

# Andrew S Neish

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111  
papers

8,810  
citations

45  
h-index

93  
g-index

156  
ext. papers

10,060  
ext. citations

7.2  
avg, IF

6.37  
L-index

#	Paper	IF	Citations
111	371. Estimating SARS-CoV-2 Seroprevalence from Spent Blood Samples, January-March 2021. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, S287-S288	1	
110	Microbial metabolite delta-valerobetaine is a diet-dependent obesogen.. <i>Nature Metabolism</i> , <b>2021</b> , 3, 1694-1705	14.6	7
109	Recombinant SARS-CoV-2 genomes are currently circulating at low levels <b>2021</b> ,		16
108	Comparison of Antibody Class-Specific SARS-CoV-2 Serologies for the Diagnosis of Acute COVID-19. <i>Journal of Clinical Microbiology</i> , <b>2021</b> , 59,	9.7	13
107	Preimmune Recognition and Response to Microbial Metabolites. <i>Physiology</i> , <b>2021</b> , 36, 94-101	9.8	0
106	Are We Forgetting About IgA? A Re-examination of Coronavirus Disease 2019 Convalescent Plasma. <i>Transfusion</i> , <b>2021</b> , 61, 1740-1748	2.9	5
105	Gut Microbiota in Intestinal and Liver Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2021</b> , 16, 251-275	34	9
104	The need for new test verification and regulatory support for innovative diagnostics. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 1060-1062	44.5	1
103	A Human Microbiota-Associated Murine Model for Assessing the Impact of the Vaginal Microbiota on Pregnancy Outcomes. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 570025	5.9	0
102	Rapid Generation of Neutralizing Antibody Responses in COVID-19 Patients. <i>Cell Reports Medicine</i> , <b>2020</b> , 1, 100040	18	268
101	Gut-Resident Lactobacilli Activate Hepatic Nrf2 and Protect Against Oxidative Liver Injury. <i>Cell Metabolism</i> , <b>2020</b> , 31, 956-968.e5	24.6	54
100	Galectin-9 Is a Novel Regulator of Epithelial Restitution. <i>American Journal of Pathology</i> , <b>2020</b> , 190, 1657-1666	16.6	10
99	Initiation of Parkinson's disease from gut to brain by B-secretase. <i>Cell Research</i> , <b>2020</b> , 30, 70-87	24.7	23
98	Intestinal epithelial glycosylation in homeostasis and gut microbiota interactions in IBD. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2020</b> , 17, 597-617	24.2	45
97	Proline-Rich Acidic Protein 1 (PRAP1) Protects the Gastrointestinal Epithelium From Irradiation-Induced Apoptosis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2020</b> , 10, 713-727	7.9	1
96	Neutrophil-Derived Reactive Oxygen Orchestrates Epithelial Cell Signaling Events during Intestinal Repair. <i>American Journal of Pathology</i> , <b>2019</b> , 189, 2221-2232	5.8	10
95	Formyl peptide receptor 2 regulates monocyte recruitment to promote intestinal mucosal wound repair. <i>FASEB Journal</i> , <b>2019</b> , 33, 13632-13643	0.9	15

