

Jian K Tan

List of Publications by Year in descending order

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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	The Role of Short-Chain Fatty Acids in Health and Disease. <i>Advances in Immunology</i> , 2014, 121, 91-119.	2.2	1,587
2	Metabolite-sensing receptors GPR43 and GPR109A facilitate dietary fibre-induced gut homeostasis through regulation of the inflammasome. <i>Nature Communications</i> , 2015, 6, 6734.	12.8	983
3	High-Fiber Diet and Acetate Supplementation Change the Gut Microbiota and Prevent the Development of Hypertension and Heart Failure in Hypertensive Mice. <i>Circulation</i> , 2017, 135, 964-977.	1.6	695
4	Evidence that asthma is a developmental origin disease influenced by maternal diet and bacterial metabolites. <i>Nature Communications</i> , 2015, 6, 7320.	12.8	683
5	Dietary Fiber and Bacterial SCFA Enhance Oral Tolerance and Protect against Food Allergy through Diverse Cellular Pathways. <i>Cell Reports</i> , 2016, 15, 2809-2824.	6.4	489
6	Metabolite-Sensing G Proteinâ€“Coupled Receptorsâ€”Facilitators of Diet-Related Immune Regulation. <i>Annual Review of Immunology</i> , 2017, 35, 371-402.	21.8	235
7	The nutritionâ€“gut microbiomeâ€“physiology axis and allergic diseases. <i>Immunological Reviews</i> , 2017, 278, 277-295.	6.0	223
8	Diet-Derived Short Chain Fatty Acids Stimulate Intestinal Epithelial Cells To Induce Mucosal Tolerogenic Dendritic Cells. <i>Journal of Immunology</i> , 2017, 198, 2172-2181.	0.8	172
9	Dietary Fiber Protects against Diabetic Nephropathy through Short-Chain Fatty Acidâ€“Mediated Activation of G Proteinâ€“Coupled Receptors GPR43 and GPR109A. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1267-1281.	6.1	153
10	Detrimental Impact of Microbiota-Accessible Carbohydrate-Deprived Diet on Gut and Immune Homeostasis: An Overview. <i>Frontiers in Immunology</i> , 2017, 8, 548.	4.8	114
11	Impact of the Food Additive Titanium Dioxide (E171) on Gut Microbiota-Host Interaction. <i>Frontiers in Nutrition</i> , 2019, 6, 57.	3.7	90
12	The maternal gut microbiome during pregnancy and offspring allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 669-678.	2.9	55
13	Gut Microbial Metabolites Induce Donor-Specific Tolerance of Kidney Allografts through Induction of T Regulatory Cells by Short-Chain Fatty Acids. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1445-1461.	6.1	50
14	Gut-derived acetate promotes B10 cells with antiinflammatory effects. <i>JCI Insight</i> , 2021, 6, .	5.0	47
15	The Role of Follicular Helper T Cell Molecules and Environmental Influences in Autoantibody Production and Progression to Inflammatory Arthritis in Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 1026-1038.	5.6	26
16	Inflammation and Lymphopenia Trigger Autoimmunity by Suppression of IL-2â€“Controlled Regulatory T Cell and Increase of IL-21â€“Mediated Effector T Cell Expansion. <i>Journal of Immunology</i> , 2014, 193, 4845-4858.	0.8	17
17	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). <i>Scientific Reports</i> , 2020, 10, 18295.	3.3	17
18	How Changes in the Nutritional Landscape Shape Gut Immunometabolism. <i>Nutrients</i> , 2021, 13, 823.	4.1	14

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19	Dietary carbohydrate, particularly glucose, drives B cell lymphopoiesis and function. <i>IScience</i> , 2021, 24, 102835.	4.1	13
20	Your Regulatory T Cells Are What You Eat: How Diet and Gut Microbiota Affect Regulatory T Cell Development. <i>Frontiers in Nutrition</i> , 2022, 9, 878382.	3.7	12
21	A randomized clinical trial to investigate the effect of dietary protein sources on periodontal health. <i>Journal of Clinical Periodontology</i> , 2022, 49, 388-400.	4.9	11
22	Fatty Acids, Gut Bacteria, and Immune Cell Function. , 2019, , 151-164.		8
23	Abstract 5734: Gut microbiota predicts response and toxicity with neoadjuvant immunotherapy. , 2020, , .		6
24	Impact of Dietary Fiber on West Nile Virus Infection. <i>Frontiers in Immunology</i> , 2022, 13, 784486.	4.8	6
25	Immune Modulation of Monocytes Dampens the IL-17+ $\hat{I}^3\hat{I}$ T Cell Response and Associated Psoriasis Pathology in Mice. <i>Journal of Investigative Dermatology</i> , 2020, 140, 2398-2407.e1.	0.7	5
26	Avenues to autoimmune arthritis triggered by diverse remote inflammatory challenges. <i>Journal of Autoimmunity</i> , 2016, 73, 120-129.	6.5	3
27	Intestinal microbiota predict response and toxicities during anti-PD-1/anti-CTLA-4 immunotherapy. <i>Pathology</i> , 2020, 52, S127.	0.6	2
28	HIGH-FIBRE DIET REDUCES TRANSPLANT-ASSOCIATED DYSBIOSIS AND IMPROVES RENAL ALLOGRAFT SURVIVAL IN A MURINE MODEL OF KIDNEY ALLOGRAFT REJECTION. <i>Transplantation</i> , 2020, 104, S188-S189.	1.0	0