

Thaddeus S Stappenbeck

List of Publications by Year in descending order

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Version: 2024-02-01

131
papers

21,542
citations

22153

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17592

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137
all docs

137
docs citations

137
times ranked

29924
citing authors

#	ARTICLE	IF	CITATIONS
1	The Current State of Care for Black and Hispanic Inflammatory Bowel Disease Patients. <i>Inflammatory Bowel Diseases</i> , 2023, 29, 297-307.	1.9	6
2	Reverse translation approach generates a signature of penetrating fibrosis in Crohn's disease that is associated with anti-TNF response. <i>Gut</i> , 2022, 71, 1289-1301.	12.1	9
3	Adaptive differentiation promotes intestinal villus recovery. <i>Developmental Cell</i> , 2022, 57, 166-179.e6.	7.0	25
4	Paying attention to minutiae: Strain level differences drive disease etiology. <i>Med</i> , 2022, 3, 270-272.	4.4	0
5	HOIL1 regulates group 2 innate lymphoid cell numbers and type 2 inflammation in the small intestine. <i>Mucosal Immunology</i> , 2022, 15, 642-655.	6.0	4
6	Local barriers configure systemic communications between the host and microbiota. <i>Science</i> , 2022, 376, 950-955.	12.6	20
7	Organoids in gastrointestinal diseases: from experimental models to clinical translation. <i>Gut</i> , 2022, 71, 1892-1908.	12.1	40
8	Altered Intestinal ACE2 Levels Are Associated With Inflammation, Severe Disease, and Response to Anti-Cytokine Therapy in Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2021, 160, 809-822.e7.	1.3	45
9	Epithelial Cell Biomarkers Are Predictive of Response to Biologic Agents in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 677-685.	1.9	5
10	HER2 and APC Mutations Promote Altered Crypt-Villus Morphology and Marked Hyperplasia in the Intestinal Epithelium. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 1105-1120.	4.5	4
11	Enteric helminth coinfection enhances host susceptibility to neurotropic flaviviruses via a tuft cell-IL-4 receptor signaling axis. <i>Cell</i> , 2021, 184, 1214-1231.e16.	28.9	48
12	<i>Debaryomyces</i> is enriched in Crohn's disease intestinal tissue and impairs healing in mice. <i>Science</i> , 2021, 371, 1154-1159.	12.6	126
13	Western diet induces Paneth cell defects through microbiome alterations and farnesoid X receptor and type I interferon activation. <i>Cell Host and Microbe</i> , 2021, 29, 988-1001.e6.	11.0	69
14	Chronic <i>Toxoplasma gondii</i> infection enhances susceptibility to colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	10
15	Biofilm Formation and Virulence of <i>Shigella flexneri</i> Are Modulated by pH of Gastrointestinal Tract. <i>Infection and Immunity</i> , 2021, 89, e0038721.	2.2	9
16	In Vitro Culture of <i>Cryptosporidium parvum</i> Using Stem Cell-Derived Intestinal Epithelial Monolayers. <i>Methods in Molecular Biology</i> , 2020, 2052, 351-372.	0.9	14
17	Polysaccharide Capsules Equip the Human Symbiont <i>Bacteroides thetaiotaomicron</i> to Modulate Immune Responses to a Dominant Antigen in the Intestine. <i>Journal of Immunology</i> , 2020, 204, 1035-1046.	0.8	26
18	The Intestinal Microbiome Restricts Alphavirus Infection and Dissemination through a Bile Acid-Type I IFN Signaling Axis. <i>Cell</i> , 2020, 182, 901-918.e18.	28.9	98

