

# Scott B Snapper

## List of Publications by Year in descending order

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111  
papers

12,627  
citations

66343

42  
h-index

26613

107  
g-index

115  
all docs

115  
docs citations

115  
times ranked

21400  
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Receptor ACE2 Is an Interferon-Stimulated Gene in Human Airway Epithelial Cells and Is Detected in Specific Cell Subsets across Tissues. <i>Cell</i> , 2020, 181, 1016-1035.e19.	28.9	1,956
2	Inflammatory Bowel Disease and Mutations Affecting the Interleukin-10 Receptor. <i>New England Journal of Medicine</i> , 2009, 361, 2033-2045.	27.0	1,244
3	Anti-inflammatory effect of IL-10 mediated by metabolic reprogramming of macrophages. <i>Science</i> , 2017, 356, 513-519.	12.6	886
4	Individual intestinal symbionts induce a distinct population of ROR $\gamma$ regulatory T cells. <i>Science</i> , 2015, 349, 993-997.	12.6	707
5	The Diagnostic Approach to Monogenic Very Early Onset Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2014, 147, 990-1007.e3.	1.3	559
6	Prediction of complicated disease course for children newly diagnosed with Crohn's disease: a multicentre inception cohort study. <i>Lancet, The</i> , 2017, 389, 1710-1718.	13.7	482
7	Wiskott-Aldrich Syndrome Protein-Deficient Mice Reveal a Role for WASP in T but Not B Cell Activation. <i>Immunity</i> , 1998, 9, 81-91.	14.3	470
8	Interleukin-10 Receptor Signaling in Innate Immune Cells Regulates Mucosal Immune Tolerance and Anti-Inflammatory Macrophage Function. <i>Immunity</i> , 2014, 40, 706-719.	14.3	455
9	Haematopoietic stem and progenitor cells from human pluripotent stem cells. <i>Nature</i> , 2017, 545, 432-438.	27.8	395
10	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4-insufficient subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1932-1946.	2.9	344
11	Interleukin 10 Receptor Signaling. <i>Advances in Immunology</i> , 2014, 122, 177-210.	2.2	239
12	Incidence, Outcomes, and Health Services Burden of Very Early Onset Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2014, 147, 803-813.e7.	1.3	222
13	Genetic tracing reveals a stereotyped sensory map in the olfactory cortex. <i>Nature</i> , 2001, 414, 173-179.	27.8	220
14	THE WISKOTT-ALDRICH SYNDROME PROTEIN (WASP): Roles in Signaling and Cytoskeletal Organization. <i>Annual Review of Immunology</i> , 1999, 17, 905-929.	21.8	219
15	Mutations in Tetratricopeptide Repeat Domain 7A Result in a Severe Form of Very Early Onset Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2014, 146, 1028-1039.	1.3	175
16	Protective mucosal immunity mediated by epithelial CD1d and IL-10. <i>Nature</i> , 2014, 509, 497-502.	27.8	172
17	Single-Cell Analyses of Colon and Blood Reveal Distinct Immune Cell Signatures of Ulcerative Colitis and Crohn's Disease. <i>Gastroenterology</i> , 2020, 159, 591-608.e10.	1.3	160
18	Interleukin 1 $\beta$ Mediates Intestinal Inflammation in Mice and Patients With Interleukin 10 Receptor Deficiency. <i>Gastroenterology</i> , 2016, 151, 1100-1104.	1.3	156