94	Interactions Between Commensal Bacteria and Enteric Neurons, via FPR1 Induction of ROS, Increase Gastrointestinal Motility in Mice. <i>Gastroenterology</i> , <b>2019</b> , 157, 179-192.e2	13.3	33
93	Hydro-Cy3-Mediated Detection of Reactive Oxygen Species In Vitro and In Vivo. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1982, 329-337	1.4	0
92	Daratumumab in multiple myeloma. <i>Cancer</i> , <b>2019</b> , 125, 2364-2382	6.4	58
91	Regulation of the Hepatic Antioxidant Response by the Probiotic <i>Lactobacillus rhamnosus</i> GG. <i>FASEB Journal</i> , <b>2019</b> , 33, 369.5	0.9	2
90	Functional Role of Microbiota-derived Metabolites in the GPCR-mediated Regulation of Intestinal Wound Healing and Barrier Function. <i>FASEB Journal</i> , <b>2019</b> , 33, 34.7	0.9	
89	Lactobacilli -induced Generation of Reactive Oxygen Species via Formyl Peptide Receptor-1 (FPR1) Regulates Intestinal Motility in Mice. <i>FASEB Journal</i> , <b>2019</b> , 33, 763.1	0.9	
88	Alginate/chitosan microparticles for gastric passage and intestinal release of therapeutic protein nanoparticles. <i>Journal of Controlled Release</i> , <b>2019</b> , 295, 174-186	11.7	50
87	Proteomic analysis of microbial induced redox-dependent intestinal signaling. <i>Redox Biology</i> , <b>2019</b> , 20, 526-532	11.3	14
86	Commensal microbiota-induced redox signaling activates proliferative signals in the intestinal stem cell microenvironment. <i>Development (Cambridge)</i> , <b>2019</b> , 146,	6.6	16
85	Serum Amyloid A1 Is an Epithelial Prorestitutive Factor. <i>American Journal of Pathology</i> , <b>2018</b> , 188, 937-949	4.8	8
84	PRAP1: A Novel Epithelial Secreted Protein. <i>FASEB Journal</i> , <b>2018</b> , 32, 406.8	0.9	
83	Galectin-9 is a Novel Modulator of Epithelial Restitution. <i>FASEB Journal</i> , <b>2018</b> , 32, 414.1	0.9	
82	Probiotic <i>Lactobacilli</i> Improves Intestinal Motility in Mice. <i>FASEB Journal</i> , <b>2018</b> , 32, 875.4	0.9	
81	Role of gut microbiota in intestinal wound healing and barrier function. <i>Tissue Barriers</i> , <b>2018</b> , 6, 1539595	4.3	51
80	Timing of developmental reduction in epithelial glutathione redox potential is associated with increased epithelial proliferation in the immature murine intestine. <i>Pediatric Research</i> , <b>2017</b> , 82, 362-369 <sup>3-2</sup>		3
79	Bioengineering Bacterially Derived Immunomodulants: A Therapeutic Approach to Inflammatory Bowel Disease. <i>ACS Nano</i> , <b>2017</b> , 11, 9650-9662	16.7	17
78	Redox signaling mediated by the gut microbiota. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 105, 41-47	7.8	82
77	The microenvironment of injured murine gut elicits a local pro-restitutive microbiota. <i>Nature Microbiology</i> , <b>2016</b> , 1, 15021	26.6	118

76	Loss of Junctional Adhesion Molecule A Promotes Severe Steatohepatitis in Mice on a Diet High in Saturated Fat, Fructose, and Cholesterol. <i>Gastroenterology</i> , <b>2016</b> , 151, 733-746.e12	13.3	158
75	Wild-type and mutant AvrA- Salmonella induce broadly similar immune pathways in the chicken ceca with key differences in signaling intermediates and inflammation. <i>Poultry Science</i> , <b>2016</b> , 95, 354-63	3.9	6
74	Redox control of Cas phosphorylation requires Abl kinase in regulation of intestinal epithelial cell spreading and migration. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 311, G458-65	5.1	5
73	Cosmc is an X-linked inflammatory bowel disease risk gene that spatially regulates gut microbiota and contributes to sex-specific risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 14787-14792	11.5	44
72	Lactobacilli Modulate Epithelial Cytoprotection through the Nrf2 Pathway. <i>Cell Reports</i> , <b>2015</b> , 12, 1217-25	25.6	130
71	Annexin A1-containing extracellular vesicles and polymeric nanoparticles promote epithelial wound repair. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 1215-27	15.9	192
70	Mucosal immunity and the microbiome. <i>Annals of the American Thoracic Society</i> , <b>2014</b> , 11 Suppl 1, S28-32	4.7	49
69	Human microbiome science: vision for the future, Bethesda, MD, July 24 to 26, 2013. <i>Microbiome</i> , <b>2014</b> , 2,	16.6	18
68	Epithelial adhesion mediated by pilin SpaC is required for Lactobacillus rhamnosus GG-induced cellular responses. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 5068-77	4.8	64
67	Redox signaling mediates symbiosis between the gut microbiota and the intestine. <i>Gut Microbes</i> , <b>2014</b> , 5, 250-3	8.8	39
66	Nox enzymes and new thinking on reactive oxygen: a double-edged sword revisited. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2014</b> , 9, 119-45	34	302
65	Redox signaling mediated by the gut microbiota. <i>Free Radical Research</i> , <b>2013</b> , 47, 950-7	4	55
64	Symbiotic lactobacilli stimulate gut epithelial proliferation via Nox-mediated generation of reactive oxygen species. <i>EMBO Journal</i> , <b>2013</b> , 32, 3017-28	13	248
63	New insights into probiotic mechanisms: a harvest from functional and metagenomic studies. <i>Gut Microbes</i> , <b>2013</b> , 4, 94-100	8.8	32
62	Annexin A1, formyl peptide receptor, and NOX1 orchestrate epithelial repair. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 443-54	15.9	207
61	Commensal Lactobacillus modulate ROS-dependent cytoprotective gene expression in intestinal epithelia. <i>FASEB Journal</i> , <b>2013</b> , 27, 131.11	0.9	1
60	Symbiotic Lactobacilli Stimulate Metazoan Gut Proliferation via Induction of Reactive Oxygen Species by Nox1. <i>FASEB Journal</i> , <b>2013</b> , 27, 131.4	0.9	1
59	The N-Formyl peptide receptor 1 (FPR1) is required for enteric commensal mediated mucosal homeostasis and restitution. <i>FASEB Journal</i> , <b>2013</b> , 27, 132.8	0.9	