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19	Patient-derived small intestinal myofibroblasts direct perfused, physiologically responsive capillary development in a microfluidic Gut-on-a-Chip Model. <i>Scientific Reports</i> , 2020, 10, 3842.	3.3	29
20	BHLHE40 Promotes TH2 Cell-Mediated Antihelminth Immunity and Reveals Cooperative CSF2RB Family Cytokines. <i>Journal of Immunology</i> , 2020, 204, 923-932.	0.8	21
21	Neonatal Mouse Gut Metabolites Influence <i>Cryptosporidium parvum</i> Infection in Intestinal Epithelial Cells. <i>MBio</i> , 2020, 11, .	4.1	19
22	A network medicine approach to investigation and population-based validation of disease manifestations and drug repurposing for COVID-19. <i>PLoS Biology</i> , 2020, 18, e3000970.	5.6	139
23	Title is missing!. , 2020, 18, e3000970.		0
24	Title is missing!. , 2020, 18, e3000970.		0
25	Title is missing!. , 2020, 18, e3000970.		0
26	Title is missing!. , 2020, 18, e3000970.		0
27	Title is missing!. , 2020, 18, e3000970.		0
28	Title is missing!. , 2020, 18, e3000970.		0
29	Title is missing!. , 2020, 18, e3000970.		0
30	Long-Term Culture Captures Injury-Repair Cycles of Colonic Stem Cells. <i>Cell</i> , 2019, 179, 1144-1159.e15.	28.9	140
31	Microbiome control of innate reactivity. <i>Current Opinion in Immunology</i> , 2019, 56, 107-113.	5.5	35
32	A Stem-Cell-Derived Platform Enables Complete <i>Cryptosporidium</i> Development In Vitro and Genetic Tractability. <i>Cell Host and Microbe</i> , 2019, 26, 123-134.e8.	11.0	116
33	Multi-omics of the gut microbial ecosystem in inflammatory bowel diseases. <i>Nature</i> , 2019, 569, 655-662.	27.8	1,638
34	Autophagy proteins are required for club cell structure and function in airways. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L259-L270.	2.9	6
35	Challenges in IBD Research: Preclinical Human IBD Mechanisms. <i>Inflammatory Bowel Diseases</i> , 2019, 25, S5-S12.	1.9	44
36	Bhlhe40 mediates tissue-specific control of macrophage proliferation in homeostasis and type 2 immunity. <i>Nature Immunology</i> , 2019, 20, 687-700.	14.5	62

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37	<i>Atg14</i> protects the intestinal epithelium from TNF-triggered villus atrophy. <i>Autophagy</i> , 2019, 15, 1990-2001.	9.1	19
38	Ileal Gene Expression Data from Crohn's Disease Small Bowel Resections Indicate Distinct Clinical Subgroups. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 1055-1066.	1.3	14
39	PAI-1 augments mucosal damage in colitis. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	44
40	L-WRN conditioned medium for gastrointestinal epithelial stem cell culture shows replicable batch-to-batch activity levels across multiple research teams. <i>Stem Cell Research</i> , 2019, 37, 101430.	0.7	70
41	Diet modulates colonic T cell responses by regulating the expression of a <i>Bacteroides thetaiotaomicron</i> antigen. <i>Science Immunology</i> , 2019, 4, .	11.9	70
42	A screen of Crohn's disease-associated microbial metabolites identifies ascorbate as a novel metabolic inhibitor of activated human T cells. <i>Mucosal Immunology</i> , 2019, 12, 457-467.	6.0	44
43	Assigning function to symbionts. <i>Nature Microbiology</i> , 2018, 3, 6-7.	13.3	2
44	Intestinal Stem Cells Live Off the Fat of the Land. <i>Cell Stem Cell</i> , 2018, 22, 611-612.	11.1	5
45	A Common Mechanism Links Activities of Butyrate in the Colon. <i>ACS Chemical Biology</i> , 2018, 13, 1291-1298.	3.4	19
46	Cellular differentiation: Potential insight into butyrate paradox?. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1212685.	0.7	12
47	Intestinal Dysmotility Syndromes following Systemic Infection by Flaviviruses. <i>Cell</i> , 2018, 175, 1198-1212.e12.	28.9	53
48	Abnormal Small Intestinal Epithelial Microvilli in Patients With Crohn's Disease. <i>Gastroenterology</i> , 2018, 155, 815-828.	1.3	75
49	Temporal Regulation of the Bacterial Metabolite Deoxycholate during Colonic Repair Is Critical for Crypt Regeneration. <i>Cell Host and Microbe</i> , 2018, 24, 353-363.e5.	11.0	46
50	Monoclonal Antibodies to Intracellular Stages of <i>Cryptosporidium parvum</i> Define Life Cycle Progression <i>In Vitro</i> . <i>MSphere</i> , 2018, 3, .	2.9	31
51	Interaction between smoking and ATG16L1/T300A triggers Paneth cell defects in Crohn's disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 5110-5122.	8.2	53
52	Survival signal REG3 β prevents crypt apoptosis to control acute gastrointestinal graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 4970-4979.	8.2	94
53	Prostaglandin E2 promotes intestinal repair through an adaptive cellular response of the epithelium. <i>EMBO Journal</i> , 2017, 36, 5-24.	7.8	179
54	<i>Helicobacter</i> species are potent drivers of colonic T cell responses in homeostasis and inflammation. <i>Science Immunology</i> , 2017, 2, .	11.9	100

