Helena Tlaskalova-Hogenova

List of Publications by Year
in descending order

71 papers	6,111 citations	81839 39 h-index	91828 69 g-index
99 all docs	99 docs citations	99 times ranked	8789 citing authors

#	Article	IF	Citations
1	Differential Activity of IL-12 and IL-23 in Mucosal and Systemic Innate Immune Pathology. Immunity, 2006, 25, 309-318.	6.6	615
2	Commensal bacteria (normal microflora), mucosal immunity and chronic inflammatory and autoimmune diseases. Immunology Letters, 2004, 93, 97-108.	1.1	606
3	The role of gut microbiota (commensal bacteria) and the mucosal barrier in the pathogenesis of inflammatory and autoimmune diseases and cancer: contribution of germ-free and gnotobiotic animal models of human diseases. Cellular and Molecular Immunology, 2011, 8, 110-120.	4.8	594
4	Nod2 is required for the regulation of commensal microbiota in the intestine. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15813-15818.	3.3	504
5	Patterns of Early Gut Colonization Shape Future Immune Responses of the Host. PLoS ONE, 2012, 7, e34043.	1.1	244
6	Segmented filamentous bacteria in a defined bacterial cocktail induce intestinal inflammation in SCID mice reconstituted with CD45RBhigh CD4+ T cells. Inflammatory Bowel Diseases, 2007, 13, 1202-1211.	0.9	177
7	Gut microbiota and lipopolysaccharide content of the diet influence development of regulatory T cells: studies in germ-free mice. BMC Immunology, 2008, 9, 65.	0.9	177
8	Lysate of Probiotic Lactobacillus casei DN-114 001 Ameliorates Colitis by Strengthening the Gut Barrier Function and Changing the Gut Microenvironment. PLoS ONE, 2011, 6, e27961.	1.1	164
9	Gluten-free diet prevents diabetes in NOD mice. Diabetes/Metabolism Research and Reviews, 1999, 15, 323-327.	1.7	140
10	Expression of Toll-like Receptor 2 (TLR2), TLR4, and CD14 in Biopsy Samples of Patients With Inflammatory Bowel Diseases: Upregulated Expression of TLR2 in Terminal Ileum of Patients With Ulcerative Colitis. Journal of Histochemistry and Cytochemistry, 2008, 56, 267-274.	1.3	138
11	Absence of Microbiota (Germ-Free Conditions) Accelerates the Atherosclerosis in ApoE-Deficient Mice Fed Standard Low Cholesterol Diet. Journal of Atherosclerosis and Thrombosis, 2010, 17, 796-804.	0.9	135
12	Oral Administration of Probiotic Escherichia coli after Birth Reduces Frequency of Allergies and Repeated Infections Later in Life (after 10 and 20 Years). International Archives of Allergy and Immunology, 2003, 131, 209-211.	0.9	134
13	Colonization of germ-free mice with a mixture of three lactobacillus strains enhances the integrity of gut mucosa and ameliorates allergic sensitization. Cellular and Molecular Immunology, 2016, 13, 251-262.	4.8	125
14	Intestinal Microbiota Promotes Psoriasis-Like Skin Inflammation by Enhancing Th17 Response. PLoS ONE, 2016, 11, e0159539.	1.1	118
15	Gliadin Fragments Induce Phenotypic and Functional Maturation of Human Dendritic Cells. Journal of Immunology, 2005, 175, 7038-7045.	0.4	94
16	Troy, a Tumor Necrosis Factor Receptor Family Member, Interacts With Lgr5 to Inhibit Wnt Signaling in Intestinal Stem Cells. Gastroenterology, 2013, 144, 381-391.	0.6	94
17	Mucosal Immunity: Its Role in Defense and Allergy. International Archives of Allergy and Immunology, 2002, 128, 77-89.	0.9	92
18	Gliadin Peptides Activate Blood Monocytes from Patients with Celiac Disease. Journal of Clinical Immunology, 2007, 27, 201-209.	2.0	88