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19	AHR Activation Is Protective against Colitis Driven by T Cells in Humanized Mice. <i>Cell Reports</i> , 2016, 17, 1318-1329.	6.4	147
20	CD55 Deficiency, Early-Onset Protein-Losing Enteropathy, and Thrombosis. <i>New England Journal of Medicine</i> , 2017, 377, 52-61.	27.0	138
21	Human RIPK1 deficiency causes combined immunodeficiency and inflammatory bowel diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 970-975.	7.1	130
22	Defects in Nicotinamide-adenine Dinucleotide Phosphate Oxidase Genes NOX1 and DUOX2 in Very Early Onset Inflammatory Bowel Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2015, 1, 489-502.	4.5	127
23	Variants in Nicotinamide Adenine Dinucleotide Phosphate Oxidase Complex Components Determine Susceptibility to Very Early Onset Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2014, 147, 680-689.e2.	1.3	106
24	Very Early Onset Inflammatory Bowel Disease: A Clinical Approach With a Focus on the Role of Genetics and Underlying Immune Deficiencies. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 820-842.	1.9	100
25	WASP confers selective advantage for specific hematopoietic cell populations and serves a unique role in marginal zone B-cell homeostasis and function. <i>Blood</i> , 2008, 112, 4139-4147.	1.4	99
26	Human TGF- $\beta$ 1 deficiency causes severe inflammatory bowel disease and encephalopathy. <i>Nature Genetics</i> , 2018, 50, 344-348.	21.4	95
27	Intestinal Inflammation and Dysregulated Immunity in Patients With Inherited Caspase-8 Deficiency. <i>Gastroenterology</i> , 2019, 156, 275-278.	1.3	92
28	Variants in TRIM22 That Affect NOD2 Signaling Are Associated With Very-Early-Onset Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2016, 150, 1196-1207.	1.3	88
29	Efficient uptake of <i>Yersinia pseudotuberculosis</i> via integrin receptors involves a Rac1-Arp 2/3 pathway that bypasses N-WASP function. <i>Molecular Microbiology</i> , 2008, 42, 689-703.	2.5	87
30	The Age of Gene Discovery in Very Early Onset Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2012, 143, 285-288.	1.3	85
31	Prevalence and Clinical Features of Inflammatory Bowel Diseases Associated With Monogenic Variants, Identified by Whole-Exome Sequencing in 1000 Children at a Single Center. <i>Gastroenterology</i> , 2020, 158, 2208-2220.	1.3	81
32	Increased Risk for Malignancies in 131 Affected CTLA4 Mutation Carriers. <i>Frontiers in Immunology</i> , 2018, 9, 2012.	4.8	79
33	North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition Position Paper on the Evaluation and Management for Patients With Very Early-Onset Inflammatory Bowel Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 389-403.	1.8	79
34	Higher Activity of the Inducible Nitric Oxide Synthase Contributes to Very Early Onset Inflammatory Bowel Disease. <i>Clinical and Translational Gastroenterology</i> , 2014, 5, e46.	2.5	71
35	Therapeutic options for CTLA-4 insufficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 736-746.	2.9	68
36	Activating WASP mutations associated with X-linked neutropenia result in enhanced actin polymerization, altered cytoskeletal responses, and genomic instability in lymphocytes. <i>Journal of Experimental Medicine</i> , 2010, 207, 1145-1152.	8.5	67

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37	Mucus sialylation determines intestinal host-commensal homeostasis. <i>Cell</i> , 2022, 185, 1172-1188.e28.	28.9	66
38	Clinical and Genomic Correlates of Neutrophil Reactive Oxygen Species Production in Pediatric Patients With Crohn's Disease. <i>Gastroenterology</i> , 2018, 154, 2097-2110.	1.3	63
39	Very Early Onset Inflammatory Bowel Disease Associated with Aberrant Trafficking of IL-10R1 and Cure by T Cell Replete Haploidentical Bone Marrow Transplantation. <i>Journal of Clinical Immunology</i> , 2014, 34, 331-339.	3.8	62
40	The Pediatric Cell Atlas: Defining the Growth Phase of Human Development at Single-Cell Resolution. <i>Developmental Cell</i> , 2019, 49, 10-29.	7.0	57
41	A Systematic Review of Monogenic Inflammatory Bowel Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, e653-e663.	4.4	57
42	Gain-of-function variants in SYK cause immune dysregulation and systemic inflammation in humans and mice. <i>Nature Genetics</i> , 2021, 53, 500-510.	21.4	56
43	Molecular Comparison of Adult and Pediatric Ulcerative Colitis Indicates Broad Similarity of Molecular Pathways in Disease Tissue. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 45-52.	1.8	47
44	Ultrasound-Mediated Delivery of RNA to Colonic Mucosa of Live Mice. <i>Gastroenterology</i> , 2017, 152, 1151-1160.	1.3	46
45	Common and Rare Variant Prediction and Penetrance of IBD in a Large, Multi-ethnic, Health System-based Biobank Cohort. <i>Gastroenterology</i> , 2021, 160, 1546-1557.	1.3	43
46	STAT1 signaling shields T cells from NK cell-mediated cytotoxicity. <i>Nature Communications</i> , 2019, 10, 912.	12.8	41
47	WASP-mediated regulation of anti-inflammatory macrophages is IL-10 dependent and is critical for intestinal homeostasis. <i>Nature Communications</i> , 2018, 9, 1779.	12.8	40
48	Novel exonic mutation inducing aberrant splicing in the IL10RA gene and resulting in infantile-onset inflammatory bowel disease: a case report. <i>BMC Gastroenterology</i> , 2016, 16, 10.	2.0	39
49	High-dimensional immune phenotyping and transcriptional analyses reveal robust recovery of viable human immune and epithelial cells from frozen gastrointestinal tissue. <i>Mucosal Immunology</i> , 2018, 11, 1684-1693.	6.0	38
50	Children's rare disease cohorts: an integrative research and clinical genomics initiative. <i>Npj Genomic Medicine</i> , 2020, 5, 29.	3.8	38
51	Somatic mosaicism and common genetic variation contribute to the risk of very-early-onset inflammatory bowel disease. <i>Nature Communications</i> , 2020, 11, 995.	12.8	37
52	An Integrated Taxonomy for Monogenic Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2022, 162, 859-876.	1.3	37
53	Drug Screen Identifies Leflunomide for Treatment of Inflammatory Bowel Disease Caused by TTC7A Deficiency. <i>Gastroenterology</i> , 2020, 158, 1000-1015.	1.3	36
54	Constitutive activation of WASp in X-linked neutropenia renders neutrophils hyperactive. <i>Journal of Clinical Investigation</i> , 2018, 128, 4115-4131.	8.2	35

