Jason A Tye-Din

List of Publications by Year
in descending order

75 papers	3,488 citations	147801 31 h-index	144013 57 g-index
76 all docs	76 docs citations	76 times ranked	3459 citing authors

#	Article	IF	Citations
1	Iron deficiency. Lancet, The, 2021, 397, 233-248.	13.7	396
2	Comprehensive, Quantitative Mapping of T Cell Epitopes in Gluten in Celiac Disease. Science Translational Medicine, 2010, 2, 41ra51.	12.4	393
3	Duodenal Bacteria From Patients With Celiac Disease andÂHealthy Subjects Distinctly Affect Gluten BreakdownÂandÂImmunogenicity. Gastroenterology, 2016, 151, 670-683.	1.3	177
4	A Structural and Immunological Basis for the Role of Human Leukocyte Antigen DQ8 in Celiac Disease. Immunity, 2007, 27, 23-34.	14.3	157
5	Genome mapping of seed-borne allergens and immunoresponsive proteins in wheat. Science Advances, 2018, 4, eaar8602.	10.3	130
6	The effects of ALV003 pre-digestion of gluten on immune response and symptoms in celiac disease in vivo. Clinical Immunology, 2010, 134, 289-295.	3.2	125
7	Update 2020: nomenclature and listing of celiac diseaseâ€“relevant gluten epitopes recognized by CD4+ T cells. Immunogenetics, 2020, 72, 85-88.	2.4	125
8	Biased T Cell Receptor Usage Directed against Human Leukocyte Antigen DQ8-Restricted Gliadin Peptides Is Associated with Celiac Disease. Immunity, 2012, 37, 611-621.	14.3	121
9	Epitope-specific immunotherapy targeting CD4-positive T cells in coeliac disease: two randomised, double-blind, placebo-controlled phase 1 studies. The Lancet Gastroenterology and Hepatology, 2017, 2, 479-493.	8.1	113
10	Celiac Disease: A Review of Current Concepts in Pathogenesis, Prevention, and Novel Therapies. Frontiers in Pediatrics, 2018, 6, 350.	1.9	111
11	T cells in peripheral blood after gluten challenge in coeliac disease. Gut, 2005, 54, 1217-1223.	12.1	110
12	Accurate and Robust Genomic Prediction of Celiac Disease Using Statistical Learning. PLoS Genetics, 2014, 10, e1004137.	3.5	95
13	T cell receptor cross-reactivity between gliadin and bacterial peptides in celiac disease. Nature Structural and Molecular Biology, 2020, 27, 49-61.	8.2	91
14	A novel serogenetic approach determines the community prevalence of celiac disease and informs improved diagnostic pathways. BMC Medicine, 2013, 11, 188.	5.5	88
15	Cytokine release and gastrointestinal symptoms after gluten challenge in celiac disease. Science Advances, 2019, 5, eaaw7756.	10.3	84
16	The mosaic oat genome gives insights into a uniquely healthy cereal crop. Nature, 2022, 606, 113-119.	27.8	70
17	Circulating gluten-specific FOXP3 + CD39 + regulatory T cells have impaired suppressive function in patients with celiac disease. Journal of Allergy and Clinical Immunology, 2017, 140, 1592-1603.e8.	2.9	63
18	Current and emerging therapies for coeliac disease. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 181-195.	17.8	63

