Simon Keely

List of Publications by Year
in descending order

107 papers	4,453 citations	117625 34 h-index	114465 63 g-index
108 all docs	108 docs citations	108 times ranked	6719 citing authors

#	Article	IF	Citations
1	Î³Î´ Intraepithelial Lymphocytes Facilitate Pathological Epithelial Cell Shedding Via CD103-Mediated Granzyme Release. Gastroenterology, 2022, 162, 877-889.e7.	1.3	28
2	Healthcare Needs and Perceptions of People Living With Inflammatory Bowel Disease in Australia: A Mixed-Methods Study. Crohn's & Colitis 360, 2022, 4, .	1.1	1
3	Duodenal Eosinophils and Mast Cells in Functional Dyspepsia: A Systematic Review and Meta-Analysis of Case-Control Studies. Clinical Gastroenterology and Hepatology, 2022, 20, 2229-2242.e29.	4.4	22
4	Defects in NLRP6, autophagy and goblet cell homeostasis are associated with reduced duodenal CRH receptor 2 expression in patients with functional dyspepsia. Brain, Behavior, and Immunity, 2022, 101, 335-345.	4.1	12
5	Circadian Rhythms and Melatonin Metabolism in Patients With Disorders of Gut-Brain Interactions. Frontiers in Neuroscience, 2022, 16, 825246.	2.8	10
6	Immune responses in the irritable bowel syndromes: time to consider the small intestine. BMC Medicine, 2022, 20, 115.	5.5	12
7	Human intestinal spirochetosis, irritable bowel syndrome, and colonic polyps: A systematic review and metaâ€analysis. Journal of Gastroenterology and Hepatology (Australia), 2022, 37, 1222-1234.	2.8	11
8	Role of the duodenal microbiota in functional dyspepsia. Neurogastroenterology and Motility, 2022, 34, e14372.	3.0	10
9	Neonatal immune challenge influences the microbiota and behaviour in a sexually dimorphic manner. Brain, Behavior, and Immunity, 2022, 103, 232-242.	4.1	5
10	Eosinophils, Hypoxia-Inducible Factors, and Barrier Dysfunction in Functional Dyspepsia. Frontiers in Allergy, 2022, 3, .	2.8	5
11	The microbiota in eosinophilic esophagitis: A systematic review. Journal of Gastroenterology and Hepatology (Australia), 2022, 37, 1673-1684.	2.8	9
12	Impact of diet and the bacterial microbiome on the mucous barrier and immune disorders. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 714-734.	5.7	66
13	Genetic Variation in the Bitter Receptors Responsible for Epicatechin Detection Are Associated with BMI in an Elderly Cohort. Nutrients, 2021, 13, 571.	4.1	5
14	Mechanisms of Food-Induced Symptom Induction and Dietary Management in Functional Dyspepsia. Nutrients, 2021, 13, 1109.	4.1	36
15	Pharmacological HIF-1 stabilization promotes intestinal epithelial healing through regulation of Î±-integrin expression and function. American Journal of Physiology - Renal Physiology, 2021, 320, G420-G438.	3.4	20
16	Letter: budesonide for functional dyspepsia with duodenal eosinophiliaâ€”randomised, doubleâ€blind, placeboâ€controlled parallelâ€group trial. Alimentary Pharmacology and Therapeutics, 2021, 53, 1332-1333.	3.7	14
17	T-helper 22 cells develop as a distinct lineage from Th17 cells during bacterial infection and phenotypic stability is regulated by T-bet. Mucosal Immunology, 2021, 14, 1077-1087.	6.0	13
18	Bioavailability of arsenic, cadmium, lead and mercury as measured by intestinal permeability. Scientific Reports, 2021, 11, 14675.	3.3	17

#	Article	IF	Citations
19	Sleep disturbances in the irritable bowel syndrome and functional dyspepsia are independent of psychological distress: a populationâ€based study of 1322 Australians. Alimentary Pharmacology and Therapeutics, 2021, 54, 627-636.	3.7	9
20	Spore-forming probiotics for functional dyspepsia. The Lancet Gastroenterology and Hepatology, 2021, 6, 772-773.	8.1	0