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55	The microbial metabolite desaminotyrosine protects from influenza through type I interferon. <i>Science</i> , 2017, 357, 498-502.	12.6	391
56	Paneth Cell Alterations in the Development and Phenotype of Crohn's Disease. <i>Gastroenterology</i> , 2017, 152, 322-326.	1.3	43
57	B cell-derived IL-4 acts on podocytes to induce proteinuria and foot process effacement. <i>JCI Insight</i> , 2017, 2, .	5.0	48
58	LRRK2 but not ATG16L1 is associated with Paneth cell defect in Japanese Crohn's disease patients. <i>JCI Insight</i> , 2017, 2, e91917.	5.0	46
59	Paneth cell defects in Crohn's disease patients promote dysbiosis. <i>JCI Insight</i> , 2016, 1, e86907.	5.0	91
60	Effects of a gut pathobiont in a gnotobiotic mouse model of childhood undernutrition. <i>Science Translational Medicine</i> , 2016, 8, 366ra164.	12.4	54
61	Current concepts in chronic inflammatory diseases: Interactions between microbes, cellular metabolism, and inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 47-56.	2.9	35
62	A Dietary Fiber-Deprived Gut Microbiota Degrades the Colonic Mucus Barrier and Enhances Pathogen Susceptibility. <i>Cell</i> , 2016, 167, 1339-1353.e21.	28.9	1,882
63	Accounting for reciprocal host-microbiome interactions in experimental science. <i>Nature</i> , 2016, 534, 191-199.	27.8	205
64	The Colonic Crypt Protects Stem Cells from Microbiota-Derived Metabolites. <i>Cell</i> , 2016, 165, 1708-1720.	28.9	484
65	IL13 activates autophagy to regulate secretion in airway epithelial cells. <i>Autophagy</i> , 2016, 12, 397-409.	9.1	130
66	P-122 Bacteroides Thetaiotaomicron Induce Tregs in the Colon in a Capsule Independent Mechanism. <i>Inflammatory Bowel Diseases</i> , 2016, 22, S47.	1.9	0
67	Genetics and Pathogenesis of Inflammatory Bowel Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2016, 11, 127-148.	22.4	201
68	O-013 Defining the Basis of Epithelial Defects in Crohn's Using Intestinal Spheroid Culture. <i>Inflammatory Bowel Diseases</i> , 2016, 22, S1-S80.	1.9	1
69	IgG Detoxes the Intestinal Mucosa. <i>Cell Host and Microbe</i> , 2015, 17, 538-539.	11.0	4
70	Colitogenic Bacteroides thetaiotaomicron Antigens Access Host Immune Cells in a Sulfatase-Dependent Manner via Outer Membrane Vesicles. <i>Cell Host and Microbe</i> , 2015, 17, 672-680.	11.0	179
71	Dnmt1 is essential to maintain progenitors in the perinatal intestinal epithelium. <i>Development (Cambridge)</i> , 2015, 142, 2163-2172.	2.5	60
72	Fasting protects mice from lethal DNA damage by promoting small intestinal epithelial stem cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E7148-54.	7.1	82