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19	Ingestion of oats and barley in patients with celiac disease mobilizesÂcross-reactive T cells activated by avenin peptides andÂimmuno-dominant hordein peptides. Journal of Autoimmunity, 2015, 56, 56-65.	6.5	62
20	Antagonists and non-toxic variants of the dominant wheat gliadin T cell epitope in coeliac disease. Gut, 2006, 55, 485-491.	12.1	56
21	Elevated serum interleukinâ€2 after gluten correlates with symptoms and is a potential diagnostic biomarker for coeliac disease. Alimentary Pharmacology and Therapeutics, 2019, 50, 901-910.	3.7	51
22	Ex-vivo whole blood secretion of interferon (IFN)-Î³ and IFN-Î³-inducible protein-10 measured by enzyme-linked immunosorbent assay are as sensitive as IFN-Î³ enzyme-linked immunospot for the detection of gluten-reactive T cells in human leucocyte antigen (HLA)-DQ2Â·5+-associated coeliac disease. Clinical and Experimental Immunology, 2014, 175, 305-315.	2.6	50
23	Food knowledge and psychological state predict adherence to a glutenâ€free diet in a survey of 5310 Australians and New Zealanders with coeliac disease. Alimentary Pharmacology and Therapeutics, 2018, 48, 78-86.	3.7	50
24	Consistency in Polyclonal T-cell Responses to Gluten Between Children and Adults With Celiac Disease. Gastroenterology, 2015, 149, 1541-1552.e2.	1.3	46
25	Relations between symptom severity, illness perceptions, visceral sensitivity, coping strategies and well-being in irritable bowel syndrome guided by the common sense model of illness. Psychology, Health and Medicine, 2017, 22, 524-534.	2.4	43
26	Appropriate clinical use of human leukocyte antigen typing for coeliac disease: an <scp>A</scp>ustralasian perspective. Internal Medicine Journal, 2015, 45, 441-450.	0.8	40
27	The Risk of Contracting COVID-19 Is Not Increased in Patients With Celiac Disease. Clinical Gastroenterology and Hepatology, 2021, 19, 391-393.	4.4	38
28	Coeliac disease: a unique model for investigating broken tolerance in autoimmunity. Clinical and Translational Immunology, 2016, 5, e112.	3.8	37
29	Serum cytokines elevated during gluten-mediated cytokine release in coeliac disease. Clinical and Experimental Immunology, 2019, 199, 68-78.	2.6	36
30	Surveillance of FAP: a prospective blinded comparison of capsule endoscopy and other GI imaging to detect small bowel polyps. Hereditary Cancer in Clinical Practice, 2010, 8, 3.	1.5	34
31	Immunopathogenesis of celiac disease. Current Gastroenterology Reports, 2008, 10, 458-465.	2.5	33
32	Maintenance of a gluten free diet in coeliac disease: The roles of self-regulation, habit, psychological resources, motivation, support, and goal priority. Appetite, 2018, 125, 356-366.	3.7	32
33	A Phase I Study to Determine Safety, Tolerability and Bioactivity of Nexvax2Â® in HLA DQ2+ Volunteers With Celiac Disease Following a Long-Term, Strict Gluten-Free Diet. Gastroenterology, 2011, 140, S-437-S-438.	1.3	31
34	Dissecting the Tâ€cell response to hordeins in coeliac disease can develop barley with reduced immunotoxicity. Alimentary Pharmacology and Therapeutics, 2010, 32, 1184-1191.	3.7	28
35	Masked bolus gluten challenge low in FODMAPs implicates nausea and vomiting as key symptoms associated with immune activation in treated coeliac disease. Alimentary Pharmacology and Therapeutics, 2020, 51, 244-252.	3.7	27
36	Cytokine release after gluten ingestion differentiates coeliac disease from selfâ€reported gluten sensitivity. United European Gastroenterology Journal, 2020, 8, 108-118.	3.8	26

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37	Genomic prediction of celiac disease targeting HLA-positive individuals. Genome Medicine, 2015, 7, 72.	8.2	25
38	Patient factors influencing acute gluten reactions and cytokine release in treated coeliac disease. BMC Medicine, 2020, 18, 362.	5.5	22
39	A systematic approach for comprehensive T-cell epitope discovery using peptide libraries. Bioinformatics, 2005, 21, i29-i37.	4.1	17
40	Gluten in â€œglutenâ€freeâ€•food from food outlets in Melbourne: a crossâ€sectional study. Medical Journal of Australia, 2018, 209, 42-43.	1.7	17
41	Preparation and Characterization of Avenin-Enriched Oat Protein by Chill Precipitation for Feeding Trials in Celiac Disease. Frontiers in Nutrition, 2019, 6, 162.	3.7	15
42	Whole blood interleukin-2 release test to detect and characterize rare circulating gluten-specific T cell responses in coeliac disease. Clinical and Experimental Immunology, 2021, 204, 321-334.	2.6	15
43	A Sensitive Whole Blood Assay Detects Antigen-Stimulated Cytokine Release From CD4+ T Cells and Facilitates Immunomonitoring in a Phase 2 Clinical Trial of Nexvax2 in Coeliac Disease. Frontiers in Immunology, 2021, 12, 661622.	4.8	14
44	For Celiac Disease, Diagnosis Is Not Enough. Clinical Gastroenterology and Hepatology, 2012, 10, 900-901.	4.4	11
45	Characterisation of clinical and immune reactivity to barley and rye ingestion in children with coeliac disease. Gut, 2020, 69, 830-840.	12.1	10
46	Systematic review: Exploration of the impact of psychosocial factors on quality of life in adults living with coeliac disease. Journal of Psychosomatic Research, 2021, 147, 110537.	2.6	10
47	Quality of life in coeliac disease: relationship between psychosocial processes and quality of life in a sample of 1697 adults living with coeliac disease. Journal of Psychosomatic Research, 2021, 151, 110652.	2.6	10
48	Hydroxychloroquine inhibits the mitochondrial antioxidant system in activated TÂcells. IScience, 2021, 24, 103509.	4.1	10
49	Aspiration in the Context of Upper Gastrointestinal Endoscopy. Canadian Journal of Gastroenterology & Hepatology, 2007, 21, 223-225.	1.7	9
50	T cells in coeliac disease: aÂrational target for diagnosis and therapy. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 583-584.	17.8	9
51	Gluten in â€œglutenâ€freeâ€•manufactured foods in Australia: a crossâ€sectional study. Medical Journal of Australia, 2018, 209, 448-449.	1.7	8
52	Risk perception and knowledge of COVID-19 in patients with celiac disease. World Journal of Gastroenterology, 2021, 27, 1213-1225.	3.3	8
53	Circulating glutenâ€specific, but not CMVâ€specific, CD39 + regulatory T cells have an oligoclonal TCR repertoire. Clinical and Translational Immunology, 2020, 9, e1096.	3.8	7
54	Interpreting tests for coeliac disease: Tips, pitfalls and updates. , 2018, 47, 28-33.		7

