Jian K Tan

List of Publications by Year
in descending order

28 papers	5,723 citations	516710 16 h-index	552781 26 g-index
30 all docs	30 docs citations	30 times ranked	8400 citing authors

#	Article	IF	Citations
1	A randomized clinical trial to investigate the effect of dietary protein sources on periodontal health. Journal of Clinical Periodontology, 2022, 49, 388-400.	4.9	11
2	Impact of Dietary Fiber on West Nile Virus Infection. Frontiers in Immunology, 2022, 13, 784486.	4.8	6
3	Your Regulatory T Cells Are What You Eat: How Diet and Gut Microbiota Affect Regulatory T Cell Development. Frontiers in Nutrition, 2022, 9, 878382.	3.7	12
4	How Changes in the Nutritional Landscape Shape Gut Immunometabolism. Nutrients, 2021, 13, 823.	4.1	14
5	Gut-derived acetate promotes B10 cells with antiinflammatory effects. JCI Insight, 2021, 6, .	5.0	47
6	Dietary carbohydrate, particularly glucose, drives B cell lymphopoiesis and function. IScience, 2021, 24, 102835.	4.1	13
7	The maternal gut microbiome during pregnancy and offspring allergy and asthma. Journal of Allergy and Clinical Immunology, 2021, 148, 669-678.	2.9	55
8	The water chemistry and microbiome of household wells in Medawachchiya, Sri Lanka, an area with high prevalence of chronic kidney disease of unknown origin (CKDu). Scientific Reports, 2020, 10, 18295.	3.3	17
9	Dietary Fiber Protects against Diabetic Nephropathy through Short-Chain Fatty Acidâ€“Mediated Activation of G Proteinâ€“Coupled Receptors GPR43 and GPR109A. Journal of the American Society of Nephrology: JASN, 2020, 31, 1267-1281.	6.1	153
10	Gut Microbial Metabolites Induce Donor-Specific Tolerance of Kidney Allografts through Induction of T Regulatory Cells by Short-Chain Fatty Acids. Journal of the American Society of Nephrology: JASN, 2020, 31, 1445-1461.	6.1	50
11	Immune Modulation of Monocytes Dampens the IL-17+ Î³Î´ T Cell Response and Associated Psoriasis Pathology in Mice. Journal of Investigative Dermatology, 2020, 140, 2398-2407.e1.	0.7	5
12	Intestinal microbiota predict response and toxicities during anti-PD-1/anti-CTLA-4 immunotherapy. Pathology, 2020, 52, S127.	0.6	2
13	Abstract 5734: Gut microbiota predicts response and toxicity with neoadjuvant immunotherapy. , 2020, , .		6
14	HIGH-FIBRE DIET REDUCES TRANSPLANT-ASSOCIATED DYSBIOSIS AND IMPROVES RENAL ALLOGRAFT SURVIVAL IN A MURINE MODEL OF KIDNEY ALLOGRAFT REJECTION. Transplantation, 2020, 104, S188-S189.	1.0	0
15	Impact of the Food Additive Titanium Dioxide (E171) on Gut Microbiota-Host Interaction. Frontiers in Nutrition, 2019, 6, 57.	3.7	90
16	Fatty Acids, Gut Bacteria, and Immune Cell Function. , 2019, , 151-164.		8
17	Diet-Derived Short Chain Fatty Acids Stimulate Intestinal Epithelial Cells To Induce Mucosal Tolerogenic Dendritic Cells. Journal of Immunology, 2017, 198, 2172-2181.	0.8	172
18	Metabolite-Sensing G Proteinâ€“Coupled Receptorsâ€”Facilitators of Diet-Related Immune Regulation. Annual Review of Immunology, 2017, 35, 371-402.	21.8	235

#	Article	IF	Citations
19	High-Fiber Diet and Acetate Supplementation Change the Gut Microbiota and Prevent the Development of Hypertension and Heart Failure in Hypertensive Mice. Circulation, 2017, 135, 964-977.	1.6	695
20	The nutritionâ€gut microbiomeâ€physiology axis and allergic diseases. Immunological Reviews, 2017, 278, 277-295.	6.0	223
21	Detrimental Impact of Microbiota-Accessible Carbohydrate-Deprived Diet on Gut and Immune Homeostasis: An Overview. Frontiers in Immunology, 2017, 8, 548.	4.8	114
22	The Role of Follicular Helper T Cell Molecules and Environmental Influences in Autoantibody Production and Progression to Inflammatory Arthritis in Mice. Arthritis and Rheumatology, 2016, 68, 1026-1038.	5.6	26
23	Avenues to autoimmune arthritis triggered by diverse remote inflammatory challenges. Journal of Autoimmunity, 2016, 73, 120-129.	6.5	3
24	Dietary Fiber and Bacterial SCFA Enhance Oral Tolerance and Protect against Food Allergy through Diverse Cellular Pathways. Cell Reports, 2016, 15, 2809-2824.	6.4	489
25	Evidence that asthma is a developmental origin disease influenced by maternal diet and bacterial metabolites. Nature Communications, 2015, 6, 7320.	12.8	683
26	Metabolite-sensing receptors GPR43 and GPR109A facilitate dietary fibre-induced gut homeostasis through regulation of the inflammasome. Nature Communications, 2015, 6, 6734.	12.8	983
27	The Role of Short-Chain Fatty Acids in Health and Disease. Advances in Immunology, 2014, 121, 91-119.	2.2	1,587
28	Inflammation and Lymphopenia Trigger Autoimmunity by Suppression of IL-2â€“Controlled Regulatory T Cell and Increase of IL-21â€“Mediated Effector T Cell Expansion. Journal of Immunology, 2014, 193, 4845-4858.	0.8	17