21	Physiological mechanisms of unexplained (functional) gastrointestinal disorders. Journal of Physiology, 2021, 599, 5141-5161.	2.9	9
22	Clinical medicine journals lag behind science journals with regards to â€œmicrobiota sequenceâ€•data availability. Clinical and Translational Medicine, 2021, 11, e656.	4.0	0
23	Zonulin in serum as a biomarker fails to identify the IBS, functional dyspepsia and non-coeliac wheat sensitivity. Gut, 2020, 69, 1719-1722.	12.1	24
24	Hypoxiaâ€inducible factor and bacterial infections in chronic obstructive pulmonary disease. Respirology, 2020, 25, 53-63.	2.3	37
25	Incidence and prevalence of selfâ€reported nonâ€coeliac wheat sensitivity and gluten avoidance in Australia. Medical Journal of Australia, 2020, 212, 126-131.	1.7	26
26	Roles of healthcare professionals in the management of chronic gastrointestinal diseases with a focus on primary care: A systematic review. JGH Open, 2020, 4, 221-229.	1.6	19
27	A Role for Primary Care Pharmacists in the Management of Inflammatory Bowel Disease? Lessons from Chronic Disease: A Systematic Review. Pharmacy (Basel, Switzerland), 2020, 8, 204.	1.6	9
28	Wheat Sensitivity and Functional Dyspepsia: A Pilot, Double-Blind, Randomized, Placebo-Controlled Dietary Crossover Trial with Novel Challenge Protocol. Nutrients, 2020, 12, 1947.	4.1	20
29	Functional Dyspepsia and Food: Immune Overlap with Food Sensitivity Disorders. Current Gastroenterology Reports, 2020, 22, 51.	2.5	16
30	Duodenal bacterial load as determined by quantitative polymerase chain reaction in asymptomatic controls, functional gastrointestinal disorders and inflammatory bowel disease. Alimentary Pharmacology and Therapeutics, 2020, 52, 155-167.	3.7	28
31	Intense Sweeteners, Taste Receptors and the Gut Microbiome: A Metabolic Health Perspective. International Journal of Environmental Research and Public Health, 2020, 17, 4094.	2.6	23
32	Markers of Hypoxia Correlate with Histologic and Endoscopic Severity of Colitis in Inflammatory Bowel Disease . Hypoxia (Auckland, N Z), 2020, Volume 8, 1-12.	1.9	4
33	Does postoperative inflammation or sepsis generate neutrophil extracellular traps that influence colorectal cancer progression? A systematic review. Surgery Open Science, 2020, 2, 57-69.	1.2	9
34	GSTO1â€1 is an upstream suppressor of M2 macrophage skewing and HIFâ€1Î±â€induced eosinophilic airway inflammation. Clinical and Experimental Allergy, 2020, 50, 609-624.	2.9	17
35	Bacterial therapy for irritable bowel syndrome. The Lancet Gastroenterology and Hepatology, 2020, 5, 627-629.	8.1	2
36	Duodenal inflammation: an emerging target for functional dyspepsia?. Expert Opinion on Therapeutic Targets, 2020, 24, 511-523.	3.4	29

#	Article	IF	Citations
37	Duodenal bile acids as determinants of intestinal mucosal homeostasis and disease. Neurogastroenterology and Motility, 2020, 32, e13854.	3.0	7
38	Pharmacistsâ€™ Confidence in Managing Patients with Inflammatory Bowel Disease. Pharmacy (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10	1.6	2
39	Platelet activating factor receptor acts to limit colitisâ€induced liver inflammation. FASEB Journal, 2020, 34, 7718-7732.	0.5	14
40	Systematic Review on the Influence of Tissue Oxygenation on Gut Microbiota and Anastomotic Healing. Journal of Surgical Research, 2020, 249, 186-196.	1.6	11
41	Effects of Antibiotic Therapy in Primary Sclerosing Cholangitis with and without Inflammatory Bowel Disease: A Systematic Review and Meta-Analysis. Seminars in Liver Disease, 2019, 39, 432-441.	3.6	52
42	Isolation and In Vitro Culture of Human Gut Progenitor Cells. Methods in Molecular Biology, 2019, 2029, 49-62.	0.9	1
