

# Markus Neurath

## List of Publications by Year in descending order

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Version: 2024-02-01

310  
papers

24,308  
citations

14655

66  
h-index

8866

145  
g-index

317  
all docs

317  
docs citations

317  
times ranked

31394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokines in inflammatory bowel disease. <i>Nature Reviews Immunology</i> , 2014, 14, 329-342.	22.7	1,941
2	IL-35-producing B cells are critical regulators of immunity during autoimmune and infectious diseases. <i>Nature</i> , 2014, 507, 366-370.	27.8	882
3	STAT3 links IL-22 signaling in intestinal epithelial cells to mucosal wound healing. <i>Journal of Experimental Medicine</i> , 2009, 206, 1465-1472.	8.5	880
4	Chemically induced mouse models of acute and chronic intestinal inflammation. <i>Nature Protocols</i> , 2017, 12, 1295-1309.	12.0	862
5	Caspase-8 regulates TNF- $\alpha$ -induced epithelial necroptosis and terminal ileitis. <i>Nature</i> , 2011, 477, 335-339.	27.8	737
6	TGF- $\beta$ 2 Suppresses Tumor Progression in Colon Cancer by Inhibition of IL-6 trans-Signaling. <i>Immunity</i> , 2004, 21, 491-501.	14.3	700
7	Mucosal healing in inflammatory bowel diseases: a systematic review. <i>Gut</i> , 2012, 61, 1619-1635.	12.1	673
8	An inducible mouse model of colon carcinogenesis for the analysis of sporadic and inflammation-driven tumor progression. <i>Nature Protocols</i> , 2007, 2, 1998-2004.	12.0	586
9	Environmental triggers in IBD: a review of progress and evidence. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 39-49.	17.8	573
10	Development of Spontaneous Airway Changes Consistent with Human Asthma in Mice Lacking T-bet. <i>Science</i> , 2002, 295, 336-338.	12.6	562
11	Current and emerging therapeutic targets for IBD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 269-278.	17.8	478
12	IL-6 signaling in autoimmunity, chronic inflammation and inflammation-associated cancer. <i>Cytokine and Growth Factor Reviews</i> , 2011, 22, 83-89.	7.2	450
13	ROR $\gamma$ 3-Expressing Th17 Cells Induce Murine Chronic Intestinal Inflammation via Redundant Effects of IL-17A and IL-17F. <i>Gastroenterology</i> , 2009, 136, 257-267.	1.3	408
14	Mend Your Fences. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 4, 33-46.	4.5	407
15	Isolation and subsequent analysis of murine lamina propria mononuclear cells from colonic tissue. <i>Nature Protocols</i> , 2007, 2, 2307-2311.	12.0	398
16	Targeting immune cell circuits and trafficking in inflammatory bowel disease. <i>Nature Immunology</i> , 2019, 20, 970-979.	14.5	390
17	Vascular occlusion by neutrophil extracellular traps in COVID-19. <i>EBioMedicine</i> , 2020, 58, 102925.	6.1	369
18	Mongersen, an Oral <i>SMAD7</i> Antisense Oligonucleotide, and Crohn's Disease. <i>New England Journal of Medicine</i> , 2015, 372, 1104-1113.	27.0	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. <i>Lancet, The</i> , 2017, 389, 1699-1709.	13.7	364
20	In vivo imaging using fluorescent antibodies to tumor necrosis factor predicts therapeutic response in Crohn's disease. <i>Nature Medicine</i> , 2014, 20, 313-318.	30.7	349
21	How Cytokine Networks Fuel Inflammation: Toward a cytokine-based disease taxonomy. <i>Nature Medicine</i> , 2013, 19, 822-824.	30.7	341
22	TH9 cells that express the transcription factor PU.1 drive T cell-mediated colitis via IL-9 receptor signaling in intestinal epithelial cells. <i>Nature Immunology</i> , 2014, 15, 676-686.	14.5	338
23	Resolution of chronic inflammatory disease: universal and tissue-specific concepts. <i>Nature Communications</i> , 2018, 9, 3261.	12.8	272
24	Anti-interleukin 12 treatment regulates apoptosis of Th1 T cells in experimental colitis in mice. <i>Gastroenterology</i> , 1999, 117, 1078-1088.	1.3	263
25	Multispectral Optoacoustic Tomography for Assessment of Crohn's Disease Activity. <i>New England Journal of Medicine</i> , 2017, 376, 1292-1294.	27.0	233
26	COVID-19 and immunomodulation in IBD. <i>Gut</i> , 2020, 69, 1335-1342.	12.1	221
27	Externalized decondensed neutrophil chromatin occludes pancreatic ducts and drives pancreatitis. <i>Nature Communications</i> , 2016, 7, 10973.	12.8	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. <i>Gastroenterology</i> , 2011, 141, 2026-2038.	1.3	206
29	Identification of Epithelial Gaps in Human Small and Large Intestine by Confocal Endomicroscopy. <i>Gastroenterology</i> , 2007, 133, 1769-1778.	1.3	204
30	Methotrexate hampers immunogenicity to BNT162b2 mRNA COVID-19 vaccine in immune-mediated inflammatory disease. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1339-1344.	0.9	202
31	STAT3 activation through IL-6/IL-11 in cancer-associated fibroblasts promotes colorectal tumour development and correlates with poor prognosis. <i>Gut</i> , 2020, 69, 1269-1282.	12.1	181
32	Interleukin-12: Functional activities and implications for disease. <i>Cytokine and Growth Factor Reviews</i> , 2015, 26, 559-568.	7.2	178
33	New pathophysiological insights and modern treatment of IBD. <i>Journal of Gastroenterology</i> , 2010, 45, 571-583.	5.1	170
34	Molecular mechanism of action of anti-tumor necrosis factor antibodies in inflammatory bowel diseases. <i>World Journal of Gastroenterology</i> , 2016, 22, 9300.	3.3	165
35	Reframing Immune-Mediated Inflammatory Diseases through Signature Cytokine Hubs. <i>New England Journal of Medicine</i> , 2021, 385, 628-639.	27.0	156
36	SARS-CoV-2 vaccination responses in untreated, conventionally treated and anticytokine-treated patients with immune-mediated inflammatory diseases. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1312-1316.	0.9	154