58	The Salmonella effector AvrA mediates bacterial intracellular survival during infection in vivo. <i>Cellular Microbiology</i> , <b>2012</b> , 14, 28-39	3.9	54
57	Lactobacillus colonization induces ROS-dependent intestinal development. <i>FASEB Journal</i> , <b>2012</b> , 26, 394.2	0.9	
56	Commensal microbiota modulate ROS-dependent cytoprotective gene expression in Drosophila intestinal epithelia. <i>FASEB Journal</i> , <b>2012</b> , 26, 394.3	0.9	
55	N-formyl peptide receptor-1 is important for homeostasis of intestinal epithelial cells. <i>FASEB Journal</i> , <b>2012</b> , 26, 56.2	0.9	
54	Flagellin administration protects gut mucosal tissue from irradiation-induced apoptosis via MKP-7 activity. <i>Gut</i> , <b>2011</b> , 60, 648-57	19.2	51
53	Microbial-induced immunomodulation by targeting the NF- $\kappa$ B system. <i>Trends in Microbiology</i> , <b>2011</b> , 19, 596-605	12.4	26
52	Recognition of bacterial pathogens and mucosal immunity. <i>Cellular Microbiology</i> , <b>2011</b> , 13, 670-6	3.9	26
51	NF- $\kappa$ B and mucosal homeostasis. <i>Current Topics in Microbiology and Immunology</i> , <b>2011</b> , 349, 145-58	3.3	13
50	Enteric commensal bacteria potentiate epithelial restitution via reactive oxygen species-mediated inactivation of focal adhesion kinase phosphatases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 8803-8	11.5	117
49	Enteric commensal bacteria induce extracellular signal-regulated kinase pathway signaling via formyl peptide receptor-dependent redox modulation of dual specific phosphatase 3. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 38448-38455	5.4	89
48	Enteropathogenic E. coli non-LEE encoded effectors NleH1 and NleH2 attenuate NF- $\kappa$ B activation. <i>Molecular Microbiology</i> , <b>2010</b> , 78, 1232-45	4.1	69
47	Commensal-epithelial signaling mediated via formyl peptide receptors. <i>American Journal of Pathology</i> , <b>2010</b> , 177, 2782-90	5.8	55
46	Molecular Analysis of Microbiota-Host Cross-Talk in the Intestine. <i>Bioscience and Microflora</i> , <b>2010</b> , 29, 1-10		2
45	Indigenous microbiota influence epithelial homeostasis through the activation of Reactive Oxygen Species. <i>FASEB Journal</i> , <b>2010</b> , 24, 117.2	0.9	
44	Salmonella effector protein AvrA influences bacterial dissemination and persistence within the host. <i>FASEB Journal</i> , <b>2010</b> , 24, 1030.19	0.9	
43	Commensal-epithelial signaling mediated via Formyl Peptide Receptor. <i>FASEB Journal</i> , <b>2010</b> , 24, 952.9	0.9	
42	The bacterial fermentation product butyrate influences epithelial signaling via reactive oxygen species-mediated changes in cullin-1 neddylation. <i>Journal of Immunology</i> , <b>2009</b> , 182, 538-46	5.3	102
41	Lactobacillus rhamnosus blocks inflammatory signaling in vivo via reactive oxygen species generation. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 47, 1205-11	7.8	136