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73	Vertically transmitted faecal IgA levels determine extra-chromosomal phenotypic variation. <i>Nature</i> , 2015, 521, 90-93.	27.8	221
74	Disease-Specific Alterations in the Enteric Virome in Inflammatory Bowel Disease. <i>Cell</i> , 2015, 160, 447-460.	28.9	1,036
75	Gremlin 1 Identifies a Skeletal Stem Cell with Bone, Cartilage, and Reticular Stromal Potential. <i>Cell</i> , 2015, 160, 269-284.	28.9	535
76	Functional characterization of IgA-targeted bacterial taxa from undernourished Malawian children that produce diet-dependent enteropathy. <i>Science Translational Medicine</i> , 2015, 7, 276ra24.	12.4	280
77	Development of an enhanced human gastrointestinal epithelial culture system to facilitate patient-based assays. <i>Gut</i> , 2015, 64, 911-920.	12.1	410
78	Runx3 specifies lineage commitment of innate lymphoid cells. <i>Nature Immunology</i> , 2015, 16, 1124-1133.	14.5	154
79	Unique and redundant functions of NKp46+ ILC3s in models of intestinal inflammation. <i>Journal of Experimental Medicine</i> , 2015, 212, 1869-1882.	8.5	181
80	Gut-Pancreatic Axis AMPlified in Islets of Langerhans. <i>Immunity</i> , 2015, 43, 216-218.	14.3	5
81	Hepatocyte Growth Factor and MET Support Mouse Enteric Nervous System Development, the Peristaltic Response, and Intestinal Epithelial Proliferation in Response to Injury. <i>Journal of Neuroscience</i> , 2015, 35, 11543-11558.	3.6	34
82	Type I Interferons Link Viral Infection to Enhanced Epithelial Turnover and Repair. <i>Cell Host and Microbe</i> , 2015, 17, 85-97.	11.0	78
83	Novel Mode of ISG15-Mediated Protection against Influenza A Virus and Sendai Virus in Mice. <i>Journal of Virology</i> , 2015, 89, 337-349.	3.4	35
84	Mucosally transplanted mesenchymal stem cells stimulate intestinal healing by promoting angiogenesis. <i>Journal of Clinical Investigation</i> , 2015, 125, 3606-3618.	8.2	55
85	IL-6 Stimulates Intestinal Epithelial Proliferation and Repair after Injury. <i>PLoS ONE</i> , 2014, 9, e114195.	2.5	201
86	Atg16L1 T300A variant decreases selective autophagy resulting in altered cytokine signaling and decreased antibacterial defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7741-7746.	7.1	298
87	Role of viruses and bacteria-virus interactions in autoimmunity. <i>Current Opinion in Immunology</i> , 2014, 31, 102-107.	5.5	17
88	Spatial and Temporal Stability of Paneth Cell Phenotypes in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 646-651.	1.9	23
89	Inhibition of Cyclooxygenase-2 Prevents Chronic and Recurrent Cystitis. <i>EBioMedicine</i> , 2014, 1, 46-57.	6.1	92
90	Genetic Variants Synthesize to Produce Paneth Cell Phenotypes That Define Subtypes of Crohn's Disease. <i>Gastroenterology</i> , 2014, 146, 200-209.	1.3	155

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91	Host-microbe interactions shaping the gastrointestinal environment. <i>Trends in Immunology</i> , 2014, 35, 538-548.	6.8	138
92	Atg16l1 is Required for Autophagy in Intestinal Epithelial Cells and Protection of Mice From Salmonella Infection. <i>Gastroenterology</i> , 2013, 145, 1347-1357.	1.3	211
93	Peripheral education of the immune system by the colonic microbiota. <i>Seminars in Immunology</i> , 2013, 25, 364-369.	5.6	82
94	Autophagy and Intestinal Homeostasis. <i>Annual Review of Physiology</i> , 2013, 75, 241-262.	13.1	69
95	In vitro expansion and genetic modification of gastrointestinal stem cells in spheroid culture. <i>Nature Protocols</i> , 2013, 8, 2471-2482.	12.0	593
96	Autophagy proteins control goblet cell function by potentiating reactive oxygen species production. <i>EMBO Journal</i> , 2013, 32, 3130-3144.	7.8	216
97	Counteracting stem cell expansion during wound repair. <i>Cell Cycle</i> , 2013, 12, 387-388.	2.6	5
98	A Novel Strategy to Increase the Proliferative Potential of Adult Human \hat{I}^2 -Cells While Maintaining Their Differentiated Phenotype. <i>PLoS ONE</i> , 2013, 8, e66131.	2.5	32
99	Wnt5a Potentiates TGF- \hat{I}^2 Signaling to Promote Colonic Crypt Regeneration After Tissue Injury. <i>Science</i> , 2012, 338, 108-113.	12.6	402
100	Igf2bp1 Is Required for Full Induction of Ptgs2 mRNA in Colonic Mesenchymal Stem Cells in Mice. <i>Gastroenterology</i> , 2012, 143, 110-121.e10.	1.3	66
101	Viral interactions with the host and microbiota in the intestine. <i>Current Opinion in Immunology</i> , 2012, 24, 405-410.	5.5	48
102	Colonic epithelial response to injury requires Myd88 signaling in myeloid cells. <i>Mucosal Immunology</i> , 2012, 5, 194-206.	6.0	46
103	Peripheral education of the immune system by colonic commensal microbiota. <i>Nature</i> , 2011, 478, 250-254.	27.8	920
104	Commensal Bacteroides Species Induce Colitis in Host-Genotype-Specific Fashion in a Mouse Model of Inflammatory Bowel Disease. <i>Cell Host and Microbe</i> , 2011, 9, 390-403.	11.0	409
105	Diversity of the autochthonous colonic microbiota. <i>Gut Microbes</i> , 2011, 2, 99-104.	9.8	149
106	Tracking Cell Lineage to Rediscover (again) the Switch from Ciliated to Mucous Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 261-263.	2.9	6
107	Host genetic susceptibility, dysbiosis, and viral triggers in inflammatory bowel disease. <i>Current Opinion in Gastroenterology</i> , 2011, 27, 321-327.	2.3	64
108	Spatial organization of intestinal microbiota in the mouse ascending colon. <i>ISME Journal</i> , 2011, 5, 627-638.	9.8	228

