Bana Jabri

List of Publications by Year in Descending Order

106 papers	14,308 citations	55 h-index	118 g-index
118 ext. papers	17,122 ext. citations	16.4 avg, IF	6.51 L-index

#	Paper	IF	Citations
106	An efficient urine peptidomics workflow identifies chemically defined dietary gluten peptides from patients with celiac disease.. *Nature Communications*, **2022**, 13, 888	17.4	0
105	A multilayered immune system through the lens of unconventional T cells. *Nature*, **2021**, 595, 501-510	50.4	9
104	Fecal microbiota transplant rescues mice from human pathogen mediated sepsis by restoring systemic immunity. *Nature Communications*, **2020**, 11, 2354	17.4	40
103	High-sensitivity C-reactive protein is associated with clonal hematopoiesis of indeterminate potential. *Blood Advances*, **2020**, 4, 2430-2438	7.8	22
102	Tissue alarmins and adaptive cytokine induce dynamic and distinct transcriptional responses in tissue-resident intraepithelial cytotoxic T lymphocytes. *Journal of Autoimmunity*, **2020**, 108, 102422	15.5	7
101	IL-15, gluten and HLA-DQ8 drive tissue destruction in coeliac disease. *Nature*, **2020**, 578, 600-604	50.4	65
100	Identification of a Receptor Antagonist That Prevents Reprogramming of Human Tissue-resident Cytotoxic T Cells by IL15 and IL21. *Gastroenterology*, **2020**, 158, 625-637.e13	13.3	13
99	Cytokine release and gastrointestinal symptoms after gluten challenge in celiac disease. *Science Advances*, **2019**, 5, eaaw7756	14.3	49
98	Duodenal bacterial proteolytic activity determines sensitivity to dietary antigen through protease-activated receptor-2. *Nature Communications*, **2019**, 10, 1198	17.4	69
97	Chronic Inflammation Permanently Reshapes Tissue-Resident Immunity in Celiac Disease. *Cell*, **2019** , 176, 967-981.e19	56.2	72
96	Safety and efficacy of AMG 714 in patients with type 2 refractory coeliac disease: a phase 2a, randomised, double-blind, placebo-controlled, parallel-group study. *The Lancet Gastroenterology and Hepatology*, **2019**, 4, 960-970	18.8	34
95	Mechanisms by which gut microorganisms influence food sensitivities. *Nature Reviews Gastroenterology and Hepatology*, **2019**, 16, 7-18	24.2	43
94	Single-Cell RNA Sequencing of Blood and Ileal T Cells From Patients With Crohn's Disease Reveals Tissue-Specific Characteristics and Drug Targets. *Gastroenterology*, **2019**, 156, 812-815.e22	13.3	33
93	Reovirus-Induced Apoptosis in the Intestine Limits Establishment of Enteric Infection. *Journal of Virology*, **2018**, 92,	6.6	20
92	Human intraepithelial lymphocytes. *Mucosal Immunology*, **2018**, 11, 1281-1289	9.2	45
91	Dietary antioxidant micronutrients alter mucosal inflammatory risk in a murine model of genetic and microbial susceptibility. *Journal of Nutritional Biochemistry*, **2018**, 54, 95-104	6.3	16
90	Diverse developmental pathways of intestinal intraepithelial lymphocytes. *Nature Reviews Immunology*, **2018**, 18, 514-525	36.5	61

