Markus Neurath

List of Publications by Year
in descending order

310 papers	24,308 citations	14614 66 h-index	8835 145 g-index
317 all docs	317 docs citations	317 times ranked	31394 citing authors

#	Article	IF	Citations
1	Cytokines in inflammatory bowel disease. Nature Reviews Immunology, 2014, 14, 329-342.	10.6	1,941
2	IL-35-producing B cells are critical regulators of immunity during autoimmune and infectious diseases. Nature, 2014, 507, 366-370.	13.7	882
3	STAT3 links IL-22 signaling in intestinal epithelial cells to mucosal wound healing. Journal of Experimental Medicine, 2009, 206, 1465-1472.	4.2	880
4	Chemically induced mouse models of acute and chronic intestinal inflammation. Nature Protocols, 2017, 12, 1295-1309.	5.5	862
5	Caspase-8 regulates TNF-Î±-induced epithelial necroptosis and terminal ileitis. Nature, 2011, 477, 335-339.	13.7	737
6	TGF-Î² Suppresses Tumor Progression in Colon Cancer by Inhibition of IL-6 trans-Signaling. Immunity, 2004, 21, 491-501.	6.6	700
7	Mucosal healing in inflammatory bowel diseases: a systematic review. Gut, 2012, 61, 1619-1635.	6.1	673
8	An inducible mouse model of colon carcinogenesis for the analysis of sporadic and inflammation-driven tumor progression. Nature Protocols, 2007, 2, 1998-2004.	5.5	586
9	Environmental triggers in IBD: a review of progress and evidence. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 39-49.	8.2	573
10	Development of Spontaneous Airway Changes Consistent with Human Asthma in Mice Lacking T-bet. Science, 2002, 295, 336-338.	6.0	562
11	Current and emerging therapeutic targets for IBD. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 269-278.	8.2	478
12	IL-6 signaling in autoimmunity, chronic inflammation and inflammation-associated cancer. Cytokine and Growth Factor Reviews, 2011, 22, 83-89.	3.2	450
13	RORÎ³-Expressing Th17 Cells Induce Murine Chronic Intestinal Inflammation via Redundant Effects of IL-17A and IL-17F. Gastroenterology, 2009, 136, 257-267.	0.6	408
14	Mend Your Fences. Cellular and Molecular Gastroenterology and Hepatology, 2017, 4, 33-46.	2.3	407
15	Isolation and subsequent analysis of murine lamina propria mononuclear cells from colonic tissue. Nature Protocols, 2007, 2, 2307-2311.	5.5	398
16	Targeting immune cell circuits and trafficking in inflammatory bowel disease. Nature Immunology, 2019, 20, 970-979.	7.0	390
17	Vascular occlusion by neutrophil extracellular traps in COVID-19. EBioMedicine, 2020, 58, 102925.	2.7	369
18	Mongersen, an Oral SMAD7 Antisense Oligonucleotide, and Crohnâ€™s Disease. New England Journal of Medicine, 2015, 372, 1104-1113.	13.9	366

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19	Induction therapy with the selective interleukin-23 inhibitor risankizumab in patients with moderate-to-severe Crohn's disease: a randomised, double-blind, placebo-controlled phase 2 study. Lancet, The, 2017, 389, 1699-1709.	6.3	364
20	In vivo imaging using fluorescent antibodies to tumor necrosis factor predicts therapeutic response in Crohn's disease. Nature Medicine, 2014, 20, 313-318.	15.2	349
21	How Cytokine Networks Fuel Inflammation: Toward a cytokine-based disease taxonomy. Nature Medicine, 2013, 19, 822-824.	15.2	341
22	TH9 cells that express the transcription factor PU.1 drive T cellâ€“mediated colitis via IL-9 receptor signaling in intestinal epithelial cells. Nature Immunology, 2014, 15, 676-686.	7.0	338