40	Microbes in gastrointestinal health and disease. <i>Gastroenterology</i> , <b>2009</b> , 136, 65-80	13.3	942
39	<i>Salmonella enterica</i> serovar Typhimurium flagellin modulates CD4+ T cell apoptosis in Peyer's patches and spleen. <i>FASEB Journal</i> , <b>2009</b> , 23, 570.19	0.9	
38	Formylated Peptide Receptor Mediated Commensal-Epithelial Signaling. <i>FASEB Journal</i> , <b>2009</b> , 23, 570.18.9		
37	<i>Salmonella</i> effector AvrA promotes cellular proliferation. <i>FASEB Journal</i> , <b>2009</b> , 23, 45.7	0.9	
36	<i>Salmonella</i> AvrA Coordinates Suppression of Host Immune and Apoptotic Defenses via JNK Pathway Blockade. <i>Cell Host and Microbe</i> , <b>2008</b> , 3, 233-44	23.4	187
35	Flagellin treatment protects against chemicals, bacteria, viruses, and radiation. <i>Journal of Immunology</i> , <b>2008</b> , 180, 8280-5	5.3	154
34	Toll-like receptor 5-deficient mice have dysregulated intestinal gene expression and nonspecific resistance to <i>Salmonella</i> -induced typhoid-like disease. <i>Infection and Immunity</i> , <b>2008</b> , 76, 1276-81	3.7	45
33	The probiotic <i>Lactobacillus</i> GG may augment intestinal host defense by regulating apoptosis and promoting cytoprotective responses in the developing murine gut. <i>Pediatric Research</i> , <b>2008</b> , 64, 511-6	3.2	90
32	Modulation of host apoptotic signaling by the <i>Salmonella</i> effector protein AvrA. <i>FASEB Journal</i> , <b>2008</b> , 22, 320.5	0.9	
31	Commensal bacteria promote intestinal epithelial restitution by regulating FAK phosphorylation. <i>FASEB Journal</i> , <b>2008</b> , 22, 464.10	0.9	
30	LACTOBACILLUS RHAMNOSUS SUPPRESSES EPITHELIAL APOPTOSIS BY UPREGULATING CYTOPROTECTIVE GENES IN THE IMMATURE GUT. <i>FASEB Journal</i> , <b>2008</b> , 22, 899.14	0.9	
29	<i>Salmonella</i> evades host innate immunity via AvrA mediated inhibition of cytokine production and pro-apoptotic pathways. <i>FASEB Journal</i> , <b>2008</b> , 22, 899.13	0.9	
28	A <i>Drosophila</i> genetic screen for the discovery of novel NF- $\kappa$ B and apoptotic regulatory genes. <i>FASEB Journal</i> , <b>2008</b> , 22, 899.17	0.9	
27	Commensal bacteria modulate cullin-dependent signaling via generation of reactive oxygen species. <i>EMBO Journal</i> , <b>2007</b> , 26, 4457-66	13	207
26	TLRS in the gut. II. Flagellin-induced inflammation and antiapoptosis. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 292, G462-6	5.1	12
25	Deletion of TLR5 results in spontaneous colitis in mice. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 3909-21.9	15.9	314
24	Commensal bacteria stimulate rapid phosphorylation of epithelial focal adhesion kinase that results in host cytoskeletal rearrangements. <i>FASEB Journal</i> , <b>2007</b> , 21, A766	0.9	
23	Enteric commensal bacteria elicit epithelial ROS and modulate signaling via repression of cullin-dependent ubiquitination. <i>FASEB Journal</i> , <b>2007</b> , 21, A132	0.9	