89	Mitochondria maintain controlled activation state of epithelial-resident T lymphocytes. *Science Immunology*, **2018**, 3,	28	27
88	P31-43, an undigested gliadin peptide, mimics and enhances the innate immune response to viruses and interferes with endocytic trafficking: a role in celiac disease. *Scientific Reports*, **2018**, 8, 10821	4.9	25
87	Epithelial IL-15 Is a Critical Regulator of Intraepithelial Lymphocyte Motility within the Intestinal Mucosa. *Journal of Immunology*, **2018**, 201, 747-756	5.3	17
86	Patients With Ulcerative Colitis and Primary Sclerosing Cholangitis Frequently Have Subclinical Inflammation in the Proximal Colon. *Clinical Gastroenterology and Hepatology*, **2018**, 16, 68-74	6.9	26
85	A viral trigger for celiac disease. *PLoS Pathogens*, **2018**, 14, e1007181	7.6	13
84	Murine Norovirus Infection Induces T1 Inflammatory Responses to Dietary Antigens. *Cell Host and Microbe*, **2018**, 24, 677-688.e5	23.4	36
83	A locus at 7p14.3 predisposes to refractory celiac disease progression from celiac disease. *European Journal of Gastroenterology and Hepatology*, **2018**, 30, 828-837	2.2	16
82	Microbial signals drive pre-leukaemic myeloproliferation in a Tet2-deficient host. *Nature*, **2018**, 557, 580-584	38.1	163
81	Human Leukocyte Antigen F Presents Peptides and Regulates Immunity through Interactions with NK Cell Receptors. *Immunity*, **2017**, 46, 1018-1029.e7	32.3	62
80	Early Transcriptomic Changes in the Ileal Pouch Provide Insight into the Molecular Pathogenesis of Pouchitis and Ulcerative Colitis. *Inflammatory Bowel Diseases*, **2017**, 23, 366-378	4.5	8
79	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	18.8	81
78	T Cells in Celiac Disease. *Journal of Immunology*, **2017**, 198, 3005-3014	5.3	120
77	Reovirus infection triggers inflammatory responses to dietary antigens and development of celiac disease. *Science*, **2017**, 356, 44-50	33.3	264
76	Open-Capsule Budesonide for Refractory Celiac Disease. *American Journal of Gastroenterology*, **2017**, 112, 959-967	0.7	51
75	Natural polyreactive IgA antibodies coat the intestinal microbiota. *Science*, **2017**, 358,	33.3	207
74	Antibiotic-induced perturbations in microbial diversity during post-natal development alters amyloid pathology in an aged APP/PS1 murine model of Alzheimer's disease. *Scientific Reports*, **2017**, 7, 10411	4.9	133
73	Interleukin-15 promotes intestinal dysbiosis with butyrate deficiency associated with increased susceptibility to colitis. *ISME Journal*, **2017**, 11, 15-30	11.9	36
72	Butyrate and bioactive proteolytic form of Wnt-5a regulate colonic epithelial proliferation and spatial development. *Scientific Reports*, **2016**, 6, 32094	4.9	18

71	No Change in the Mucosal Gut Mycobioma Is Associated with Celiac Disease-Specific Microbiome Alteration in Adult Patients. *American Journal of Gastroenterology*, **2016**, 111, 1659-1661	0.7	15
70	Metagenomics Reveals Dysbiosis and a Potentially Pathogenic N. flavescens Strain in Duodenum of Adult Celiac Patients. *American Journal of Gastroenterology*, **2016**, 111, 879-90	0.7	94
69	A dendritic cell subset designed for oral tolerance. *Nature Immunology*, **2016**, 17, 474-6	19.1	9
68	Innate immunity: actuating the gears of celiac disease pathogenesis. *Baillieres Best Practice and Research in Clinical Gastroenterology*, **2015**, 29, 425-35	2.5	44
67	Commensal Bifidobacterium promotes antitumor immunity and facilitates anti-PD-L1 efficacy. *Science*, **2015**, 350, 1084-9	33.3	1852
66	Intestinal microbiota modulates gluten-induced immunopathology in humanized mice. *American Journal of Pathology*, **2015**, 185, 2969-82	5.8	75
65	Innate and Adaptive Humoral Responses Coat Distinct Commensal Bacteria with Immunoglobulin A. *Immunity*, **2015**, 43, 541-53	32.3	307
64	Cysteinyl leukotrienes mediate lymphokine killer activity induced by NKG2D and IL-15 in cytotoxic T cells during celiac disease. *Journal of Experimental Medicine*, **2015**, 212, 1487-95	16.6	20
63	Distinct and Synergistic Contributions of Epithelial Stress and Adaptive Immunity to Functions of Intraepithelial Killer Cells and Active Celiac Disease. *Gastroenterology*, **2015**, 149, 681-91.e10	13.3	68
62	Novel players in coeliac disease pathogenesis: role of the gut microbiota. *Nature Reviews Gastroenterology and Hepatology*, **2015**, 12, 497-506	24.2	136
61	Immunopathology of Celiac Disease **2015**, 1551-1572		
60	IMMUNOLOGY. Breaching the gut-vascular barrier. *Science*, **2015**, 350, 742-3	33.3	13
59	IL-15 functions as a danger signal to regulate tissue-resident T cells and tissue destruction. *Nature Reviews Immunology*, **2015**, 15, 771-83	36.5	160
58	How T cells taste gluten in celiac disease. *Nature Structural and Molecular Biology*, **2014**, 21, 429-31	17.6	12
57	Elevated T cell receptor signaling identifies a thymic precursor to the TCR[1+)CD4(-)CD8[1-) intraepithelial lymphocyte lineage. *Immunity*, **2014**, 41, 219-29	32.3	63
56	IL-15: a central regulator of celiac disease immunopathology. *Immunological Reviews*, **2014**, 260, 221-34	11.3	142
55	Human NKG2E is expressed and forms an intracytoplasmic complex with CD94 and DAP12. *Journal of Immunology*, **2014**, 193, 610-6	5.3	26
54	Isotretinoin use and celiac disease: a population-based cross-sectional study. *American Journal of Clinical Dermatology*, **2014**, 15, 537-42	7.1	6