23	Resolution of chronic inflammatory disease: universal and tissue-specific concepts. Nature Communications, 2018, 9, 3261.	5.8	272
24	Antiâ€“interleukin 12 treatment regulates apoptosis of Th1 T cells in experimental colitis in mice. Gastroenterology, 1999, 117, 1078-1088.	0.6	263
25	Multispectral Optoacoustic Tomography for Assessment of Crohnâ€™s Disease Activity. New England Journal of Medicine, 2017, 376, 1292-1294.	13.9	233
26	COVID-19 and immunomodulation in IBD. Gut, 2020, 69, 1335-1342.	6.1	221
27	Externalized decondensed neutrophil chromatin occludes pancreatic ducts and drives pancreatitis. Nature Communications, 2016, 7, 10973.	5.8	207
28	Antibodies Against Tumor Necrosis Factor (TNF) Induce T-Cell Apoptosis in Patients With Inflammatory Bowel Diseases via TNF Receptor 2 and Intestinal CD14+ Macrophages. Gastroenterology, 2011, 141, 2026-2038.	0.6	206
29	Identification of Epithelial Gaps in Human Small and Large Intestine by Confocal Endomicroscopy. Gastroenterology, 2007, 133, 1769-1778.	0.6	204
30	Methotrexate hampers immunogenicity to BNT162b2 mRNA COVID-19 vaccine in immune-mediated inflammatory disease. Annals of the Rheumatic Diseases, 2021, 80, 1339-1344.	0.5	202
31	STAT3 activation through IL-6/IL-11 in cancer-associated fibroblasts promotes colorectal tumour development and correlates with poor prognosis. Gut, 2020, 69, 1269-1282.	6.1	181
32	Interleukin-12: Functional activities and implications for disease. Cytokine and Growth Factor Reviews, 2015, 26, 559-568.	3.2	178
33	New pathophysiological insights and modern treatment of IBD. Journal of Gastroenterology, 2010, 45, 571-583.	2.3	170
34	Molecular mechanism of action of anti-tumor necrosis factor antibodies in inflammatory bowel diseases. World Journal of Gastroenterology, 2016, 22, 9300.	1.4	165
35	Reframing Immune-Mediated Inflammatory Diseases through Signature Cytokine Hubs. New England Journal of Medicine, 2021, 385, 628-639.	13.9	156
36	SARS-CoV-2 vaccination responses in untreated, conventionally treated and anticytokine-treated patients with immune-mediated inflammatory diseases. Annals of the Rheumatic Diseases, 2021, 80, 1312-1316.	0.5	154

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37	Hobit- and Blimp-1-driven CD4+ tissue-resident memory T cells control chronic intestinal inflammation. Nature Immunology, 2019, 20, 288-300.	7.0	152
38	Inhibiting Interleukin 36 Receptor Signaling Reduces Fibrosis in Mice With Chronic Intestinal Inflammation. Gastroenterology, 2019, 156, 1082-1097.e11.	0.6	148
39	Master regulator of intestinal disease: IL-6 in chronic inflammation and cancer development. Seminars in Immunology, 2014, 26, 75-79.	2.7	146
40	Expansion of IL-23 receptor bearing TNFR2+ T cells is associated with molecular resistance to anti-TNF therapy in Crohnâ€™s disease. Gut, 2019, 68, 814-828.	6.1	146
41	Pleiotropic functions of TNF-Î± in the regulation of the intestinal epithelial response to inflammation. International Immunology, 2014, 26, 509-515.	1.8	144
42	IL-36R signalling activates intestinal epithelial cells and fibroblasts and promotes mucosal healing in vivo. Gut, 2017, 66, 823-838.	6.1	142
43	IL-23 in inflammatory bowel diseases and colon cancer. Cytokine and Growth Factor Reviews, 2019, 45, 1-8.	3.2	142
44	Differential effects of Î±4Î²7 and GPR15 on homing of effector and regulatory T cells from patients with UC to the inflamed gut in vivo. Gut, 2016, 65, 1642-1664.	6.1	138