43	Microbiome-focused asthma management strategies. Current Opinion in Pharmacology, 2019, 46, 143-149.	3.5	15
44	The Alignment of Dietary Intake and Symptom-Reporting Capture Periods in Studies Assessing Associations between Food and Functional Gastrointestinal Disorder Symptoms: A Systematic Review. Nutrients, 2019, 11, 2590.	4.1	5
45	Population based study: atopy and autoimmune diseases are associated with functional dyspepsia and irritable bowel syndrome, independent of psychological distress. Alimentary Pharmacology and Therapeutics, 2019, 49, 546-555.	3.7	62
46	Functional effects of the microbiota in chronic respiratory disease. Lancet Respiratory Medicine,the, 2019, 7, 907-920.	10.7	269
47	Follow up on atopy and the gastrointestinal tract â€“ a review of a common association 2018. Expert Review of Gastroenterology and Hepatology, 2019, 13, 437-445.	3.0	4
48	In the ZOne: How Impedance Facilitates Progress in Functional Dyspepsia Research. Digestive Diseases and Sciences, 2019, 64, 3027-3029.	2.3	2
49	PAI-1 augments mucosal damage in colitis. Science Translational Medicine, 2019, 11, .	12.4	44
50	Platelet activating factor receptor regulates colitis-induced pulmonary inflammation through the NLRP3 inflammasome. Mucosal Immunology, 2019, 12, 862-873.	6.0	43
51	FOXO3 Loss Drives Inflammation-Associated CRC: The Consequences of Being (Knock)Out-FOXâ€™d. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 295-296.	4.5	0
52	Interactions between taste receptors and the gastrointestinal microbiome in inflammatory bowel disease. Journal of Nutrition & Intermediary Metabolism, 2019, 18, 100106.	1.7	10
53	Circulating Anti-cytolethal Distending Toxin B and Anti-vinculin Antibodies as Biomarkers in Community and Healthcare Populations With Functional Dyspepsia and Irritable Bowel Syndrome. Clinical and Translational Gastroenterology, 2019, 10, e00064.	2.5	33
54	Evidence for Local and Systemic Immune Activation in Functional Dyspepsia and the Irritable Bowel Syndrome: A Systematic Review. American Journal of Gastroenterology, 2019, 114, 429-436.	0.4	93

#	Article	IF	Citations
55	Immune Activation in Functional Gastrointestinal Disorders. Gastroenterology and Hepatology, 2019, 15, 539-548.	0.1	3
56	Reduced deoxyribonuclease enzyme activity in response to high postinjury mitochondrial DNA concentration provides a therapeutic target for Systemic Inflammatory Response Syndrome. Journal of Trauma and Acute Care Surgery, 2018, 85, 354-358.	2.1	21
57	Endophenotyping eosinophilic oesophagitis: a new era for management?. The Lancet Gastroenterology and Hepatology, 2018, 3, 449-450.	8.1	3
58	IL-6 Drives Neutrophil-Mediated Pulmonary Inflammation Associated with Bacteremia in Murine Models of Colitis. American Journal of Pathology, 2018, 188, 1625-1639.	3.8	46
59	A Rodent Model of Anxiety: The Effect of Perinatal Immune Challenges on Gastrointestinal Inflammation and Integrity. NeuroImmunoModulation, 2018, 25, 163-175.	1.8	3
60	Interactions between Bitter Taste, Diet and Dysbiosis: Consequences for Appetite and Obesity. Nutrients, 2018, 10, 1336.	4.1	27
61	Letter: gluten sensitivity in patients with inflammatory bowel disease. Alimentary Pharmacology and Therapeutics, 2018, 48, 1167-1168.	3.7	1
62	Whatâ€™s in a name? â€˜Non-coeliac gluten or wheat sensitivityâ€™: controversies and mechanisms related to wheat and gluten causing gastrointestinal symptoms or disease. Gut, 2018, 67, 2073-2077.	12.1	16
63	The bile acids, deoxycholic acid and ursodeoxycholic acid, regulate colonic epithelial wound healing. American Journal of Physiology - Renal Physiology, 2018, 314, G378-G387.	3.4	47