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37	Hobit- and Blimp-1-driven CD4+ tissue-resident memory T cells control chronic intestinal inflammation. <i>Nature Immunology</i> , 2019, 20, 288-300.	14.5	152
38	Inhibiting Interleukin 36 Receptor Signaling Reduces Fibrosis in Mice With Chronic Intestinal Inflammation. <i>Gastroenterology</i> , 2019, 156, 1082-1097.e11.	1.3	148
39	Master regulator of intestinal disease: IL-6 in chronic inflammation and cancer development. <i>Seminars in Immunology</i> , 2014, 26, 75-79.	5.6	146
40	Expansion of IL-23 receptor bearing TNFR2+ T cells is associated with molecular resistance to anti-TNF therapy in Crohn's disease. <i>Gut</i> , 2019, 68, 814-828.	12.1	146
41	Pleiotropic functions of TNF- $\alpha$ in the regulation of the intestinal epithelial response to inflammation. <i>International Immunology</i> , 2014, 26, 509-515.	4.0	144
42	IL-36R signalling activates intestinal epithelial cells and fibroblasts and promotes mucosal healing in vivo. <i>Gut</i> , 2017, 66, 823-838.	12.1	142
43	IL-23 in inflammatory bowel diseases and colon cancer. <i>Cytokine and Growth Factor Reviews</i> , 2019, 45, 1-8.	7.2	142
44	Differential effects of $\alpha$ 7 and GPR15 on homing of effector and regulatory T cells from patients with UC to the inflamed gut in vivo. <i>Gut</i> , 2016, 65, 1642-1664.	12.1	138
45	The pseudokinase MLKL mediates programmed hepatocellular necrosis independently of RIPK3 during hepatitis. <i>Journal of Clinical Investigation</i> , 2016, 126, 4346-4360.	8.2	130
46	Detection of collagens by multispectral optoacoustic tomography as an imaging biomarker for Duchenne muscular dystrophy. <i>Nature Medicine</i> , 2019, 25, 1905-1915.	30.7	129
47	Treatment of T Cell-Dependent Experimental Colitis in SCID Mice by Local Administration of an Adenovirus Expressing IL-18 Antisense mRNA. <i>Journal of Immunology</i> , 2002, 168, 411-420.	0.8	123
48	Neutrophil Extracellular Traps Initiate Gallstone Formation. <i>Immunity</i> , 2019, 51, 443-450.e4.	14.3	115
49	M $\alpha$ g $\alpha$ -Trois: The Ratio of Bicarbonate to CO $_2$ and the pH Regulate the Capacity of Neutrophils to Form NETs. <i>Frontiers in Immunology</i> , 2016, 7, 583.	4.8	112
50	Immune cell trafficking and retention in inflammatory bowel disease: mechanistic insights and therapeutic advances. <i>Gut</i> , 2019, 68, 1688-1700.	12.1	108
51	Programming of Intestinal Epithelial Differentiation by IL-33 Derived from Pericryptal Fibroblasts in Response to Systemic Infection. <i>Cell Reports</i> , 2016, 15, 1743-1756.	6.4	100
52	Blockade of $\alpha$ 7 integrin suppresses accumulation of CD8 $^+$ and Th9 lymphocytes from patients with IBD in the inflamed gut in vivo. <i>Gut</i> , 2017, 66, 1936-1948.	12.1	99
53	Tumor fibroblast-derived epiregulin promotes growth of colitis-associated neoplasms through ERK. <i>Journal of Clinical Investigation</i> , 2013, 123, 1428-1443.	8.2	95
54	Colitis-associated cancer: the role of T cells in tumor development. <i>Seminars in Immunopathology</i> , 2009, 31, 249-256.	6.1	92