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19	Effects of microflora on the neonatal development of gut mucosal T cells and myeloid cells in the mouse. Immunology, 2006, 119, 470-478.	2.0	87
20	Gliadin stimulates human monocytes to production of IL-8 and TNF-Î± through a mechanism involving NF-ÎºB. FEBS Letters, 2004, 571, 81-85.	1.3	83
21	Altered Gut Microbiota Promotes Colitis-Associated Cancer in IL-1 Receptorâ€“Associated Kinase Mâ€“Deficient Mice. Inflammatory Bowel Diseases, 2013, 19, 1266-1277.	0.9	82
22	Gut Microbiota and NAFLD: Pathogenetic Mechanisms, Microbiota Signatures, and Therapeutic Interventions. Microorganisms, 2021, 9, 957.	1.6	81
23	Involvement of Innate Immunity in the Development of Inflammatory and Autoimmune Diseases. Annals of the New York Academy of Sciences, 2005, 1051, 787-798.	1.8	76
24	Diet Rich in Animal Protein Promotes Pro-inflammatory Macrophage Response and Exacerbates Colitis in Mice. Frontiers in Immunology, 2019, 10, 919.	2.2	73
25	Dysbiosis of Skin Microbiota in Psoriatic Patients: Co-occurrence of Fungal and Bacterial Communities. Frontiers in Microbiology, 2019, 10, 438.	1.5	72
26	Administration of a Probiotic Can Change Drug Pharmacokinetics: Effect of E. coli Nissle 1917 on Amidarone Absorption in Rats. PLoS ONE, 2014, 9, e87150.	1.1	72
27	Cytokine Profiling in Human Colostrum and Milk by Protein Array. Clinical Chemistry, 2007, 53, 955-962.	1.5	71
28	Negative regulation of Tollâ€like receptor signaling plays an essential role in homeostasis of the intestine. European Journal of Immunology, 2011, 41, 182-194.	1.6	71
29	Anorexia nervosa: Gut microbiota-immune-brain interactions. Clinical Nutrition, 2020, 39, 676-684.	2.3	66
30	The intestinal microbiota and metabolites in patients with anorexia nervosa. Gut Microbes, 2021, 13, 1-25.	4.3	58
31	The Microbiota Determines Susceptibility to Experimental Autoimmune Uveoretinitis. Journal of Immunology Research, 2016, 2016, 1-11.	0.9	56
32	Microbiota, Microbial Metabolites, and Barrier Function in A Patient with Anorexia Nervosa after Fecal Microbiota Transplantation. Microorganisms, 2019, 7, 338.	1.6	56
33	Colorectal carcinogenesis in germ-free and conventionally reared rats: Different intestinal environments affect the systemic immunity. International Journal of Oncology, 2008, , .	1.4	55
34	Microbiome and Colorectal Carcinoma. Cancer Journal (Sudbury, Mass), 2014, 20, 217-224.	1.0	49
35	Oral Bacterial and Fungal Microbiome Impacts Colorectal Carcinogenesis. Frontiers in Microbiology, 2018, 9, 774.	1.5	49
36	Crucial Role of Microbiota in Experimental Psoriasis Revealed by a Gnotobiotic Mouse Model. Frontiers in Microbiology, 2019, 10, 236.	1.5	48

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37	The Antibody Response in Breast-Fed and Non-Breast-Fed Infants after Artificial Colonization of the Intestine with Escherichia coli 083. Pediatric Research, 1991, 29, 396-399.	1.1	45
38	Development of gut inflammation in mice colonized with mucosa-associated bacteria from patients with ulcerative colitis. Gut Pathogens, 2015, 7, 32.	1.6	43
39	Anti-gliadin Antibodies in Patients with Celiac Disease Cross-react with Enterocytes and Human Calreticulin. Clinical Immunology and Immunopathology, 1997, 85, 289-296.	2.1	39
40	Celiac Disease and Liver Disorders: From Putative Pathogenesis to Clinical Implications. Nutrients, 2018, 10, 892.	1.7	39
41	Effect of bacterial monoassociation on brush-border enzyme activities in ex-germ-free piglets: comparison of commensal and pathogenic Escherichia coli strains. Microbes and Infection, 2006, 8, 2629-2639.	1.0	38
42	Detection of galectin-3 in patients with inflammatory bowel diseases: new serum marker of active forms of IBD?. Inflammation Research, 2009, 58, 503-512.	1.6	35
43	Activation of macrophages by food antigens: enhancing effect of gluten on nitric oxide and cytokine production. Journal of Leukocyte Biology, 2000, 67, 312-318.	1.5	32
44	Inflammatory Bowel Disease Types Differ in Markers of Inflammation, Gut Barrier and in Specific Anti-Bacterial Response. Cells, 2019, 8, 719.	1.8	31
45	Intestinal Microbiota: Facts and Fiction. Digestive Diseases, 2017, 35, 139-147.	0.8	28
46	Two faces of microbiota in inflammatory and autoimmune diseases: triggers and drugs. Apmis, 2013, 121, 403-421.	0.9	25
47	Urinary I-FABP, L-FABP, TFF-3, and SAA Can Diagnose and Predict the Disease Course in Necrotizing Enterocolitis at the Early Stage of Disease. Journal of Immunology Research, 2020, 2020, 1-10.	0.9	24
48	Celiac disease markers in patients with liver diseases: A single center large scale screening study. World Journal of Gastroenterology, 2012, 18, 6255.	1.4	23
49	Urinary Intestinal Fatty Acid-Binding Protein Can Distinguish Necrotizing Enterocolitis from Sepsis in Early Stage of the Disease. Journal of Immunology Research, 2016, 2016, 1-8.	0.9	21
50	A subset of human pancreatic beta cells express functional CD14 receptors: a signaling pathway for beta cellâ€related glycolipids, sulfatide and Î²â€galactosylceramide. Diabetes/Metabolism Research and Reviews, 2010, 26, 656-667.	1.7	20
51	Epitopes of calreticulin recognised by IgA autoantibodies from patients with hepatic and coeliac disease. Journal of Autoimmunity, 2003, 21, 383-392.	3.0	19
52	The role of gut microbiota in intestinal and liver diseases. Laboratory Animals, 2019, 53, 271-280.	0.5	19
53	Colorectal carcinoma: Importance of colonic environment for anti-cancer response and systemic immunity. Journal of Immunotoxicology, 2009, 6, 217-226.	0.9	18
54	Colostrum of Healthy Mothers Contains Broad Spectrum of Secretory IgA Autoantibodies. Journal of Clinical Immunology, 2012, 32, 1372-1380.	2.0	18