45	The pseudokinase MLKL mediates programmed hepatocellular necrosis independently of RIPK3 during hepatitis. Journal of Clinical Investigation, 2016, 126, 4346-4360.	3.9	130
46	Detection of collagens by multispectral optoacoustic tomography as an imaging biomarker for Duchenne muscular dystrophy. Nature Medicine, 2019, 25, 1905-1915.	15.2	129
47	Treatment of T Cell-Dependent Experimental Colitis in SCID Mice by Local Administration of an Adenovirus Expressing IL-18 Antisense mRNA. Journal of Immunology, 2002, 168, 411-420.	0.4	123
48	Neutrophil Extracellular Traps Initiate Gallstone Formation. Immunity, 2019, 51, 443-450.e4.	6.6	115
49	MÃ©nage-Ã-Trois: The Ratio of Bicarbonate to CO2 and the pH Regulate the Capacity of Neutrophils to Form NETs. Frontiers in Immunology, 2016, 7, 583.	2.2	112
50	Immune cell trafficking and retention in inflammatory bowel disease: mechanistic insights and therapeutic advances. Gut, 2019, 68, 1688-1700.	6.1	108
51	Programming of Intestinal Epithelial Differentiation by IL-33 Derived from Pericryptal Fibroblasts in Response to Systemic Infection. Cell Reports, 2016, 15, 1743-1756.	2.9	100
52	Blockade of Î±EÎ²7 integrin suppresses accumulation of CD8⁺and Th9 lymphocytes from patients with IBD in the inflamed gut in vivo. Gut, 2017, 66, 1936-1948.	6.1	99
53	Tumor fibroblastâ€“derived epiregulin promotes growth of colitis-associated neoplasms through ERK. Journal of Clinical Investigation, 2013, 123, 1428-1443.	3.9	95
54	Colitis-associated cancer: the role of T cells in tumor development. Seminars in Immunopathology, 2009, 31, 249-256.	2.8	92

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55	Gutâ€“Liver Axis: How Do Gut Bacteria Influence the Liver?. Medical Sciences (Basel, Switzerland), 2018, 6, 79.	1.3	92
56	Influence of low FODMAP and gluten-free diets on disease activity and intestinal microbiota in patients with non-celiac gluten sensitivity. Clinical Nutrition, 2019, 38, 697-707.	2.3	89
57	The Î±4Î²1 Homing Pathway Is Essential for Ileal Homing of CrohnÊ¼s Disease Effector T Cells In Vivo. Inflammatory Bowel Diseases, 2017, 23, 379-391.	0.9	88
58	Complex Roles of Caspases in the Pathogenesis of Inflammatory Bowel Disease. Gastroenterology, 2013, 144, 283-293.	0.6	85
59	Advances in hepatitis C therapy: What is the current state - what come's next?. World Journal of Hepatology, 2016, 8, 139.	0.8	85
60	Caspase-8 controls the gut response to microbial challenges by Tnf-Î±-dependent and independent pathways. Gut, 2015, 64, 601-610.	6.1	84
61	Role of the IL23/IL17 Pathway in Crohnâ€™s Disease. Frontiers in Immunology, 2021, 12, 622934.	2.2	84
62	Mechanisms of Immune Signaling in Colitis-Associated Cancer. Cellular and Molecular Gastroenterology and Hepatology, 2015, 1, 6-16.	2.3	82
63	Molecular pathways controlling barrier function in IBD. Nature Reviews Gastroenterology and Hepatology, 2015, 12, 67-68.	8.2	81
64	Non-classical monocyte homing to the gut via Î±4Î²7 integrin mediates macrophage-dependent intestinal wound healing. Gut, 2020, 69, 252-263.	6.1	80
65	Patients with immune-mediated inflammatory diseases receiving cytokine inhibitors have low prevalence of SARS-CoV-2 seroconversion. Nature Communications, 2020, 11, 3774.	5.8	78
66	PGAM5-mediated programmed necrosis of hepatocytes drives acute liver injury. Gut, 2017, 66, 716-723.	6.1	77