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55	Gut's "Liver Axis: How Do Gut Bacteria Influence the Liver?. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 79.	2.9	92
56	Influence of low FODMAP and gluten-free diets on disease activity and intestinal microbiota in patients with non-celiac gluten sensitivity. <i>Clinical Nutrition</i> , 2019, 38, 697-707.	5.0	89
57	The $\alpha 4\beta 1$ Homing Pathway Is Essential for Ileal Homing of Crohn's Disease Effector T Cells In Vivo. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 379-391.	1.9	88
58	Complex Roles of Caspases in the Pathogenesis of Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2013, 144, 283-293.	1.3	85
59	Advances in hepatitis C therapy: What is the current state - what come's next?. <i>World Journal of Hepatology</i> , 2016, 8, 139.	2.0	85
60	Caspase-8 controls the gut response to microbial challenges by Tnf- $\alpha$ -dependent and independent pathways. <i>Gut</i> , 2015, 64, 601-610.	12.1	84
61	Role of the IL23/IL17 Pathway in Crohn's Disease. <i>Frontiers in Immunology</i> , 2021, 12, 622934.	4.8	84
62	Mechanisms of Immune Signaling in Colitis-Associated Cancer. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2015, 1, 6-16.	4.5	82
63	Molecular pathways controlling barrier function in IBD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2015, 12, 67-68.	17.8	81
64	Non-classical monocyte homing to the gut via $\alpha 4\beta 7$ integrin mediates macrophage-dependent intestinal wound healing. <i>Gut</i> , 2020, 69, 252-263.	12.1	80
65	Patients with immune-mediated inflammatory diseases receiving cytokine inhibitors have low prevalence of SARS-CoV-2 seroconversion. <i>Nature Communications</i> , 2020, 11, 3774.	12.8	78
66	PGAM5-mediated programmed necrosis of hepatocytes drives acute liver injury. <i>Gut</i> , 2017, 66, 716-723.	12.1	77
67	Temporally Distinct Functions of the Cytokines IL-12 and IL-23 Drive Chronic Colon Inflammation in Response to Intestinal Barrier Impairment. <i>Immunity</i> , 2019, 51, 367-380.e4.	14.3	76
68	COVID-19 and immune-mediated inflammatory diseases: effect of disease and treatment on COVID-19 outcomes and vaccine responses. <i>Lancet Rheumatology</i> , The, 2021, 3, e724-e736.	3.9	76
69	Host-microbiota interactions in inflammatory bowel disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 76-77.	17.8	73
70	Activation of Epithelial Signal Transducer and Activator of Transcription 1 by Interleukin 28 Controls Mucosal Healing in Mice With Colitis and Is Increased in Mucosa of Patients With Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2017, 153, 123-138.e8.	1.3	72
71	Confocal Endomicroscopy Identifies Loss of Local Barrier Function in the Duodenum of Patients with Crohn's Disease and Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 892-900.	1.9	71
72	Personalizing Treatment in IBD: Hype or Reality in 2020? Can We Predict Response to Anti-TNF?. <i>Frontiers in Medicine</i> , 2020, 7, 517.	2.6	70

