bile acid profiles in duodenal aspirates from patients with liver cirrhosis: The Microbiome, Microbial Markers and Liver Disease Study. <i>Hepatology Research</i> , 2018, 48, 1108-1117.	3.4	26
36	Isolation and characterization of canine perivascular stem/stromal cells for bone tissue engineering. <i>PLoS ONE</i> , 2017, 12, e0177308.	2.5	23

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37	NK cells are biologic and biochemical targets of 6-mercaptopurine in Crohn's disease patients. <i>Clinical Immunology</i> , 2017, 175, 82-90.	3.2	22
38	Microbial and Chemical Profiles of Commercial Kombucha Products. <i>Nutrients</i> , 2022, 14, 670.	4.1	21
39	Improvement in Uncontrolled Eating Behavior after Laparoscopic Sleeve Gastrectomy Is Associated with Alterations in the Brain-Gut-Microbiome Axis in Obese Women. <i>Nutrients</i> , 2020, 12, 2924.	4.1	20
40	Effect of Exclusion Diets on Symptom Severity and the Gut Microbiota in Patients With Irritable Bowel Syndrome. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, e465-e483.	4.4	20
41	High-protein diet improves sensitivity to cholecystokinin and shifts the cecal microbiome without altering brain inflammation in diet-induced obesity in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 313, R473-R486.	1.8	17
42	Oxidative stress induces club cell proliferation and pulmonary fibrosis in <i>Atp8b1</i> mutant mice. <i>Aging</i> , 2019, 11, 209-229.	3.1	16
43	The Intestinal Microbiome Predicts Weight Loss on a Calorie-Restricted Diet and Is Associated With Improved Hepatic Steatosis. <i>Frontiers in Nutrition</i> , 2021, 8, 718661.	3.7	16
44	Local immunity in Indian women with bacterial vaginosis. <i>Journal of Reproductive Immunology</i> , 2006, 70, 133-141.	1.9	15
45	The intestinal microbiota as a predictor for antidepressant treatment outcome in geriatric depression: a prospective pilot study. <i>International Psychogeriatrics</i> , 2022, 34, 33-45.	1.0	15
46	Ceragenin CSA13 Reduces <i>Clostridium difficile</i> Infection in Mice by Modulating the Intestinal Microbiome and Metabolites. <i>Gastroenterology</i> , 2018, 154, 1737-1750.	1.3	14
47	Dietary Protein, Fiber and Coffee Are Associated with Small Intestine Microbiome Composition and Diversity in Patients with Liver Cirrhosis. <i>Nutrients</i> , 2020, 12, 1395.	4.1	14
48	Maternal dietary chromium restriction programs muscle development and function in the rat offspring. <i>Experimental Biology and Medicine</i> , 2010, 235, 349-355.	2.4	13
49	The Ocular Microbiome Is Altered by Sampling Modality and Age. <i>Translational Vision Science and Technology</i> , 2021, 10, 24.	2.2	12
50	Disease Features and Gastrointestinal Microbial Composition in Patients with Systemic Sclerosis from Two Independent Cohorts. <i>ACR Open Rheumatology</i> , 2022, 4, 417-425.	2.1	12
51	Shifts in microbial diversity, composition, and functionality in the gut and genital microbiome during a natural SIV infection in vervet monkeys. <i>Microbiome</i> , 2020, 8, 154.	11.1	11
52	CSA13 inhibits colitis-associated intestinal fibrosis via a formyl peptide receptor like-1 mediated HMG-CoA reductase pathway. <i>Scientific Reports</i> , 2017, 7, 16351.	3.3	10
53	Maternal Manganese Restriction Increases Susceptibility to High-Fat Diet-Induced Dyslipidemia and Altered Adipose Function in WNIN Male Rat Offspring. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-11.	3.8	9
54	Oxidized phospholipids cause changes in jejunum mucus that induce dysbiosis and systemic inflammation. <i>Journal of Lipid Research</i> , 2022, 63, 100153.	4.2	8