67	Temporally Distinct Functions of the Cytokines IL-12 and IL-23 Drive Chronic Colon Inflammation in Response to Intestinal Barrier Impairment. Immunity, 2019, 51, 367-380.e4.	6.6	76
68	COVID-19 and immune-mediated inflammatory diseases: effect of disease and treatment on COVID-19 outcomes and vaccine responses. Lancet Rheumatology, The, 2021, 3, e724-e736.	2.2	76
69	Hostâ€“microbiota interactions in inflammatory bowel disease. Nature Reviews Gastroenterology and Hepatology, 2020, 17, 76-77.	8.2	73
70	Activation of Epithelial Signal Transducer and Activator of Transcription 1 by Interleukin 28 Controls Mucosal Healing inÂMice With Colitis and Is Increased in Mucosa of Patients WithÂInflammatory Bowel Disease. Gastroenterology, 2017, 153, 123-138.e8.	0.6	72
71	Confocal Endomicroscopy Identifies Loss of Local Barrier Function in the Duodenum of Patients with CrohnÊ¼s Disease and Ulcerative Colitis. Inflammatory Bowel Diseases, 2014, 20, 892-900.	0.9	71
72	Personalizing Treatment in IBD: Hype or Reality in 2020? Can We Predict Response to Anti-TNF?. Frontiers in Medicine, 2020, 7, 517.	1.2	70

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73	IL-9 regulates intestinal barrier function in experimental T cell-mediated colitis. Tissue Barriers, 2015, 3, e983777.	1.6	68
74	Thiopurines in Inflammatory Bowel Disease: New Findings and Perspectives. Journal of Crohn's and Colitis, 2018, 12, 610-620.	0.6	67
75	Rectal Delivery of a DNAzyme That Specifically Blocks theÂTranscription Factor GATA3 and Reduces Colitis in Mice. Gastroenterology, 2017, 152, 176-192.e5.	0.6	66
76	Visualizing transfer of microbial biomolecules by outer membrane vesicles in microbeâ€hostâ€ccommunication in vivo. Journal of Extracellular Vesicles, 2021, 10, e12159.	5.5	66
77	Molecular imaging of mucosal Î±4Î²7 integrin expression withÂthe fluorescent anti-adhesion antibody vedolizumab inÂCrohnâ€™s disease. Gastrointestinal Endoscopy, 2017, 86, 406-408.	0.5	65
78	Integrating Immunologic Signaling Networks: The JAK/STAT Pathway in Colitis and Colitis-Associated Cancer. Vaccines, 2016, 4, 5.	2.1	64
79	Interferon Lambda Promotes Paneth Cell Death Via STAT1 Signaling in Mice and Is Increased in Inflamed Ileal Tissues of Patients With Crohnâ€™s Disease. Gastroenterology, 2019, 157, 1310-1322.e13.	0.6	63
80	Clinical Effects of a Topically Applied Toll-like Receptor 9 Agonist in Active Moderate-to-Severe Ulcerative Colitis. Journal of Crohn's and Colitis, 2016, 10, 1294-1302.	0.6	62
81	Multispectral Optoacoustic Tomography in Crohnâ€™s Disease: Noninvasive Imaging of Disease Activity. Gastroenterology, 2016, 151, 238-240.	0.6	61
82	Regression of apoptosis-resistant colorectal tumors by induction of necroptosis in mice. Journal of Experimental Medicine, 2017, 214, 1655-1662.	4.2	60
83	Mechanisms of molecular resistance and predictors of response to biological therapy in inflammatory bowel disease. The Lancet Gastroenterology and Hepatology, 2018, 3, 790-802.	3.7	60
84	Resolution of ulcerative colitis. Seminars in Immunopathology, 2019, 41, 747-756.	2.8	60
85	Batf-dependent Th17 cells critically regulate IL-23 driven colitis-associated colon cancer. Gut, 2016, 65, 1139-1150.	6.1	59
86	Targeting the VEGF signaling pathway in cancer therapy. Expert Opinion on Therapeutic Targets, 2012, 16, 5-13.	1.5	57
87	IL-36 in chronic inflammation and fibrosis â€” bridging the gap?. Journal of Clinical Investigation, 2021, 131, .	3.9	57