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73	IL-9 regulates intestinal barrier function in experimental T cell-mediated colitis. <i>Tissue Barriers</i> , 2015, 3, e983777.	3.2	68
74	Thiopurines in Inflammatory Bowel Disease: New Findings and Perspectives. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 610-620.	1.3	67
75	Rectal Delivery of a DNzyme That Specifically Blocks the Transcription Factor GATA3 and Reduces Colitis in Mice. <i>Gastroenterology</i> , 2017, 152, 176-192.e5.	1.3	66
76	Visualizing transfer of microbial biomolecules by outer membrane vesicles in microbe-host communication in vivo. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12159.	12.2	66
77	Molecular imaging of mucosal $\alpha 4 \beta 7$ integrin expression with the fluorescent anti-adhesion antibody vedolizumab in Crohn's disease. <i>Gastrointestinal Endoscopy</i> , 2017, 86, 406-408.	1.0	65
78	Integrating Immunologic Signaling Networks: The JAK/STAT Pathway in Colitis and Colitis-Associated Cancer. <i>Vaccines</i> , 2016, 4, 5.	4.4	64
79	Interferon Lambda Promotes Paneth Cell Death Via STAT1 Signaling in Mice and Is Increased in Inflamed Ileal Tissues of Patients With Crohn's Disease. <i>Gastroenterology</i> , 2019, 157, 1310-1322.e13.	1.3	63
80	Clinical Effects of a Topically Applied Toll-like Receptor 9 Agonist in Active Moderate-to-Severe Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 1294-1302.	1.3	62
81	Multispectral Optoacoustic Tomography in Crohn's Disease: Noninvasive Imaging of Disease Activity. <i>Gastroenterology</i> , 2016, 151, 238-240.	1.3	61
82	Regression of apoptosis-resistant colorectal tumors by induction of necroptosis in mice. <i>Journal of Experimental Medicine</i> , 2017, 214, 1655-1662.	8.5	60
83	Mechanisms of molecular resistance and predictors of response to biological therapy in inflammatory bowel disease. <i>The Lancet Gastroenterology and Hepatology</i> , 2018, 3, 790-802.	8.1	60
84	Resolution of ulcerative colitis. <i>Seminars in Immunopathology</i> , 2019, 41, 747-756.	6.1	60
85	Batf-dependent Th17 cells critically regulate IL-23 driven colitis-associated colon cancer. <i>Gut</i> , 2016, 65, 1139-1150.	12.1	59
86	Targeting the VEGF signaling pathway in cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2012, 16, 5-13.	3.4	57
87	IL-36 in chronic inflammation and fibrosis – bridging the gap?. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	57
88	Acoustic radiation force impulse shear wave elastography (ARFI) of acute and chronic pancreatitis and pancreatic tumor. <i>European Journal of Radiology</i> , 2016, 85, 2211-2216.	2.6	56
89	Mucosal Biofilms Are an Endoscopic Feature of Irritable Bowel Syndrome and Ulcerative Colitis. <i>Gastroenterology</i> , 2021, 161, 1245-1256.e20.	1.3	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. <i>European Radiology</i> , 2018, 28, 4254-4264.	4.5	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. <i>Nature Protocols</i> , 2011, 6, 1471-1481.	12.0	53
92	Intestinal Mucosal Wound Healing and Barrier Integrity in IBD—Crosstalk and Trafficking of Cellular Players. <i>Frontiers in Medicine</i> , 2021, 8, 643973.	2.6	52
93	Th9 cells in inflammatory bowel diseases. <i>Seminars in Immunopathology</i> , 2017, 39, 89-95.	6.1	50
94	Targeting mucosal healing in Crohn's disease: what the clinician needs to know. <i>Therapeutic Advances in Gastroenterology</i> , 2019, 12, 175628481985686.	3.2	50
95	Colitis-associated neoplasia: molecular basis and clinical translation. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3523-3535.	5.4	49
96	Activation of Intestinal Epithelial Stat3 Orchestrates Tissue Defense during Gastrointestinal Infection. <i>PLoS ONE</i> , 2015, 10, e0118401.	2.5	48
97	Serum Autotaxin is a Marker of the Severity of Liver Injury and Overall Survival in Patients with Cholestatic Liver Diseases. <i>Scientific Reports</i> , 2016, 6, 30847.	3.3	48
98	Current and Future Targets for Mucosal Healing in Inflammatory Bowel Disease. <i>Visceral Medicine</i> , 2017, 33, 82-88.	1.3	48
99	Effects of whole-body electromyostimulation combined with individualized nutritional support on body composition in patients with advanced cancer: a controlled pilot trial. <i>BMC Cancer</i> , 2018, 18, 886.	2.6	48
100	The activating protein 1 transcription factor basic leucine zipper transcription factor, ATF-like (BATF), regulates lymphocyte- and mast cell-driven immune responses in the setting of allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 198-206.e9.	2.9	47
101	Endoscopic full-thickness resection with an over-the-scope clip device (FTRD) in the colorectum: results from a university tertiary referral center. <i>Endoscopy International Open</i> , 2018, 06, E98-E103.	1.8	46
102	The TLR9 Agonist Cobitolimod Induces IL10-Producing Wound Healing Macrophages and Regulatory T Cells in Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 508-524.	1.3	46
103	Inducible mouse models of colon cancer for the analysis of sporadic and inflammation-driven tumor progression and lymph node metastasis. <i>Nature Protocols</i> , 2021, 16, 61-85.	12.0	46
104	Pivotal Role of Carbohydrate Sulfotransferase 15 in Fibrosis and Mucosal Healing in Mouse Colitis. <i>PLoS ONE</i> , 2016, 11, e0158967.	2.5	45
105	Effects of Apremilast, an Oral Inhibitor of Phosphodiesterase 4, in a Randomized Trial of Patients With Active Ulcerative Colitis. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 2526-2534.e9.	4.4	45
106	Confocal laser endomicroscopy for the differential diagnosis of ulcerative colitis and Crohn's disease: a pilot study. <i>Endoscopy</i> , 2015, 47, 437-443.	1.8	44
107	Drug Levels in the Maternal Serum, Cord Blood and Breast Milk of a Ustekinumab-Treated Patient with Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 267-269.	1.3	43
108	Clinical Response to Vedolizumab in Ulcerative Colitis Patients Is Associated with Changes in Integrin Expression Profiles. <i>Frontiers in Immunology</i> , 2017, 8, 764.	4.8	42