53	Phosphate-containing polyethylene glycol polymers prevent lethal sepsis by multidrug-resistant pathogens. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 966-77	5.9	47
52	Vaccine against autoimmune disease: antigen-specific immunotherapy. *Current Opinion in Immunology*, **2013**, 25, 410-7	7.8	52
51	Crystal structure of V□ T cell receptor in complex with CD1d-sulfatide shows MHC-like recognition of a self-lipid by human □T cells. *Immunity*, **2013**, 39, 1032-42	32.3	158
50	Triggers and drivers of autoimmunity: lessons from coeliac disease. *Nature Reviews Immunology*, **2013**, 13, 294-302	36.5	222
49	Insulin-dependent diabetes induced by pancreatic beta cell expression of IL-15 and IL-15R□ *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 13534-9	11.5	50
48	IL-15 in tumor microenvironment causes rejection of large established tumors by T cells in a noncognate T cell receptor-dependent manner. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 8158-63	11.5	43
47	Interleukin 15 primes natural killer cells to kill via NKG2D and cPLA2 and this pathway is active in psoriatic arthritis. *PLoS ONE*, **2013**, 8, e76292	3.7	23
46	Pathophysiology of celiac disease. *Gastrointestinal Endoscopy Clinics of North America*, **2012**, 22, 639-60	3.3	79
45	Intraepithelial lymphocytes in celiac disease immunopathology. *Seminars in Immunopathology*, **2012**, 34, 551-66	12	116
44	The majority of CD1d-sulfatide-specific T cells in human blood use a semiinvariant V□ TCR. *European Journal of Immunology*, **2012**, 42, 2505-10	6.1	128
43	Dietary-fat-induced taurocholic acid promotes pathobiont expansion and colitis in Il10-/- mice. *Nature*, **2012**, 487, 104-8	50.4	1176
42	Densely granulated murine NK cells eradicate large solid tumors. *Cancer Research*, **2012**, 72, 1964-74	10.1	44
41	A specific role for TLR1 in protective T(H)17 immunity during mucosal infection. *Journal of Experimental Medicine*, **2012**, 209, 1437-44	16.6	56
40	Integration of genetic and immunological insights into a model of celiac disease pathogenesis. *Annual Review of Immunology*, **2011**, 29, 493-525	34.7	351
39	Celiac disease and transglutaminase 2: a model for posttranslational modification of antigens and HLA association in the pathogenesis of autoimmune disorders. *Current Opinion in Immunology*, **2011**, 23, 732-8	7.8	86
38	The Toll-like receptor 2 pathway establishes colonization by a commensal of the human microbiota. *Science*, **2011**, 332, 974-7	33.3	1106
37	Potential celiac patients: a model of celiac disease pathogenesis. *PLoS ONE*, **2011**, 6, e21281	3.7	38
36	Regional mucosa-associated microbiota determine physiological expression of TLR2 and TLR4 in murine colon. *PLoS ONE*, **2010**, 5, e13607	3.7	98