64	Wheat Intolerance and Chronic Gastrointestinal Symptoms in an Australian Population-based Study: Association Between Wheat Sensitivity, Celiac Disease and Functional Gastrointestinal Disorders. American Journal of Gastroenterology, 2018, 113, 1036-1044.	0.4	60
65	Chronic cigarette smoke exposure induces systemic hypoxia that drives intestinal dysfunction. JCI Insight, 2018, 3, .	5.0	103
66	Colonic bile acids regulate epithelial wound healing. FASEB Journal, 2018, 32, 873.15.	0.5	0
67	Corticotrophin Releasing Hormone Regulates NLRP6 and Disrupts Mucosal Homeostasis in Functional Dyspepsia. FASEB Journal, 2018, 32, 406.6.	0.5	0
68	Seroreactivity to Microbial Antigens and Gutâ€Homing Immune Responses in Functional Dyspepsia Patients with Postprandial Distress Syndrome. FASEB Journal, 2018, 32, 613.3.	0.5	0
69	Regulation of IL-12p40 by HIF controls Th1/Th17 responses to prevent mucosal inflammation. Mucosal Immunology, 2017, 10, 1224-1236.	6.0	26
70	Ursodeoxycholic acid and lithocholic acid exert anti-inflammatory actions in the colon. American Journal of Physiology - Renal Physiology, 2017, 312, G550-G558.	3.4	170
71	MicroRNA-21 drives severe, steroid-insensitive experimental asthma by amplifying phosphoinositide 3-kinaseâ€“mediated suppression of histone deacetylase 2. Journal of Allergy and Clinical Immunology, 2017, 139, 519-532.	2.9	176
72	Altered intrinsic and synaptic properties of lumbosacral dorsal horn neurons in a mouse model of colitis. Neuroscience, 2017, 362, 152-167.	2.3	7

#	Article	IF	Citations
73	Genetics, Mucosal Inflammation and the Environment in Post-Infectious Chronic Gut Syndromes. American Journal of Gastroenterology Supplements (Print), 2016, 3, 46-51.	0.7	2
74	Ex Vivo Intestinal Sacs to Assess Mucosal Permeability in Models of Gastrointestinal Disease. Journal of Visualized Experiments, 2016, , e53250.	0.3	27
75	In vivo characterization of colorectal and cutaneous inputs to lumbosacral dorsal horn neurons in the mouse spinal cord. Neuroscience, 2016, 316, 13-25.	2.3	8
76	Towards an integrated understanding of the therapeutic utility of exclusive enteral nutrition in the treatment of Crohn's disease. Food and Function, 2016, 7, 1741-1751.	4.6	16
77	Letter: oxidative stress, cause or consequence of constipationâ€associated colorectal cancer?. Alimentary Pharmacology and Therapeutics, 2015, 42, 941-942.	3.7	0
78	Stop Press: Eosinophils Drafted to Join the Th17 Team. Immunity, 2015, 43, 7-9.	14.3	18
79	Advances in oral nano-delivery systems for colon targeted drug delivery in inflammatory bowel disease: Selective targeting to diseased versus healthy tissue. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1117-1132.	3.3	383
80	Oral Delivery of Prolyl Hydroxylase Inhibitor. Inflammatory Bowel Diseases, 2015, 21, 267-275.	1.9	52
81	Immune dysregulation in the functional gastrointestinal disorders. European Journal of Clinical Investigation, 2015, 45, 1350-1359.	3.4	75
82	Potential mechanisms regulating pulmonary pathology in inflammatory bowel disease. Journal of Leukocyte Biology, 2015, 98, 727-737.	3.3	47
83	Understanding and targeting centrally mediated visceral pain in inflammatory bowel disease. Frontiers in Pharmacology, 2014, 5, 27.	3.5	33
84	Contribution of epithelial innate immunity to systemic protection afforded by prolyl hydroxylase inhibition in murine colitis. Mucosal Immunology, 2014, 7, 114-123.	6.0	102
85	A Systematic Review of the Evidence for Central Nervous System Plasticity in Animal Models of Inflammatory-mediated Gastrointestinal Pain. Inflammatory Bowel Diseases, 2014, 20, 176-195.	1.9	35