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109	Citrullination Licenses Calpain to Decondense Nuclei in Neutrophil Extracellular Trap Formation. <i>Frontiers in Immunology</i> , 2019, 10, 2481.	4.8	41
110	Phase 1 Clinical Study of siRNA Targeting Carbohydrate Sulphotransferase 15 in Crohn's Disease Patients with Active Mucosal Lesions. <i>Journal of Crohn's and Colitis</i> , 2017, 11, 221-228.	1.3	40
111	Organoids in gastrointestinal diseases: from experimental models to clinical translation. <i>Gut</i> , 2022, 71, 1892-1908.	12.1	40
112	Novel Insights into the Mechanisms of Gut Homing and Antiadhesion Therapies in Inflammatory Bowel Diseases. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 617-627.	1.9	39
113	Intestinal epithelial Caspase-8 signaling is essential to prevent necroptosis during Salmonella Typhimurium induced enteritis. <i>Mucosal Immunology</i> , 2018, 11, 1191-1202.	6.0	39
114	Effects of Anti-Integrin Treatment With Vedolizumab on Immune Pathways and Cytokines in Inflammatory Bowel Diseases. <i>Frontiers in Immunology</i> , 2018, 9, 1700.	4.8	38
115	E-type prostanoid receptor 4 drives resolution of intestinal inflammation by blocking epithelial necroptosis. <i>Nature Cell Biology</i> , 2021, 23, 796-807.	10.3	38
116	Rho-A prenylation and signaling link epithelial homeostasis to intestinal inflammation. <i>Journal of Clinical Investigation</i> , 2016, 126, 611-626.	8.2	38
117	From physiology to disease and targeted therapy: interleukin-6 in inflammation and inflammation-associated carcinogenesis. <i>Archives of Toxicology</i> , 2015, 89, 541-554.	4.2	37
118	The Gut-Brain Axis in Inflammatory Bowel Disease—Current and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8870.	4.1	36
119	Immunopathogenesis of inflammatory bowel diseases: functional role of T cells and T cell homing. <i>Clinical and Experimental Rheumatology</i> , 2015, 33, S19-28.	0.8	36
120	Cobitolimod for moderate-to-severe, left-sided ulcerative colitis (CONDUCT): a phase 2b randomised, double-blind, placebo-controlled, dose-ranging induction trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 1063-1075.	8.1	35
121	Regulation and pathophysiological role of epithelial turnover in the gut. <i>Seminars in Cell and Developmental Biology</i> , 2014, 35, 40-50.	5.0	34
122	Role of the IL-2 inducible tyrosine kinase ITK and its inhibitors in disease pathogenesis. <i>Journal of Molecular Medicine</i> , 2020, 98, 1385-1395.	3.9	34
123	Gut as viral reservoir: lessons from gut viromes, HIV and COVID-19. <i>Gut</i> , 2021, 70, 1605-1608.	12.1	34
124	BATF-dependent IL-7RhiGM-CSF+ T cells control intestinal graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 916-930.	8.2	34
125	Assessment of Tumor Development and Wound Healing Using Endoscopic Techniques in Mice. <i>Gastroenterology</i> , 2010, 139, 1837-1843.e1.	1.3	33
126	The emerging role of T cell cytokines in non-small cell lung cancer. <i>Cytokine and Growth Factor Reviews</i> , 2012, 23, 315-322.	7.2	33