88	Acoustic radiation force impulse shear wave elastography (ARFI) of acute and chronic pancreatitis and pancreatic tumor. European Journal of Radiology, 2016, 85, 2211-2216.	1.2	56
89	Mucosal Biofilms Are an Endoscopic Feature of Irritable Bowel Syndrome and Ulcerative Colitis. Gastroenterology, 2021, 161, 1245-1256.e20.	0.6	55
90	Interobserver and intermodality agreement of standardized algorithms for non-invasive diagnosis of hepatocellular carcinoma in high-risk patients: CEUS-LI-RADS versus MRI-LI-RADS. European Radiology, 2018, 28, 4254-4264.	2.3	54

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91	Confocal laser endomicroscopy and narrow-band imaging-aided endoscopy for in vivo imaging of colitis and colon cancer in mice. Nature Protocols, 2011, 6, 1471-1481.	5.5	53
92	Intestinal Mucosal Wound Healing and Barrier Integrity in IBDâ€“Crosstalk and Trafficking of Cellular Players. Frontiers in Medicine, 2021, 8, 643973.	1.2	52
93	Th9 cells in inflammatory bowel diseases. Seminars in Immunopathology, 2017, 39, 89-95.	2.8	50
94	Targeting mucosal healing in Crohnâ€™s disease: what the clinician needs to know. Therapeutic Advances in Gastroenterology, 2019, 12, 175628481985686.	1.4	50
95	Colitis-associated neoplasia: molecular basis and clinical translation. Cellular and Molecular Life Sciences, 2014, 71, 3523-3535.	2.4	49
96	Activation of Intestinal Epithelial Stat3 Orchestrates Tissue Defense during Gastrointestinal Infection. PLoS ONE, 2015, 10, e0118401.	1.1	48
97	Serum Autotaxin is a Marker of the Severity of Liver Injury and Overall Survival in Patients with Cholestatic Liver Diseases. Scientific Reports, 2016, 6, 30847.	1.6	48
98	Current and Future Targets for Mucosal Healing in Inflammatory Bowel Disease. Visceral Medicine, 2017, 33, 82-88.	0.5	48
99	Effects of whole-body electromyostimulation combined with individualized nutritional support on body composition in patients with advanced cancer: a controlled pilot trial. BMC Cancer, 2018, 18, 886.	1.1	48
100	The activating protein 1 transcription factor basic leucine zipper transcription factor, ATF-like (BATF), regulates lymphocyte- and mast cellâ€“driven immune responses in the setting of allergic asthma. Journal of Allergy and Clinical Immunology, 2014, 133, 198-206.e9.	1.5	47
101	Endoscopic full-thickness resection with an over-the-scope clip device (FTRD) in the colorectum: results from a university tertiary referral center. Endoscopy International Open, 2018, 06, E98-E103.	0.9	46
102	The TLR9 Agonist Cobitolimod Induces IL10-Producing Wound Healing Macrophages and Regulatory T Cells in Ulcerative Colitis. Journal of Crohn's and Colitis, 2020, 14, 508-524.	0.6	46
103	Inducible mouse models of colon cancer for the analysis of sporadic and inflammation-driven tumor progression and lymph node metastasis. Nature Protocols, 2021, 16, 61-85.	5.5	46
104	Pivotal Role of Carbohydrate Sulfotransferase 15 in Fibrosis and Mucosal Healing in Mouse Colitis. PLoS ONE, 2016, 11, e0158967.	1.1	45
105	Effects of Apremilast, an Oral Inhibitor of Phosphodiesterase 4, in a Randomized Trial of Patients With Active Ulcerative Colitis. Clinical Gastroenterology and Hepatology, 2020, 18, 2526-2534.e9.	2.4	45
106	Confocal laser endomicroscopy for the differential diagnosis of ulcerative colitis and Crohnâ€™s disease: a pilot study. Endoscopy, 2015, 47, 437-443.	1.0	44