86	Oxygen in the regulation of intestinal epithelial transport. Journal of Physiology, 2014, 592, 2473-2489.	2.9	46
87	Lung-Gut Cross Talk. Chest, 2014, 145, 199-200.	0.8	34
88	A new short-term mouse model of chronic obstructive pulmonary disease identifies a role for mast cell tryptase in pathogenesis. Journal of Allergy and Clinical Immunology, 2013, 131, 752-762.e7.	2.9	210
89	Hypoxia and Integrin-Mediated Epithelial Restitution during Mucosal Inflammation. Frontiers in Immunology, 2013, 4, 272.	4.8	43
90	Pulmonary-intestinal cross-talk in mucosal inflammatory disease. Mucosal Immunology, 2012, 5, 7-18.	6.0	283

#	Article	IF	Citations
91	Activated fluid transport regulates bacterial-epithelial interactions and significantly shifts the murine colonic microbiome. Gut Microbes, 2012, 3, 250-260.	9.8	49
92	Immune modulation by prolyl hydroxylase inhibition contributes to the prevention of endotoxemia in a murine model of inflammatory bowel disease.. FASEB Journal, 2012, 26, 276.7.	0.5	0
93	HIF prolyl hydroxylase inhibition reverses disease symptoms in established TNBS colitis.. Inflammatory Bowel Diseases, 2011, 17, S14-S14.	1.9	0
94	Antiâ€inflammatory actions of adrenomedullin through fine tuning of HIF stabilization. FASEB Journal, 2011, 25, 1856-1864.	0.5	44
95	Chloride-led Disruption of the Intestinal Mucous Layer Impedes <i>Salmonella</i> Invasion: Evidence for an â€˜Enteric Tearâ€™ Mechanism. Cellular Physiology and Biochemistry, 2011, 28, 743-752.	1.6	20
96	An Endogenously Anti-Inflammatory Role for Methylation in Mucosal Inflammation Identified through Metabolite Profiling. Journal of Immunology, 2011, 186, 6505-6514.	0.8	59
97	Hypoxia-inducible Factor-dependent Regulation of Platelet-activating Factor Receptor as a Route for Gram-Positive Bacterial Translocation across Epithelia. Molecular Biology of the Cell, 2010, 21, 538-546.	2.1	42
98	Resolvin E1-induced intestinal alkaline phosphatase promotes resolution of inflammation through LPS detoxification. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14298-14303.	7.1	161
99	Selective induction of integrin Î²i by hypoxiaâ€inducible factor: implications for wound healing. FASEB Journal, 2009, 23, 1338-1346.	0.5	90
100	Dexamethasoneâ€“pDMAEMA polymeric conjugates reduce inflammatory biomarkers in human intestinal epithelial monolayers. Journal of Controlled Release, 2009, 135, 35-43.	9.9	44
101	A Tertiary Amino-Containing Polymethacrylate Polymer Protects Mucus-Covered Intestinal Epithelial Monolayers Against Pathogenic Challenge. Pharmaceutical Research, 2008, 25, 1193-1201.	3.5	16
102	Mucosal Protection by Hypoxia-Inducible Factor Prolyl Hydroxylase Inhibition. Gastroenterology, 2008, 134, 145-155.	1.3	336
103	The effects of cobalt and iodine supplementation of the pregnant ewe diet on immunoglobulin G, vitamin E, T3 and T4 levels in the progeny. Animal, 2008, 2, 197-206.	3.3	21
104	Increased Intestinal Permeability in Rats Subjected to Traumatic Frontal Lobe Percussion Brain Injury. Journal of Trauma, 2008, 64, 131-138.	2.3	44
105	A Comparison of the Inhibitory Effects of Bupivacaine and Levobupivacaine on Isolated Human Pregnant Myometrium Contractility. Anesthesia and Analgesia, 2008, 107, 1303-1307.	2.2	11
106	Fluorescently tagged star polymers by living radical polymerisation for mucoadhesion and bioadhesion. Reactive and Functional Polymers, 2006, 66, 51-64.	4.1	59
107	In Vitro and ex Vivo Intestinal Tissue Models to Measure Mucoadhesion of Poly (Methacrylate) and N-Trimethylated Chitosan Polymers. Pharmaceutical Research, 2005, 22, 38-49.	3.5	89