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127	Similar Inhibition of Dynamic Adhesion of Lymphocytes From IBD Patients to MAdCAM-1 by Vedolizumab and Etrolizumab-s. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1237-1250.	1.9	33
128	IL-36 in chronic inflammation and cancer. <i>Cytokine and Growth Factor Reviews</i> , 2020, 55, 70-79.	7.2	33
129	Comparison of Hemospray <sup>®</sup> and Endoclot <sup>®</sup> for the treatment of gastrointestinal bleeding. <i>World Journal of Gastroenterology</i> , 2019, 25, 1592-1602.	3.3	32
130	Cyclin-Dependent Kinase Inhibitors and Their Therapeutic Potential in Colorectal Cancer Treatment. <i>Frontiers in Pharmacology</i> , 2021, 12, 757120.	3.5	32
131	IL-9 signaling as key driver of chronic inflammation in mucosal immunity. <i>Cytokine and Growth Factor Reviews</i> , 2016, 29, 93-99.	7.2	31
132	Advanced endoscopic imaging techniques in Crohn's disease. <i>Journal of Crohn's and Colitis</i> , 2014, 8, 261-269.	1.3	30
133	Th9 cells in immunity and immunopathological diseases. <i>Seminars in Immunopathology</i> , 2017, 39, 1-4.	6.1	30
134	A group of cationic amphiphilic drugs activates MRGPRX2 and induces scratching behavior in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 506-522.e8.	2.9	29
135	Detection of circulating extracellular mRNAs by modified small-RNA-sequencing analysis. <i>JCI Insight</i> , 2019, 4, .	5.0	29
136	Translating Inflammatory Bowel Disease Research into Clinical Medicine. <i>Immunity</i> , 2009, 31, 357-361.	14.3	28
137	High-resolution Quantitative Computed Tomography Demonstrates Structural Defects in Cortical and Trabecular Bone in IBD Patients. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 532-540.	1.3	28
138	Characterization and Expansion of Autologous GMP-ready Regulatory T Cells for TREG-based Cell Therapy in Patients with Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 1348-1359.	1.9	28
139	Three-Dimensional Cross-Sectional Light-Sheet Microscopy Imaging of the Inflamed Mouse Gut. <i>Gastroenterology</i> , 2017, 153, 898-900.	1.3	27
140	Effects of very low volume high intensity versus moderate intensity interval training in obese metabolic syndrome patients: a randomized controlled study. <i>Scientific Reports</i> , 2021, 11, 2836.	3.3	27
141	COVID-19: biologic and immunosuppressive therapy in gastroenterology and hepatology. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 705-715.	17.8	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 Crohn's disease. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 581-594.	2.8	26
143	First case report of exacerbated ulcerative colitis after anti-interleukin-6R salvage therapy. <i>World Journal of Gastroenterology</i> , 2015, 21, 12963.	3.3	26
144	Neutrophils prevent rectal bleeding in ulcerative colitis by peptidyl-arginine deiminase-4-dependent immunothrombosis. <i>Gut</i> , 2022, 71, 2414-2429.	12.1	26

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145	Prediction of clinical outcomes in Crohn's disease by using confocal laser endomicroscopy: results from a prospective multicenter study. <i>Gastrointestinal Endoscopy</i> , 2018, 87, 1505-1514.e3.	1.0	25
146	Development and Validation of a Confocal Laser Endomicroscopy-Based Score for In Vivo Assessment of Mucosal Healing in Ulcerative Colitis Patients. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 35-44.	1.9	25
147	Cellular Mechanisms of Etrolizumab Treatment in Inflammatory Bowel Disease. <i>Frontiers in Pharmacology</i> , 2019, 10, 39.	3.5	25
148	Intestinal ex vivo organoid culture reveals altered programmed crypt stem cells in patients with celiac disease. <i>Scientific Reports</i> , 2020, 10, 3535.	3.3	25
149	Precision of handheld multispectral optoacoustic tomography for muscle imaging. <i>Photoacoustics</i> , 2021, 21, 100220.	7.8	25
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