

Azucena Salas

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84
papers

3,958
citations

34
h-index

62
g-index

93
ext. papers

4,706
ext. citations

10.4
avg, IF

5.07
L-index

#	Paper	IF	Citations
84	Etrolizumab as induction therapy for ulcerative colitis: a randomised, controlled, phase 2 trial. <i>Lancet, The</i> , 2014 , 384, 309-18	40	331
83	The primacy of affinity over clustering in regulation of adhesiveness of the integrin α L β 2. <i>Journal of Cell Biology</i> , 2004 , 167, 1241-53	7.3	208
82	Endothelial cells proactively form microvilli-like membrane projections upon intercellular adhesion molecule 1 engagement of leukocyte LFA-1. <i>Journal of Immunology</i> , 2003 , 171, 6135-44	5.3	181
81	Rolling adhesion through an extended conformation of integrin α L β 2 and relation to α I and β I-like domain interaction. <i>Immunity</i> , 2004 , 20, 393-406	32.3	169
80	VCAM-1, but not ICAM-1 or MADCAM-1, immunoblockade ameliorates DSS-induced colitis in mice. <i>Laboratory Investigation</i> , 2000 , 80, 1541-51	5.9	158
79	Transcriptional analysis of the intestinal mucosa of patients with ulcerative colitis in remission reveals lasting epithelial cell alterations. <i>Gut</i> , 2013 , 62, 967-76	19.2	146
78	CD1d function is regulated by microsomal triglyceride transfer protein. <i>Nature Medicine</i> , 2004 , 10, 535-9	50.5	146
77	Microsomal triglyceride transfer protein lipidation and control of CD1d on antigen-presenting cells. <i>Journal of Experimental Medicine</i> , 2005 , 202, 529-39	16.6	130
76	JAK-STAT pathway targeting for the treatment of inflammatory bowel disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020 , 17, 323-337	24.2	127
75	Small molecule integrin antagonists that bind to the β 2 subunit I-like domain and activate signals in one direction and block them in the other. <i>Immunity</i> , 2003 , 19, 391-402	32.3	123
74	Bistable regulation of integrin adhesiveness by a bipolar metal ion cluster. <i>Nature Structural and Molecular Biology</i> , 2003 , 10, 995-1001	17.6	121
73	Heparin attenuates TNF- α induced inflammatory response through a CD11b dependent mechanism. <i>Gut</i> , 2000 , 47, 88-96	19.2	106
72	Importance of force linkage in mechanochemistry of adhesion receptors. <i>Biochemistry</i> , 2006 , 45, 15020-8	3.2	105
71	Alterations in the epithelial stem cell compartment could contribute to permanent changes in the mucosa of patients with ulcerative colitis. <i>Gut</i> , 2017 , 66, 2069-2079	19.2	95
70	Identification of inflammatory mediators in patients with Crohn's disease unresponsive to anti-TNF α therapy. <i>Gut</i> , 2015 , 64, 233-42	19.2	88
69	Effects of steroid treatment on activation of nuclear factor kappaB in patients with inflammatory bowel disease. <i>British Journal of Pharmacology</i> , 1998 , 124, 431-3	8.6	86
68	Intersubunit signal transmission in integrins by a receptor-like interaction with a pull spring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 2906-11	11.5	86