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55	The practice and perception of precautionary allergen labelling by the Australasian food manufacturing industry. Clinical and Experimental Allergy, 2017, 47, 961-968.	2.9	5
56	Sa1396 A Single Intradermal (ID) Injection of Nexvax2Â®, a Peptide Composition With Dominant Epitopes for Gluten-Reactive CD4+ T Cells, Activates T Cells and Triggers Acute Gastrointestinal Symptoms in HLA-DQ2.5+ People With Celiac Disease (CeD). Gastroenterology, 2016, 150, S304.	1.3	4
57	High rates of variation in HLA-DQ2/DQ8 testing for coeliac disease: results from an RCPAQAP pilot program. Journal of Clinical Pathology, 2018, 71, 900-905.	2.0	4
58	Rapid, Loop-Mediated Isothermal Amplification Detection of Celiac Disease Risk Alleles. Journal of Molecular Diagnostics, 2018, 20, 307-315.	2.8	3
59	Longitudinal assessment of the common sense model before and during the COVID-19 pandemic: A large coeliac disease cohort study. Journal of Psychosomatic Research, 2022, 153, 110711.	2.6	3
60	846 Efficacy, Safety, Tolerability, and Immunological Effects of Nexvax2Â®, a Peptide-Based Therapeutic Vaccine, Administered by Intra-Dermal (ID) Injection Twice-Weekly for 8-Weeks in HLA-DQ2.5+ Celiac Disease (CeD). Gastroenterology, 2016, 150, S180.	1.3	2
61	Sa1395 Nexvax2Â®, a Peptide-Based Antigen-Specific Immunotherapy, Administered Intra-Dermally Three-Times Over 15-Days attenuates Responsiveness to Immuno-Dominant Gluten Peptides in HLA-DQ2.5+ People With Celiac Disease (CeD). Gastroenterology, 2016, 150, S304.	1.3	2
62	Pointâ€ofâ€care testing for coeliac disease antibodies â€" what is the evidence?. Medical Journal of Australia, 2015, 202, 418-419.	1.7	2
63	Review article: Followâ€up of coeliac disease. Alimentary Pharmacology and Therapeutics, 2022, 56, .	3.7	2
64	Editorial: a novel approach to monitor mucosal healing in coeliac diseaseâ€"as simple as shifting goalposts?. Alimentary Pharmacology and Therapeutics, 2017, 46, 894-895.	3.7	1
65	Serum IL-2 and IL-8 are Elevated within 4 h after Gluten Ingestion in Celiac Disease (CED) Patients on Gluten-Free Diet (GFD) and Potential to Resolve Indeterminate Diagnoses for Patients on GFD. Gastroenterology, 2017, 152, S114.	1.3	1
66	Discrepancies in genetic testing results for coeliac disease: call for standardised testing and reporting. Medical Journal of Australia, 2017, 207, 179-180.	1.7	1
67	Resolving incomplete single nucleotide polymorphism tagging of HLAâ€DQ2.2 for coeliac disease genotyping using digital droplet PCR. Hla, 2018, 91, 280-288.	0.6	1
68	Editorial: inaccuracies in attribution of symptoms due to glutenâ€"not just in those with selfâ€reported noncoeliac gluten sensitivity. Authors' reply. Alimentary Pharmacology and Therapeutics, 2020, 51, 403-404.	3.7	1
69	354 Dominance, Hierarchy and Redundancy of T Cell Stimulatory Peptides in Celiac Disease. Gastroenterology, 2009, 136, A-57.	1.3	0
70	A Population Study to Optimize the Role of Serology and Genetics in the Diagnosis of Celiac Disease (CD). Gastroenterology, 2011, 140, S-440.	1.3	0
71	Sa1317 A Whole Blood Cytokine Release Assay Employing Short-Term Gluten Challenge Identifies Patients With Celiac Disease on a Gluten Free Diet. Gastroenterology, 2012, 142, S-271.	1.3	0
72	Sa1398 Immunogenic Gluten Is Modulated by Small Intestinal Bacterial Hydrolysis. Gastroenterology, 2016, 150, S304.	1.3	0

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73	Reply. Gastroenterology, 2016, 150, 779-780.	1.3	0
74	824 â€“ Acute Gluten-Induced Symptoms in Celiac Disease (CED) are Quantitatively Correlated with Serum Cyotkine Response. Gastroenterology, 2019, 156, S-177.	1.3	0
75	Editorial: lack of gastrointestinal symptoms caused by gluten in patients without coeliac diseaseâ€"time to ditch the â€˜glutenâ€™ from â€˜nonâ€coeliac gluten sensitivityâ€™. Alimentary Pharmacology and Therapeutics, 2022, 56, 340-341.	8.7	0