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55	Fatal autoimmunity in mice reconstituted with human hematopoietic stem cells encoding defective FOXP3. <i>Blood</i> , 2015, 125, 3886-3895.	1.4	33
56	In utero human intestine harbors unique metabolome, including bacterial metabolites. <i>JCI Insight</i> , 2020, 5, .	5.0	33
57	Wiskottâ€Aldrich Syndrome Protein Deficiency in Innate Immune Cells Leads to Mucosal Immune Dysregulation and Colitis in Mice. <i>Gastroenterology</i> , 2012, 143, 719-729.e2.	1.3	32
58	Large Bâ€Cell Lymphoma in an Adolescent Patient With Interleukinâ€10 Receptor Deficiency and History of Infantile Inflammatory Bowel Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, e15-7.	1.8	31
59	Deletion of Wiskottâ€Aldrich syndrome protein triggers Rac2 activity and increased cross-presentation by dendritic cells. <i>Nature Communications</i> , 2016, 7, 12175.	12.8	31
60	N-WASP Is Required for Structural Integrity of the Blood-Testis Barrier. <i>PLoS Genetics</i> , 2014, 10, e1004447.	3.5	30
61	Inhibition of Inflammatory Gene Transcription by IL-10 Is Associated with Rapid Suppression of Lipopolysaccharide-Induced Enhancer Activation. <i>Journal of Immunology</i> , 2017, 198, 2906-2915.	0.8	30
62	Foxo1 controls gut homeostasis and commensalism by regulating mucus secretion. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	30
63	Attaching-and-Effacing Pathogens Exploit Junction Regulatory Activities of N-WASP and SNX9 to Disrupt the Intestinal Barrier. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 273-288.	4.5	29
64	Enhanced TH17 Responses in Patients with IL10 Receptor Deficiency and Infantile-onset IBD. <i>Inflammatory Bowel Diseases</i> , 2017, 23, 1950-1961.	1.9	28
65	CD16+CD163+ monocytes traffic to sites of inflammation during necrotizing enterocolitis in premature infants. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	28
66	Macrophage dysfunction initiates colitis during weaning of infant mice lacking the interleukin-10 receptor. <i>ELife</i> , 2017, 6, .	6.0	26
67	The Impact of Combination Therapy on Infliximab Levels and Antibodies in Children and Young Adults With Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1344-1351.	1.9	26
68	CARMIL2 Deficiency Presenting as Very Early Onset Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 1788-1795.	1.9	26
69	IL-10 induces a STAT3-dependent autoregulatory loop in T <sub>H</sub> 2 cells that promotes Blimp-1 restriction of cell expansion via antagonism of STAT5 target genes. <i>Science Immunology</i> , 2016, 1, .	11.9	26
70	Deletion of WASp and N-WASp in B cells cripples the germinal center response and results in production of IgM autoantibodies. <i>Journal of Autoimmunity</i> , 2015, 62, 81-92.	6.5	25
71	Oocyte-specific deletion of <i>N-WASP</i> does not affect oocyte polarity, but causes failure of meiosis II completion. <i>Molecular Human Reproduction</i> , 2016, 22, 613-621.	2.8	25
72	A probabilistic pathway score (PROPS) for classification with applications to inflammatory bowel disease. <i>Bioinformatics</i> , 2018, 34, 985-993.	4.1	25