67	Transition from rolling to firm adhesion is regulated by the conformation of the I domain of the integrin lymphocyte function-associated antigen-1. <i>Journal of Biological Chemistry</i> , 2002 , 277, 50255-62	5.4	82
66	Role of P-selectin and ICAM-1 in pancreatitis-induced lung inflammation in rats: significance of oxidative stress. <i>Annals of Surgery</i> , 1999 , 230, 792-8; discussion 798-9	7.8	67
65	A Gut Microbial Mimic that Hijacks Diabetogenic Autoreactivity to Suppress Colitis. <i>Cell</i> , 2017 , 171, 655-662	6.2	173
64	Late Crohn's disease patients present an increase in peripheral Th17 cells and cytokine production compared with early patients. <i>Alimentary Pharmacology and Therapeutics</i> , 2010 , 31, 561-72	6.1	60
63	CD163L1 and CLEC5A discriminate subsets of human resident and inflammatory macrophages in vivo. <i>Journal of Leukocyte Biology</i> , 2015 , 98, 453-66	6.5	54
62	Transition from rolling to firm adhesion can be mimicked by extension of integrin alphaLbeta2 in an intermediate affinity state. <i>Journal of Biological Chemistry</i> , 2006 , 281, 10876-82	5.4	53
61	Commensal-Specific CD4(+) Cells From Patients With Crohn's Disease Have a T-Helper 17 Inflammatory Profile. <i>Gastroenterology</i> , 2016 , 151, 489-500.e3	13.3	53
60	Stabilizing the integrin alpha M inserted domain in alternative conformations with a range of engineered disulfide bonds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 16737-41	11.5	51
59	Defective IL-10 production in severe phenotypes of Crohn's disease. <i>Journal of Leukocyte Biology</i> , 2009 , 85, 896-903	6.5	49
58	The prolyl hydroxylase PHD3 identifies proinflammatory macrophages and its expression is regulated by activin A. <i>Journal of Immunology</i> , 2012 , 189, 1946-54	5.3	48
57	AL-57, a ligand-mimetic antibody to integrin LFA-1, reveals chemokine-induced affinity up-regulation in lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 13991-6	11.5	45
56	Differential role of selectins in experimental colitis. <i>Gastroenterology</i> , 2001 , 120, 1162-72	13.3	44
55	Intestinal Inflammation Modulates the Epithelial Response to Butyrate in Patients With Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2020 , 26, 43-55	4.5	43
54	Improving safety of autologous haematopoietic stem cell transplantation in patients with Crohn's disease. <i>Gut</i> , 2016 , 65, 1456-62	19.2	40
53	The binding sites for competitive antagonistic, allosteric antagonistic, and agonistic antibodies to the I domain of integrin LFA-1. <i>Journal of Immunology</i> , 2004 , 173, 3972-8	5.3	40
52	Kinetic and mechanical basis of rolling through an integrin and novel Ca ²⁺ -dependent rolling and Mg ²⁺ -dependent firm adhesion modalities for the alpha 4 beta 7-MAdCAM-1 interaction. <i>Biochemistry</i> , 2001 , 40, 13972-9	3.2	40
51	Autologous Haematopoietic Stem Cell Transplantation (AHSCT) in Severe Crohn's Disease: A Review on Behalf of ECCO and EBMT. <i>Journal of Crohn's and Colitis</i> , 2018 , 12, 476-488	1.5	37
50	Autologous Haematopoietic Stem Cell Transplantation for Refractory Crohn's Disease: Efficacy in a Single-Centre Cohort. <i>Journal of Crohn's and Colitis</i> , 2017 , 11, 1161-1168	1.5	33