107	Drug Levels in the Maternal Serum, Cord Blood and Breast Milk of a Ustekinumab-Treated Patient with Crohnâ€™s Disease. Journal of Crohn's and Colitis, 2019, 13, 267-269.	0.6	43
108	Clinical Response to Vedolizumab in Ulcerative Colitis Patients Is Associated with Changes in Integrin Expression Profiles. Frontiers in Immunology, 2017, 8, 764.	2.2	42

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109	Citrullination Licenses Calpain to Decondense Nuclei in Neutrophil Extracellular Trap Formation. Frontiers in Immunology, 2019, 10, 2481.	2.2	41
110	Phase 1 Clinical Study of siRNA Targeting Carbohydrate Sulphotransferase 15 in Crohnâ€™s Disease Patients with Active Mucosal Lesions. Journal of Crohn's and Colitis, 2017, 11, 221-228.	0.6	40
111	Organoids in gastrointestinal diseases: from experimental models to clinical translation. Gut, 2022, 71, 1892-1908.	6.1	40
112	Novel Insights into the Mechanisms of Gut Homing and Antiadhesion Therapies in Inflammatory Bowel Diseases. Inflammatory Bowel Diseases, 2017, 23, 617-627.	0.9	39
113	Intestinal epithelial Caspase-8 signaling is essential to prevent necroptosis during Salmonella Typhimurium induced enteritis. Mucosal Immunology, 2018, 11, 1191-1202.	2.7	39
114	Effects of Anti-Integrin Treatment With Vedolizumab on Immune Pathways and Cytokines in Inflammatory Bowel Diseases. Frontiers in Immunology, 2018, 9, 1700.	2.2	38
115	E-type prostanoid receptor 4 drives resolution of intestinal inflammation by blocking epithelial necroptosis. Nature Cell Biology, 2021, 23, 796-807.	4.6	38
116	Rho-A prenylation and signaling link epithelial homeostasis to intestinal inflammation. Journal of Clinical Investigation, 2016, 126, 611-626.	3.9	38
117	From physiology to disease and targeted therapy: interleukin-6 in inflammation and inflammation-associated carcinogenesis. Archives of Toxicology, 2015, 89, 541-554.	1.9	37
118	The Gut-Brain Axis in Inflammatory Bowel Diseaseâ€”Current and Future Perspectives. International Journal of Molecular Sciences, 2021, 22, 8870.	1.8	36
119	Immunopathogenesis of inflammatory bowel diseases: functional role of T cells and T cell homing. Clinical and Experimental Rheumatology, 2015, 33, S19-28.	0.4	36
120	Cobitolimod for moderate-to-severe, left-sided ulcerative colitis (CONDUCT): a phase 2b randomised, double-blind, placebo-controlled, dose-ranging induction trial. The Lancet Gastroenterology and Hepatology, 2020, 5, 1063-1075.	3.7	35
121	Regulation and pathophysiological role of epithelial turnover in the gut. Seminars in Cell and Developmental Biology, 2014, 35, 40-50.	2.3	34
122	Role of the IL-2 inducible tyrosine kinase ITK and its inhibitors in disease pathogenesis. Journal of Molecular Medicine, 2020, 98, 1385-1395.	1.7	34
123	Gut as viral reservoir: lessons from gut viromes, HIV and COVID-19. Gut, 2021, 70, 1605-1608.	6.1	34
124	BATF-dependent IL-7RhiGM-CSF+ T cells control intestinal graft-versus-host disease. Journal of Clinical Investigation, 2018, 128, 916-930.	3.9	34
125	Assessment of Tumor Development and Wound Healing Using Endoscopic Techniques in Mice. Gastroenterology, 2010, 139, 1837-1843.e1.	0.6	33
126	The emerging role of T cell cytokines in non-small cell lung cancer. Cytokine and Growth Factor Reviews, 2012, 23, 315-322.	3.2	33

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127	Similar Inhibition of Dynamic Adhesion of Lymphocytes From IBD Patients to MAdCAM-1 by Vedolizumab and Etrolizumab-s. Inflammatory Bowel Diseases, 2018, 24, 1237-1250.	0.9	33