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73	Low-Dose Interleukin-2 Ameliorates Colitis in a Preclinical Humanized Mouse Model. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 8, 193-195.	4.5	25
74	<i>Natural History of Very Early Onset Inflammatory Bowel Disease in North America: A Retrospective Cohort Study</i>. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 295-302.	1.9	25
75	Live cell tagging tracking and isolation for spatial transcriptomics using photoactivatable cell dyes. <i>Nature Communications</i> , 2021, 12, 4995.	12.8	25
76	N-WASP is required for B-cell-mediated autoimmunity in Wiskott-Aldrich syndrome. <i>Blood</i> , 2016, 127, 216-220.	1.4	24
77	An integrated clinical program and crowdsourcing strategy for genomic sequencing and Mendelian disease gene discovery. <i>Npj Genomic Medicine</i> , 2018, 3, 21.	3.8	24
78	An algorithm for the classification of mRNA patterns in eosinophilic esophagitis: Integration of machine learning. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1354-1364.e9.	2.9	22
79	Genetic variants and pathways implicated in a pediatric inflammatory bowel disease cohort. <i>Genes and Immunity</i> , 2019, 20, 131-142.	4.1	22
80	A Unique Presentation of Infantile-Onset Colitis and Eosinophilic Disease without Recurrent Infections Resulting from a Novel Homozygous CARMIL2 Variant. <i>Journal of Clinical Immunology</i> , 2019, 39, 430-439.	3.8	21
81	Treatment-Specific Composition of the Gut Microbiota Is Associated With Disease Remission in a Pediatric Crohn's Disease Cohort. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 1927-1938.	1.9	20
82	Variation in Care in the Management of Children With Crohn's Disease: Data From a Multicenter Inception Cohort Study. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 1208-1217.	1.9	20
83	Small intestinal immunopathology and GI-associated antibody formation in hereditary alpha-tryptasemia. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 813-821.e7.	2.9	17
84	Nuclear Wiskott-Aldrich syndrome protein co-regulates T cell factor 1-mediated transcription in T cells. <i>Genome Medicine</i> , 2017, 9, 91.	8.2	16
85	Evolution of Pediatric Inflammatory Bowel Disease Unclassified (IBD-U): Incorporated With Serological and Gene Expression Profiles. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 2285-2290.	1.9	15
86	Immunologic Alterations Associated With Oral Delivery of Anti-CD3 (OKT3) Monoclonal Antibodies in Patients With Moderate-to-Severe Ulcerative Colitis. <i>Crohn's &amp; Colitis 360</i> , 2019, 1, otz009.	1.1	13
87	Aerodigestive sampling reveals altered microbial exchange between lung, oropharyngeal, and gastric microbiomes in children with impaired swallow function. <i>PLoS ONE</i> , 2019, 14, e0216453.	2.5	12
88	Genetic and Structural Analysis of a SKIV2L Mutation Causing Tricho-hepato-enteric Syndrome. <i>Digestive Diseases and Sciences</i> , 2018, 63, 1192-1199.	2.3	11
89	A quantitative single-cell assay for retrograde membrane traffic enables rapid detection of defects in cellular organization. <i>Molecular Biology of the Cell</i> , 2020, 31, 511-519.	2.1	11
90	Alterations in T and B Cell Receptor Repertoires Patterns in Patients With IL10 Signaling Defects and History of Infantile-Onset IBD. <i>Frontiers in Immunology</i> , 2020, 11, 109.	4.8	11