49	Macrophage uptake and accumulation of folates are polarization-dependent in vitro and in vivo and are regulated by activin A. <i>Journal of Leukocyte Biology</i> , 2014 , 95, 797-808	6.5	33
48	Nitric oxide supplementation ameliorates dextran sulfate sodium-induced colitis in mice. <i>Laboratory Investigation</i> , 2002 , 82, 597-607	5.9	33
47	Role of P-selectin in radiation-induced intestinal inflammatory damage. <i>International Journal of Cancer</i> , 2001 , 96, 99-109	7.5	33
46	The role of P-selectin in experimental colitis as determined by antibody immunoblockade and genetically deficient mice. <i>Journal of Leukocyte Biology</i> , 2002 , 72, 56-64	6.5	33
45	A small molecule agonist of an integrin, alphaLbeta2. <i>Journal of Biological Chemistry</i> , 2006 , 281, 37904-134	3.4	30
44	H(2)O(2) and PARS mediate lung P-selectin upregulation in acute pancreatitis. <i>Free Radical Biology and Medicine</i> , 2000 , 28, 1286-94	7.8	27
43	Influence of dose-rate on inflammatory damage and adhesion molecule expression after abdominal radiation in the rat. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999 , 45, 1011-8	4	27
42	Selective IL-23 Inhibition by Risankizumab Modulates the Molecular Profile in the Colon and Ileum of Patients With Active Crohn's Disease: Results From a Randomised Phase II Biopsy Sub-study. <i>Journal of Crohn's and Colitis</i> , 2018 , 12, 1170-1179	1.5	26
41	Usefulness of Transcriptional Blood Biomarkers as a Non-invasive Surrogate Marker of Mucosal Healing and Endoscopic Response in Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2017 , 11, 1335-1346	1.5	26
40	Integrated microbiota and metabolite profiles link Crohn's disease to sulfur metabolism. <i>Nature Communications</i> , 2020 , 11, 4322	17.4	25
39	An ROR β Oral Inhibitor Modulates IL-17 Responses in Peripheral Blood and Intestinal Mucosa of Crohn's Disease Patients. <i>Frontiers in Immunology</i> , 2018 , 9, 2307	8.4	25
38	Differential effects of a nitric oxide donor on reperfusion-induced microvascular dysfunction in diabetic and non-diabetic rats. <i>Diabetologia</i> , 1999 , 42, 1350-8	10.3	23
37	Expression Levels of 4 Genes in Colon Tissue Might Be Used to Predict Which Patients Will Enter Endoscopic Remission After Vedolizumab Therapy for Inflammatory Bowel Diseases. <i>Clinical Gastroenterology and Hepatology</i> , 2020 , 18, 1142-1151.e10	6.9	22
36	T cell clonal expansions in ileal Crohn's disease are associated with smoking behaviour and postoperative recurrence. <i>Gut</i> , 2019 , 68, 1961-1970	19.2	19
35	ZEB1 promotes inflammation and progression towards inflammation-driven carcinoma through repression of the DNA repair glycosylase MPG in epithelial cells. <i>Gut</i> , 2019 , 68, 2129-2141	19.2	18
34	Potential Use of Human Stem Cell-Derived Intestinal Organoids to Study Inflammatory Bowel Diseases. <i>Inflammatory Bowel Diseases</i> , 2018 , 24, 2501-2509	4.5	18
33	Impaired mesenteric leukocyte recruitment in experimental portal hypertension in the rat. <i>Hepatology</i> , 1999 , 30, 445-53	11.2	17
32	Evaluation of responsive gene expression as a sensitive and specific biomarker in patients with ulcerative colitis. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 221-9	4.5	16

31	Tepoxalin inhibits inflammation and microvascular dysfunction induced by abdominal irradiation in rats. <i>Alimentary Pharmacology and Therapeutics</i> , 2000 , 14, 841-50	6.1	15
30	Postbiotics - when simplification fails to clarify. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 , 18, 825-826	24.2	15
29	Past, Present and Future of Therapeutic Interventions Targeting Leukocyte Trafficking in Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2018 , 12, S633-S640	1.5	14
28	RIPK1 Mediates TNF-Induced Intestinal Crypt Apoptosis During Chronic NF- κ B Activation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020 , 9, 295-312	7.9	14
27	Microbial Metabolites, Postbiotics, and Intestinal Epithelial Function. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000188	5.9	14
26	Molecular Structure and Function of Janus Kinases: Implications for the Development of Inhibitors. <i>Journal of Crohn's and Colitis</i> , 2020 , 14, S713-S724	1.5	13
25	The IL-33/ST2 axis: yet another therapeutic target in inflammatory bowel disease?. <i>Gut</i> , 2013 , 62, 1392-319.2	19.2	13
24	Identification and characterization of a human monoclonal antagonistic antibody AL-57 that preferentially binds the high-affinity form of lymphocyte function-associated antigen-1. <i>Journal of Leukocyte Biology</i> , 2006 , 80, 905-14	6.5	13
23	Mechanisms underlying the beneficial effects of stem cell therapies for inflammatory bowel diseases. <i>Gut</i> , 2009 , 58, 898-900	19.2	12
22	Mesenchymal stem cell therapy of Crohn's disease: are the far-away hills getting closer?. <i>Gut</i> , 2011 , 60, 742-4	19.2	10
21	Efficacy of an inhibitor of adhesion molecule expression (GI270384X) in the treatment of experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 293, G739-48	5.1	9
20	Dissecting Common and Unique Effects of Anti- α 7 and Anti-Tumor Necrosis Factor Treatment in Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2021 , 15, 441-452	1.5	7
19	Whole transcriptional analysis identifies markers of B, T and plasma cell signaling pathways in the mesenteric adipose tissue associated with Crohn's disease. <i>Journal of Translational Medicine</i> , 2020 , 18, 44	8.5	6
18	Centrally Determined Standardization of Flow Cytometry Methods Reduces Interlaboratory Variation in a Prospective Multicenter Study. <i>Clinical and Translational Gastroenterology</i> , 2017 , 8, e126	4.2	6
17	Differences in Peripheral and Tissue Immune Cell Populations Following Haematopoietic Stem Cell Transplantation in Crohn's Disease Patients. <i>Journal of Crohn's and Colitis</i> , 2019 , 13, 634-647	1.5	6
16	Endoscopic response to tumor necrosis factor inhibitors predicts long term benefits in Crohn's disease. <i>World Journal of Gastroenterology</i> , 2019 , 25, 1764-1774	5.6	5
15	IBD. Regulatory T cells for treatment of Crohn's disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2015 , 12, 315-6	24.2	4
14	Resetting of the Mucosal T Cell Repertoire after Hematopoietic Stem Cell Transplantation in Refractory Crohn's Disease. <i>Gastroenterology</i> , 2017 , 152, S613-S614	13.3	3