128	IL-36 in chronic inflammation and cancer. Cytokine and Growth Factor Reviews, 2020, 55, 70-79.	3.2	33
129	Comparison of Hemospray^{Â®} and Endoclot^{â„¢} for the treatment of gastrointestinal bleeding. World Journal of Gastroenterology, 2019, 25, 1592-1602.	1.4	32
130	Cyclin-Dependent Kinase Inhibitors and Their Therapeutic Potential in Colorectal Cancer Treatment. Frontiers in Pharmacology, 2021, 12, 757120.	1.6	32
131	IL-9 signaling as key driver of chronic inflammation in mucosal immunity. Cytokine and Growth Factor Reviews, 2016, 29, 93-99.	3.2	31
132	Advanced endoscopic imaging techniques in Crohn's disease. Journal of Crohn's and Colitis, 2014, 8, 261-269.	0.6	30
133	Th9 cells in immunity and immunopathological diseases. Seminars in Immunopathology, 2017, 39, 1-4.	2.8	30
134	A group of cationic amphiphilic drugs activates MRGPRX2 and induces scratching behavior in mice. Journal of Allergy and Clinical Immunology, 2021, 148, 506-522.e8.	1.5	29
135	Detection of circulating extracellular mRNAs by modified small-RNA-sequencing analysis. JCI Insight, 2019, 4, .	2.3	29
136	Translating Inflammatory Bowel Disease Research into Clinical Medicine. Immunity, 2009, 31, 357-361.	6.6	28
137	High-resolution Quantitative Computed Tomography Demonstrates Structural Defects in Cortical and Trabecular Bone in IBD Patients. Journal of Crohn's and Colitis, 2016, 10, 532-540.	0.6	28
138	Characterization and Expansion of Autologous GMP-ready Regulatory T Cells for TREG-based Cell Therapy in Patients with Ulcerative Colitis. Inflammatory Bowel Diseases, 2017, 23, 1348-1359.	0.9	28
139	Three-Dimensional Cross-Sectional Light-Sheet Microscopy Imaging of the Inflamed Mouse Gut. Gastroenterology, 2017, 153, 898-900.	0.6	27
140	Effects of very low volume high intensity versus moderate intensity interval training in obese metabolic syndrome patients: a randomized controlled study. Scientific Reports, 2021, 11, 2836.	1.6	27
141	COVID-19: biologic and immunosuppressive therapy in gastroenterology and hepatology. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 705-715.	8.2	26
142	Maximizing the diagnostic information from biopsies in chronic inflammatory bowel diseases: recommendations from the Erlangen International Consensus Conference on Inflammatory Bowel Diseases and presentation of the IBD-DCA score as a proposal for a new index for histologic activity assessment in ulcerative colitis and Crohnâ€™s disease. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 581-594.	1.4	26
143	First case report of exacerbated ulcerative colitis after anti-interleukin-6R salvage therapy. World Journal of Gastroenterology, 2015, 21, 12963.	1.4	26
144	Neutrophils prevent rectal bleeding in ulcerative colitis by peptidyl-arginine deiminase-4-dependent immunothrombosis. Gut, 2022, 71, 2414-2429.	6.1	26

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145	Prediction of clinical outcomes in Crohnâ€™s disease by using confocal laser endomicroscopy: results from a prospective multicenter study. Gastrointestinal Endoscopy, 2018, 87, 1505-1514.e3.	0.5	25
146	Development and Validation of a Confocal Laser Endomicroscopy-Based Score for In Vivo Assessment of Mucosal Healing in Ulcerative Colitis Patients. Inflammatory Bowel Diseases, 2018, 24, 35-44.	0.9	25
147	Cellular Mechanisms of Etrolizumab Treatment in Inflammatory Bowel Disease. Frontiers in Pharmacology, 2019, 10, 39.	1.6	25