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91	Novel CARMIL2 loss-of-function variants are associated with pediatric inflammatory bowel disease. <i>Scientific Reports</i> , 2021, 11, 5945.	3.3	11
92	The Development and Initial Findings of A Study of a Prospective Adult Research Cohort with Inflammatory Bowel Disease (SPARC IBD). <i>Inflammatory Bowel Diseases</i> , 2022, 28, 192-199.	1.9	11
93	ADAMTS13 Deficiency Worsens Colitis and Exogenous ADAMTS13 Administration Decreases Colitis Severity in Mice. <i>TH Open</i> , 2017, 01, e11-e23.	1.4	10
94	The Treatment of Inflammatory Bowel Disease in Patients with Selected Primary Immunodeficiencies. <i>Journal of Clinical Immunology</i> , 2018, 38, 579-588.	3.8	10
95	Mucosal Gene Expression in Pediatric and Adult Patients With Ulcerative Colitis Permits Modeling of Ideal Biopsy Collection Strategy for Transcriptomic Analysis. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 2565-2578.	1.9	10
96	An RTEL1 Mutation Links to Infantile-Onset Ulcerative Colitis and Severe Immunodeficiency. <i>Journal of Clinical Immunology</i> , 2020, 40, 1010-1019.	3.8	10
97	Restored Macrophage Function Ameliorates Disease Pathophysiology in a Mouse Model for IL10 Receptor-deficient Very Early Onset Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1588-1595.	1.3	10
98	CCR2 promotes monocyte recruitment and intestinal inflammation in mice lacking the interleukin-10 receptor. <i>Scientific Reports</i> , 2022, 12, 452.	3.3	10
99	Genetic and Transcriptomic Variation Linked to Neutrophil Granulocyte Macrophage Colony-Stimulating Factor Signaling in Pediatric Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 547-560.	1.9	8
100	Utilizing a reductionist model to study host-microbe interactions in intestinal inflammation. <i>Microbiome</i> , 2021, 9, 215.	11.1	8
101	Constitutive activation of WASp leads to abnormal cytotoxic cells with increased granzyme B and degranulation response to target cells. <i>JCI Insight</i> , 2021, 6, .	5.0	7
102	Variants in <i>STXBP3</i> are Associated with Very Early Onset Inflammatory Bowel Disease, Bilateral Sensorineural Hearing Loss and Immune Dysregulation. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1908-1919.	1.3	7
103	Monogenic Inflammatory Bowel Disease: It's Never Too Late to Make a Diagnosis. <i>Frontiers in Immunology</i> , 2020, 11, 1775.	4.8	6
104	16S rRNA sequencing analysis: the devil is in the details. <i>Gut Microbes</i> , 2020, 11, 1139-1142.	9.8	6
105	Humanized mouse models of genetic immune disorders and hematological malignancies. <i>Biochemical Pharmacology</i> , 2020, 174, 113671.	4.4	5
106	The E3 ubiquitin ligase UBR5 interacts with TTC7A and may be associated with very early onset inflammatory bowel disease. <i>Scientific Reports</i> , 2020, 10, 18648.	3.3	4
107	Hematopoietic Stem and Progenitor Cells from Human Pluripotent Stem Cells Via Transcription Factor Conversion of Hemogenic Endothelium. <i>Blood</i> , 2016, 128, 371-371.	1.4	3
108	Interleukin-10 Signaling in Hematopoietic Stem and Progenitor Cells Maintains Stem Cell Function and Regulates Inflammation-Induced Myeloid Cell Output. <i>Blood</i> , 2018, 132, 2407-2407.	1.4	3

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109	Gradual disappearance of intestinal CD103 <sup>+</sup> dendritic cells in intestinal mucosa of CCR9 <sup>Δ/Δ</sup> mice in an experimental chronic DSS-mediated colitis. <i>Inflammatory Bowel Diseases</i> , 2011, 17, S76.	1.9	0
110	Colitis in mice with WASP-Deficient myeloid cells is associated with defects in IL-10 secretion and can be rescued with exogenous IL-10. <i>Inflammatory Bowel Diseases</i> , 2011, 17, S74-S75.	1.9	0
111	Gastrointestinal Manifestations of Immunodeficiency. , 2021, , 429-450.e7.		0