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55	Understanding the Heterogeneity of Obesity and the Relationship to the Brain-Gut Axis. <i>Nutrients</i> , 2020, 12, 3701.	4.1	7
56	Effect of maternal vitamin and mineral restrictions on the body fat content and adipocytokine levels of WNIN rat offspring. <i>Nutrition and Metabolism</i> , 2007, 4, 21.	3.0	5
57	915 - Intestinal Microbiota Predict Response to Cognitive Behavioral Therapy for Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2018, 154, S-181.	1.3	5
58	Altered Gut Microbiome in Patients With Dermatomyositis. <i>ACR Open Rheumatology</i> , 2022, 4, 658-670.	2.1	5
59	Duodenal Microbiome and Serum Metabolites Predict Hepatocellular Carcinoma in a Multicenter Cohort of Patients with Cirrhosis. <i>Digestive Diseases and Sciences</i> , 2022, 67, 3831-3841.	2.3	3
60	Longitudinal Characterisation of the Gastrointestinal Tract Microbiome in Systemic Sclerosis. <i>European Medical Journal (Chelmsford, England)</i> , 0, , 110-118.	3.0	3
61	Colonic mucosal microbiota is associated with bowel habit subtype and abdominal pain in patients with irritable bowel syndrome. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 323, G134-G143.	3.4	3
62	1059 - Glutamate and Hedonic Eating: Role of the Brain-Gut-Microbiome Axis on Changes on Hedonic Eating after Bariatric Surgery. <i>Gastroenterology</i> , 2018, 154, S-201.	1.3	2
63	Pilot Trial of Vitamin D3 and Calcifediol in Healthy Vitamin D Deficient Adults: Does It Change the Fecal Microbiome?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 3464-3476.	3.6	2
64	Response to Comment on: Padmavathi et al. (2010) Chronic Maternal Dietary Chromium Restriction Modulates Visceral Adiposity: Probable Underlying Mechanisms. <i>Diabetes</i> ;59:98-104. <i>Diabetes</i> , 2010, 59, e3-e3.	0.6	1
65	Colonic Mucosal Microbiome is Associated with Mucosal MicroRNA Expression in Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2017, 152, S40-S41.	1.3	1
66	Bitter Taste Receptors, T2R138 and T2R16, are Induced in the Large Intestine of Male and Female Mice on a High Fat Diet in a Microbiota-Dependent Manner. <i>Gastroenterology</i> , 2017, 152, S156.	1.3	1
67	OP0085...Longitudinal analysis of the gastrointestinal microbiota in systemic sclerosis. , 2017, , .		1
68	Tu1895 " Colonic Mucosal Microbiome Correlates with Dietary Intake in IBS Patients and Healthy Controls. <i>Gastroenterology</i> , 2019, 156, S-1164.	1.3	1
69	Vitamin D Deficiency in Mice Impairs Colonic Antibacterial Activity and Predisposes to Colitis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2516-2517.	3.6	0
70	Modulation of glucocorticoid sensitivity in T cells: A novel mechanism for the beneficial effects of pregnancy in multiple sclerosis. <i>Journal of Reproductive Immunology</i> , 2012, 94, 33-34.	1.9	0
71	Su1880 ROR γ -Dependent CD4+ T Cells Govern the Mucosa-Associated Microbiome of the Small Intestine and Colon. <i>Gastroenterology</i> , 2016, 150, S578.	1.3	0
72	Sa1868 NK Cells Are Biologic and Biochemical Target of 6-Mercaptopurine in Crohn's Disease Patients. <i>Gastroenterology</i> , 2016, 150, S385.	1.3	0

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73	Relative Preservation of Treg Function in T11A-TG Mice Under Germ-Free Condition. Gastroenterology, 2017, 152, S995-S996.	1.3	0
74	Sa1475 - Microbiome and Bile Acid Profiles in Duodenal Aspirates from Cirrhotics Vary by Cirrhosis Etiology, Hepatic Encephalopathy, and Ethnicity. Gastroenterology, 2018, 154, S-1125.	1.3	0
75	Tu1894 " Colonic Mucosal Microbiome is Associated with Bowel Habit Subtypes in Irritable Bowel Syndrome (IBS) Patients. Gastroenterology, 2019, 156, S-1163-S-1164.	1.3	0
76	Sa1917 " A Microbial Signature Predicts Advanced Fibrosis in Human Liver Disease. Gastroenterology, 2019, 156, S-452.	1.3	0
77	Su1048 " Intestinal Epithelial Barrier Abnormalities and Changes in Microbiome As Early Events in Diet-Induced Obesity. Gastroenterology, 2019, 156, S-494-S-495.	1.3	0
78	Mo1955 HIGH STRESS REACTIVITY IS ASSOCIATED WITH INCREASED SYMPTOM FLARES IN ULCERATIVE COLITIS PATIENTS. Gastroenterology, 2020, 158, S-992.	1.3	0
79	Mo1148 IMPACT OF ADVERSE CHILDHOOD EXPERIENCES ON BRAIN-GUT MICROBIOME INTERACTIONS IN OBESITY. Gastroenterology, 2020, 158, S-803.	1.3	0
80	P044 HIGH STRESS REACTIVITY AND SYMPTOM FLARES IN ULCERATIVE COLITIS PATIENTS. Gastroenterology, 2020, 158, S103-S104.	1.3	0
81	719 HIGH STRESS REACTIVITY IS ASSOCIATED WITH SHIFTS IN IBS PHENOTYPE AND MICROBIOME COMPOSITION/FUNCTION. Gastroenterology, 2020, 158, S-151.	1.3	0
82	1078 A DISTINCT BRAIN-GUT MICROBIOME PROFILE EXISTS FOR OBESE FEMALES WITH FOOD ADDICTION. Gastroenterology, 2020, 158, S-208-S-209.	1.3	0
83	P044 HIGH STRESS REACTIVITY AND SYMPTOM FLARES IN ULCERATIVE COLITIS PATIENTS. Inflammatory Bowel Diseases, 2020, 26, S63-S64.	1.9	0
84	2 EFFECTS OF AN IBD-ASSOCIATED MICROBIAL COMMUNITY STATE ON INTESTINAL INFLAMMATION IN HUMANIZED GNOTOBIOTIC MICE. Inflammatory Bowel Diseases, 2020, 26, S40-S40.	1.9	0
85	Hyperoxia induced lung injury is associated with alterations in circadian clock genes in mice. FASEB Journal, 2013, 27, 914.8.	0.5	0
86	Diindolylmethane Attenuates TGF β 2 Mediated Human Lung Fibroblast Proliferation. FASEB Journal, 2013, 27, lb874.	0.5	0
87	Overexpression of Circadian CLOCK genes alters proinflammatory cytokine production in human alveolar epithelial cells. FASEB Journal, 2013, 27, 722.8.	0.5	0
88	Moving toward precision: Understanding the heterogeneity of obesity.. Journal of Clinical Oncology, 2020, 38, 12054-12054.	1.6	0
89	2 EFFECTS OF AN IBD-ASSOCIATED MICROBIAL COMMUNITY STATE ON INTESTINAL INFLAMMATION IN HUMANIZED GNOTOBIOTIC MICE. Gastroenterology, 2020, 158, S66.	1.3	0