148	Intestinal ex vivo organoid culture reveals altered programmed crypt stem cells in patients with celiac disease. Scientific Reports, 2020, 10, 3535.	1.6	25
149	Precision of handheld multispectral optoacoustic tomography for muscle imaging. Photoacoustics, 2021, 21, 100220.	4.4	25
150	Novel cytokine-targeted therapies and intestinal inflammation. Current Opinion in Pharmacology, 2009, 9, 702-707.	1.7	24
151	IgA2 Antibodies against SARS-CoV-2 Correlate with NET Formation and Fatal Outcome in Severely Diseased COVID-19 Patients. Cells, 2020, 9, 2676.	1.8	24
152	Residual homing of Î±4Î²7-expressing Î²1⁺PI16⁺ regulatory T cells with potent suppressive activity correlates with exposure-efficacy of vedolizumab. Gut, 2022, 71, 1551-1566.	6.1	24
153	Advanced endoscopy imaging in inflammatory bowel diseases. Gastrointestinal Endoscopy, 2017, 85, 496-508.	0.5	23
154	Survivin is a guardian of the intestinal stem cell niche and its expression is regulated by TGF-Î². Cell Cycle, 2016, 15, 2875-2881.	1.3	22
155	Emerging oral targeted therapies in inflammatory bowel diseases: opportunities and challenges. Therapeutic Advances in Gastroenterology, 2017, 10, 773-790.	1.4	22
156	Whole-Body Electromyostimulation Combined With Individualized Nutritional Support Improves Body Composition in Patients With Hematological Malignancies â€“ A Pilot Study. Frontiers in Physiology, 2018, 9, 1808.	1.3	22
157	Functional Brain Imaging Reveals Rapid Blockade of Abdominal Pain Response Upon Anti-TNF Therapy in Crohnâ€™s Disease. Gastroenterology, 2015, 149, 864-866.	0.6	21
158	Inhibiting PGGT1B Disrupts Function of RHOA, Resulting in T-cell Expression of Integrin Î±4Î²7 and Development of Colitis in Mice. Gastroenterology, 2019, 157, 1293-1309.	0.6	21
159	Environmental Microbial Factors Determine the Pattern of Inflammatory Lesions in a Murine Model of Crohnâ€™s Diseaseâ€“Like Inflammation. Inflammatory Bowel Diseases, 2020, 26, 66-79.	0.9	21
160	Low-volume high-intensity interval training improves cardiometabolic health, work ability and well-being in severely obese individuals: a randomized-controlled trial sub-study. Journal of Translational Medicine, 2020, 18, 419.	1.8	21
161	Validation of the â€˜Inflammatory Bowel Diseaseâ€”Distribution, Chronicity, Activity [IBD-DCA] Scoreâ€™ for Ulcerative Colitis and CrohnÂ´s Disease. Journal of Crohn's and Colitis, 2021, 15, 1621-1630.	0.6	21
162	IL-23 Blockade in Anti-TNF Refractory IBD: From Mechanisms to Clinical Reality. Journal of Crohn's and Colitis, 2022, 16, ii54-ii63.	0.6	21

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163	Pathogenic T cell subsets in allergic and chronic inflammatory bowel disorders. Immunological Reviews, 2017, 278, 263-276.	2.8	20
164	Good Manufacturing Practice-Compliant Production and Lot-Release of Ex Vivo Expanded Regulatory T Cells As Basis for Treatment of Patients with Autoimmune and Inflammatory Disorders. Frontiers in Immunology, 2017, 8, 1371.	2.2	20
165	Raster-Scanning Optoacoustic Mesoscopy for Gastrointestinal Imaging at High Resolution. Gastroenterology, 2018, 154, 807-809.e3.	0.6	20
166	Clinical efficacy of the Toll-like receptor 9 agonist cobitolimod using patient-reported-outcomes defined clinical endpoints in patients with ulcerative colitis. Digestive and Liver Disease, 2018, 50, 1019-1029.	0.4	20
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