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55	Current Aspects of the Role of Autoantibodies Directed Against Appetite-Regulating Hormones and the Gut Microbiome in Eating Disorders. Frontiers in Endocrinology, 2021, 12, 613983.	1.5	18
56	Serologic Markers of Untreated Celiac Disease in Libyan Children: Antigliadin, Antitransglutaminase, Antiendomysial, and Anticalreticulin Antibodies. Journal of Pediatric Gastroenterology and Nutrition, 2001, 33, 276-282.	0.9	17
57	The effect of weaning on the clonality of Î±Î² T-cell receptor T cells in the intestine of GF and SPF mice. Developmental and Comparative Immunology, 2007, 31, 606-617.	1.0	14
58	Safety and efficacy of the immunosuppressive agent 6-tioguanine in murine model of acute and chronic colitis. BMC Gastroenterology, 2011, 11, 47.	0.8	13
59	Effect of Lactobacillus casei on the Pharmacokinetics of Amiodarone in Male Wistar Rats. European Journal of Drug Metabolism and Pharmacokinetics, 2017, 42, 29-36.	0.6	13
60	Detection of ICAM-1 in experimentally induced colitis of ICAM-1-deficient and wild-type mice: an immunohistochemical study. The Histochemical Journal, 2000, 32, 703-709.	0.6	11
61	Monitoring ofin vitrodeamidation of gliadin peptic fragment by mass spectrometry may reflect one of the molecular mechanisms taking place in celiac disease development. Journal of Mass Spectrometry, 2002, 37, 507-511.	0.7	11
62	Unique Gene Expression Signatures in the Intestinal Mucosa and Organoids Derived from Germ-Free and Monoassociated Mice. International Journal of Molecular Sciences, 2019, 20, 1581.	1.8	11
63	Altered Serum Immunological and Biochemical Parameters and Microbiota Composition in Patients With AN During Realimentation. Frontiers in Nutrition, 2021, 8, 680870.	1.6	11
64	Monoassociation of Preterm Germ-Free Piglets with Bifidobacterium animalis Subsp. lactis BB-12 and Its Impact on Infection with Salmonella Typhimurium. Biomedicines, 2021, 9, 183.	1.4	6
65	NMR- and MS-Based Untargeted Metabolomic Study of Stool and Serum Samples from Patients with Anorexia Nervosa. Journal of Proteome Research, 2022, 21, 778-787.	1.8	6
66	Gluten-free diet prevents diabetes in NOD mice. , 1999, 15, 323.		5
67	High Prevalence of Neutrophil Cytoplasmic Autoantibodies in Infants with Food Protein-Induced Proctitis/Proctocolitis: Autoimmunity Involvement?. Journal of Immunology Research, 2015, 2015, 1-8.	0.9	4
68	Anti-calreticulin antibodies and calreticulin in sera of patients diagnosed with dilated or hypertrophic cardiomyopathy. Autoimmunity, 2016, 49, 554-562.	1.2	4
69	Immunomodulatory Components of Human Colostrum and Milk. Nestle Nutrition Institute Workshop Series, 2020, 94, 38-47.	1.5	4
70	The effect of probiotic Escherichia coli strain Nissle 1917 lipopolysaccharide on the 5-aminosalicylic acid transepithelial transport across Caco-2 cell monolayers. General Physiology and Biophysics, 2014, 32, 371-380.	0.4	1
71	Editorial: Employing Experimental Gnotobiotic Models to Decipher the Host-Microbiota Cross-Talk in Health and Disease. Frontiers in Immunology, 2021, 12, 729052.	2.2	0