22	Identification of molecular anti-inflammatory mechanisms of adenosine: Cullin-1 deneddylation during hypoxic preconditioning (HPC). <i>FASEB Journal</i> , <b>2007</b> , 21, A131	0.9	
21	Salmonella AvrA Modulates Innate Immune Signaling: A Mechanistic Analysis in Drosophila. <i>FASEB Journal</i> , <b>2007</b> , 21, A132	0.9	1
20	Flagellin/TLR5 responses in epithelia reveal intertwined activation of inflammatory and apoptotic pathways. <i>American Journal of Physiology - Renal Physiology</i> , <b>2006</b> , 290, G96-G108	5.1	102
19	Flagellin suppresses epithelial apoptosis and limits disease during enteric infection. <i>American Journal of Pathology</i> , <b>2006</b> , 169, 1686-700	5.8	102
18	Plasmid DNA and siRNA transfection of intestinal epithelial monolayers by electroporation. <i>International Journal of Pharmaceutics</i> , <b>2006</b> , 315, 122-33	6.5	10
17	Cutting edge: bacterial modulation of epithelial signaling via changes in neddylation of cullin-1. <i>Journal of Immunology</i> , <b>2005</b> , 175, 4194-8	5.3	98
16	Molecular aspects of intestinal epithelial cell-bacterial interactions that determine the development of intestinal inflammation. <i>Inflammatory Bowel Diseases</i> , <b>2004</b> , 10, 159-68	4.5	37
15	Bacterial inhibition of eukaryotic pro-inflammatory pathways. <i>Immunologic Research</i> , <b>2004</b> , 29, 175-86	4.3	31
14	Electroporation-mediated delivery of molecules to model intestinal epithelia. <i>International Journal of Pharmaceutics</i> , <b>2004</b> , 270, 127-38	6.5	14
13	Flagellin is the major proinflammatory determinant of enteropathogenic Salmonella. <i>Journal of Immunology</i> , <b>2003</b> , 171, 3668-74	5.3	188
12	Beta defensin-1, parvalbumin, and vimentin: a panel of diagnostic immunohistochemical markers for renal tumors derived from gene expression profiling studies using cDNA microarrays. <i>American Journal of Surgical Pathology</i> , <b>2003</b> , 27, 199-205	6.7	96
11	TLR5-mediated activation of p38 MAPK regulates epithelial IL-8 expression via posttranscriptional mechanism. <i>American Journal of Physiology - Renal Physiology</i> , <b>2003</b> , 285, G282-90	5.1	105
10	The gut microflora and intestinal epithelial cells: a continuing dialogue. <i>Microbes and Infection</i> , <b>2002</b> , 4, 309-17	9.3	118
9	Lipoxin a4 analogs attenuate induction of intestinal epithelial proinflammatory gene expression and reduce the severity of dextran sodium sulfate-induced colitis. <i>Journal of Immunology</i> , <b>2002</b> , 168, 5260-7	5.3	228
8	Cutting edge: Salmonella AvrA effector inhibits the key proinflammatory, anti-apoptotic NF-kappa B pathway. <i>Journal of Immunology</i> , <b>2002</b> , 169, 2846-50	5.3	238
7	Interaction of bacteria and bacterial toxins with intestinal epithelial cells. <i>Current Gastroenterology Reports</i> , <b>2001</b> , 3, 392-8	5	13
6	Expression profiling of renal epithelial neoplasms: a method for tumor classification and discovery of diagnostic molecular markers. <i>American Journal of Pathology</i> , <b>2001</b> , 158, 1639-51	5.8	269
5	Salmonella typhimurium induces epithelial IL-8 expression via Ca(2+)-mediated activation of the NF-kappaB pathway. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 105, 79-92	15.9	171

4	Transcriptional regulation of endothelial cell adhesion molecules: NF- $\kappa$ B and cytokine-inducible enhancers. <i>FASEB Journal</i> , <b>1995</b> , 9, 899-909	0.9	1487
3	The proteasome pathway is required for cytokine-induced endothelial-leukocyte adhesion molecule expression. <i>Immunity</i> , <b>1995</b> , 2, 493-506	32.3	318
2	Microbial Interference with Host Inflammatory Responses 175-190		1
1	Recombinant SARS-CoV-2 genomes circulated at low levels over the first year of the pandemic. <i>Virus Evolution</i> ,	3.7	10