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109	Crohn disease: A current perspective on genetics, autophagy and immunity. <i>Autophagy</i> , 2011, 7, 355-374.	9.1	94
110	Growth Factor Regulation of Prostaglandin-Endoperoxide Synthase 2 (Ptgs2) Expression in Colonic Mesenchymal Stem Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 5026-5039.	3.4	33
111	Virus-Plus-Susceptibility Gene Interaction Determines Crohn's Disease Gene Atg16L1 Phenotypes in Intestine. <i>Cell</i> , 2010, 141, 1135-1145.	28.9	809
112	Vav proteins are necessary for correct differentiation of mouse cecal and colonic enterocytes. <i>Journal of Cell Science</i> , 2009, 122, 324-334.	2.0	23
113	Efficient colonic mucosal wound repair requires Trem2 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 256-261.	7.1	248
114	Response of small intestinal epithelial cells to acute disruption of cell division through CDC25 deletion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4701-4706.	7.1	72
115	Role of Autophagy and Autophagy Genes in Inflammatory Bowel Disease. <i>Current Topics in Microbiology and Immunology</i> , 2009, 335, 141-167.	1.1	43
116	Paneth Cell Development, Differentiation, and Function: New Molecular Cues. <i>Gastroenterology</i> , 2009, 137, 30-33.	1.3	47
117	The Role of Stromal Stem Cells in Tissue Regeneration and Wound Repair. <i>Science</i> , 2009, 324, 1666-1669.	12.6	304
118	A common role for Atg16L1, Atg5, and Atg7 in small intestinal Paneth cells and Crohn disease. <i>Autophagy</i> , 2009, 5, 250-252.	9.1	202
119	Diverse Adult Stem Cells Share Specific Higher-Order Patterns of Gene Expression. <i>Stem Cells</i> , 2008, 26, 2124-2130.	3.2	26
120	A key role for autophagy and the autophagy gene Atg16l1 in mouse and human intestinal Paneth cells. <i>Nature</i> , 2008, 456, 259-263.	27.8	1,341
121	Laminin ± 5 influences the architecture of the mouse small intestine mucosa. <i>Journal of Cell Science</i> , 2008, 121, 2493-2502.	2.0	64
122	An Antibiotic-Responsive Mouse Model of Fulminant Ulcerative Colitis. <i>PLoS Medicine</i> , 2008, 5, e41.	8.4	109
123	Role of Microbes in the Adaptation of the Colonic Epithelial Progenitor Niche During Injury. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2008, 46, E12.	1.8	0
124	Myd88-dependent positioning of Ptgs2-expressing stromal cells maintains colonic epithelial proliferation during injury. <i>Journal of Clinical Investigation</i> , 2007, 117, 258-269.	8.2	227
125	Laminins regulate crypt-villus architecture and epithelial cell behavior in the mouse intestine. <i>FASEB Journal</i> , 2007, 21, A43.	0.5	0
126	Activated macrophages are an adaptive element of the colonic epithelial progenitor niche necessary for regenerative responses to injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 99-104.	7.1	541

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127	Angiogenins: a new class of microbicidal proteins involved in innate immunity. <i>Nature Immunology</i> , 2003, 4, 269-273.	14.5	836
128	Molecular features of adult mouse small intestinal epithelial progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1004-1009.	7.1	135
129	[15] Laser capture microdissection of mouse intestine: Characterizing mrna and protein expression, and profiling intermediary metabolism in specified cell populations. <i>Methods in Enzymology</i> , 2002, 356, 167-196.	1.0	55
130	Developmental regulation of intestinal angiogenesis by indigenous microbes via Paneth cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15451-15455.	7.1	922
131	Notes from some crypt watchers: regulation of renewal in the mouse intestinal epithelium. <i>Current Opinion in Cell Biology</i> , 1998, 10, 702-709.	5.4	139