35	NKG2D initiates caspase-mediated CD3zeta degradation and lymphocyte receptor impairments associated with human cancer and autoimmune disease. *Journal of Immunology*, **2010**, 185, 5732-42	5.3	40
34	The diabetogenic mouse MHC class II molecule I-Ag7 is endowed with a switch that modulates TCR affinity. *Journal of Clinical Investigation*, **2010**, 120, 1578-90	15.9	31
33	Cytosolic PLA2 is required for CTL-mediated immunopathology of celiac disease via NKG2D and IL-15. *Journal of Experimental Medicine*, **2009**, 206, 707-19	16.6	75
32	Tissue-mediated control of immunopathology in coeliac disease. *Nature Reviews Immunology*, **2009**, 9, 858-70	36.5	219
31	The role of HLA-DQ8 beta57 polymorphism in the anti-gluten T-cell response in coeliac disease. *Nature*, **2008**, 456, 534-8	50.4	78
30	Massive interleukin-12-induced interferon-gamma production by interleukin-15-stimulated lamina propria lymphocytes followed by down-regulation of the interleukin-12 receptor. *Immunology*, **2008**, 124, 453-60	7.8	8
29	Toll-like receptor 6 drives differentiation of tolerogenic dendritic cells and contributes to LcrV-mediated plague pathogenesis. *Cell Host and Microbe*, **2008**, 4, 350-61	23.4	125
28	Extracellular transglutaminase 2 is catalytically inactive, but is transiently activated upon tissue injury. *PLoS ONE*, **2008**, 3, e1861	3.7	148
27	Small intestinal CD8+TCRgammadelta+NKG2A+ intraepithelial lymphocytes have attributes of regulatory cells in patients with celiac disease. *Journal of Clinical Investigation*, **2008**, 118, 281-93	15.9	130
26	Autoimmune and Immune-Mediated Diseases of the Gastrointestinal Tract **2008**, 383-419		
25	Expression of nonclassical class I molecules by intestinal epithelial cells. *Inflammatory Bowel Diseases*, **2007**, 13, 298-307	4.5	78
24	Human CD8+ intraepithelial lymphocytes: a unique model to study the regulation of effector cytotoxic T lymphocytes in tissue. *Immunological Reviews*, **2007**, 215, 202-14	11.3	45
23	Gliadin regulates the NK-dendritic cell cross-talk by HLA-E surface stabilization. *Journal of Immunology*, **2007**, 179, 372-81	5.3	40
22	The Bacillus subtilis quorum-sensing molecule CSF contributes to intestinal homeostasis via OCTN2, a host cell membrane transporter. *Cell Host and Microbe*, **2007**, 1, 299-308	23.4	191
21	Immunogenicity and protective immunity against bubonic plague and pneumonic plague by immunization of mice with the recombinant V10 antigen, a variant of LcrV. *Infection and Immunity*, **2006**, 74, 4910-4	3.7	54
20	Reprogramming of CTLs into natural killer-like cells in celiac disease. *Journal of Experimental Medicine*, **2006**, 203, 1343-55	16.6	208
19	Celiac disease. *Annual Review of Medicine*, **2006**, 57, 207-21	17.4	142
18	Mechanisms of disease: immunopathogenesis of celiac disease. *Nature Reviews Gastroenterology & Hepatology*, **2006**, 3, 516-25		125

17	Plague bacteria target immune cells during infection. *Science*, **2005**, 309, 1739-41	33.3	270
16	Innate and adaptive immunity: the yin and yang of celiac disease. *Immunological Reviews*, **2005**, 206, 219-31	11.3	102
15	Is celiac disease an autoimmune disorder?. *Current Opinion in Immunology*, **2005**, 17, 595-600	7.8	75
14	LcrV plague vaccine with altered immunomodulatory properties. *Infection and Immunity*, **2005**, 73, 5152-9	3.7	88
13	Relationship of HLA-DQ8 and severity of celiac disease: comparison of New York and Parisian cohorts. *Clinical Gastroenterology and Hepatology*, **2004**, 2, 888-94	6.9	39
12	Coordinated induction by IL15 of a TCR-independent NKG2D signaling pathway converts CTL into lymphokine-activated killer cells in celiac disease. *Immunity*, **2004**, 21, 357-66	32.3	608
11	Risk of malignancy in patients with celiac disease. *American Journal of Medicine*, **2003**, 115, 191-5	2.4	280
10	Coeliac disease. *Lancet, The*, **2003**, 362, 383-91	40	714
9	TCR specificity dictates CD94/NKG2A expression by human CTL. *Immunity*, **2002**, 17, 487-99	32.3	99
8	Celiac disease and other precursors to small-bowel malignancy. *Gastroenterology Clinics of North America*, **2002**, 31, 625-39	4.4	40
7	NKG2D receptors induced by IL-15 costimulate CD28-negative effector CTL in the tissue microenvironment. *Journal of Immunology*, **2001**, 167, 5527-30	5.3	255
6	La maladie c□aque : une maladie auto-immune induite par un antig□e alimentaire. *Medecine/Sciences*, **2001**, 17, 1129-1138		3
5	Refractory sprue, coeliac disease, and enteropathy-associated T-cell lymphoma. French Coeliac Disease Study Group. *Lancet, The*, **2000**, 356, 203-8	40	576
4	Selective expansion of intraepithelial lymphocytes expressing the HLA-E-specific natural killer receptor CD94 in celiac disease. *Gastroenterology*, **2000**, 118, 867-79	13.3	195
3	Selection and expansion of CD8alpha/alpha(1) T cell receptor alpha/beta(1) intestinal intraepithelial lymphocytes in the absence of both classical major histocompatibility complex class I and nonclassical CD1 molecules. *Journal of Experimental Medicine*, **1999**, 190, 885-90	16.6	81
2	Abnormal intestinal intraepithelial lymphocytes in refractory sprue. *Gastroenterology*, **1998**, 114, 471-81	13.3	311
1	An efficient urine peptidomics workflow identifies chemically defined dietary gluten peptides from patients with celiac disease		1