13	Defects in autophagy induce alterations in the secretory pathway and proinflammatory signaling of paneth cells. <i>Gastroenterology</i> , 2009 , 137, 1527-9	13.3	2
12	A Novel Strategy to Study the Invasive Capability of Adherent-Invasive by Using Human Primary Organoid-Derived Epithelial Monolayers. <i>Frontiers in Immunology</i> , 2021 , 12, 646906	8.4	2
11	Development of a Highly Sensitive Ultra-High-Performance Liquid Chromatography Coupled to Electrospray Ionization Tandem Mass Spectrometry Quantitation Method for Fecal Bile Acids and Application on Crohn's Disease Studies. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 5238-5251	5.7	2
10	Randomized Controlled Trial Substudy of Cell-specific Mechanisms of Janus Kinase 1 Inhibition With Upadacitinib in the Crohn's Disease Intestinal Mucosa: Analysis From the CELEST Study. <i>Inflammatory Bowel Diseases</i> , 2021 , 27, 1999-2009	4.5	2
9	Ulcerative colitis: shedding light on emerging agents and strategies in preclinical and early clinical development. <i>Expert Opinion on Investigational Drugs</i> , 2021 , 30, 931-946	5.9	2
8	Meta-analysis of gene expression disease signatures in colonic biopsy tissue from patients with ulcerative colitis. <i>Scientific Reports</i> , 2021 , 11, 18243	4.9	2
7	Letter: pathogenicity of Th17 cells may differ in ulcerative colitis compared with Crohn's disease □ authors□reply. <i>Alimentary Pharmacology and Therapeutics</i> , 2012 , 36, 205-205	6.1	1
6	Endoplasmic Reticulum Stress in Colonic Mucosa of Ulcerative Colitis Patients Is Mediated by PERK and IRE1 Pathway Activation.. <i>Mediators of Inflammation</i> , 2022 , 2022, 6049500	4.3	1
5	Multi-omic modelling of inflammatory bowel disease with regularized canonical correlation analysis. <i>PLoS ONE</i> , 2021 , 16, e0246367	3.7	0
4	A new model of intestinal epithelial regeneration: could patients benefit?. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020 , 17, 137-138	24.2	
3	The 2-phase model of Crohn's disease: from immune defect to hyperresponse. <i>Gastroenterology</i> , 2010 , 138, 1204-6; discussion 1207	13.3	
2	Is lack of "education" a mechanism driving loss of tolerance in Crohn's disease?. <i>Gastroenterology</i> , 2010 , 139, 1056-8; discussion 1058-9	13.3	
1	A Small-Molecule Antagonist to Integrin LFA-1 Reveals a Crucial Inter-Domain Communication as a Novel Therapeutic Target.. <i>Blood</i> , 2004 , 104, 650-650	2.2	