

Andrew J Macpherson

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

8,969
citations

101543

36
h-index

123424

61
g-index

66
all docs

66
docs citations

66
times ranked

12092
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate lymphoid cell characterization in the rat and their correlation to gut commensal microbes. <i>European Journal of Immunology</i> , 2022, 52, 717-729.	2.9	2
2	Gut microbiota drives age-related oxidative stress and mitochondrial damage in microglia via the metabolite N6-carboxymethyllysine. <i>Nature Neuroscience</i> , 2022, 25, 295-305.	14.8	84
3	Microbial drivers of DSS variability. <i>Nature Microbiology</i> , 2022, 7, 478-479.	13.3	1
4	Noninvasive assessment of gut function using transcriptional recording sentinel cells. <i>Science</i> , 2022, 376, eabm6038.	12.6	45
5	Long-term evolution and short-term adaptation of microbiota strains and sub-strains in mice. <i>Cell Host and Microbe</i> , 2021, 29, 650-663.e9.	11.0	58
6	Commensal microbiota divergently affect myeloid subsets in the mammalian central nervous system during homeostasis and disease. <i>EMBO Journal</i> , 2021, 40, e108605.	7.8	12
7	Parallelism of intestinal secretory IgA shapes functional microbial fitness. <i>Nature</i> , 2021, 598, 657-661.	27.8	60
8	Microbiota-derived acetate enables the metabolic fitness of the brain innate immune system during health and disease. <i>Cell Metabolism</i> , 2021, 33, 2260-2276.e7.	16.2	173
9	Genotype-phenotype associations of polymorphisms within the gene locus of NOD-like receptor pyrin domain containing 3 in Swiss inflammatory bowel disease patients. <i>BMC Gastroenterology</i> , 2021, 21, 310.	2.0	5
10	Intraperitoneal microbial contamination drives post-surgical peritoneal adhesions by mesothelial EGFR-signaling. <i>Nature Communications</i> , 2021, 12, 7316.	12.8	22
11	The University of Zimbabwe College of Health Sciences (UZ-CHS) BIRTH COHORT study: rationale, design and methods. <i>BMC Infectious Diseases</i> , 2020, 20, 725.	2.9	10
12	In Silico Comparison Shows that the Pan-Genome of a Dairy-Related Bacterial Culture Collection Covers Most Reactions Annotated to Human Microbiomes. <i>Microorganisms</i> , 2020, 8, 966.	3.6	4
13	Different effects of constitutive and induced microbiota modulation on microglia in a mouse model of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2020, 8, 119.	5.2	75
14	Mucosal or systemic microbiota exposures shape the B cell repertoire. <i>Nature</i> , 2020, 584, 274-278.	27.8	132
15	Warmth Prevents Bone Loss Through the Gut Microbiota. <i>Cell Metabolism</i> , 2020, 32, 575-590.e7.	16.2	88
16	Microbial-host molecular exchange and its functional consequences in early mammalian life. <i>Science</i> , 2020, 368, 604-607.	12.6	91
17	Breast Milk Modulates Transgenerational Immune Inheritance. <i>Cell</i> , 2020, 181, 1202-1204.	28.9	10
18	Microbiota-Induced Type I Interferons Instruct a Poised Basal State of Dendritic Cells. <i>Cell</i> , 2020, 181, 1080-1096.e19.	28.9	139

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19	Progressive malnutrition despite percutaneous endoscopic gastrostomy. <i>Frontline Gastroenterology</i> , 2020, 12, flgastro-2020-101413.	1.8	0
20	<i>Escherichia coli</i> limits <i>Salmonella Typhimurium</i> infections after diet shifts and fat-mediated microbiota perturbation in mice. <i>Nature Microbiology</i> , 2019, 4, 2164-2174.	13.3	88
21	Microbial network disturbances in relapsing refractory Crohn's disease. <i>Nature Medicine</i> , 2019, 25, 323-336.	30.7	277
22	Epithelial endoplasmic reticulum stress orchestrates a protective IgA response. <i>Science</i> , 2019, 363, 993-998.	12.6	51
23	Endoscopic rescue therapy of a distally perforated, retroperitoneal stent after EUS-guided pancreaticogastrostomy. <i>VideoGIE</i> , 2019, 4, 169-171.	0.7	1
24	Vegetarian or gluten-free diets in patients with inflammatory bowel disease are associated with lower psychological well-being and a different gut microbiota, but no beneficial effects on the course of the disease. <i>United European Gastroenterology Journal</i> , 2019, 7, 767-781.	3.8	67
25	The immunological functions of the Appendix: An example of redundancy?. <i>Seminars in Immunology</i> , 2018, 36, 31-44.	5.6	68
26	Defective immuno- and thymoproteasome assembly causes severe immunodeficiency. <i>Scientific Reports</i> , 2018, 8, 5975.	3.3	13
27	IgA Function in Relation to the Intestinal Microbiota. <i>Annual Review of Immunology</i> , 2018, 36, 359-381.	21.8	196
28	Antibodies that target IgA target our intestinal microbes. <i>Science Immunology</i> , 2018, 3, .	11.9	6
29	EUS-guided hepaticojejunostomy with transjejunal per-oral cholangioscopy and electrohydraulic lithotripsy in a patient with complicated choledocholithiasis after Roux-en-Y gastric bypass. <i>VideoGIE</i> , 2018, 3, 351-353.	0.7	2
30	Endoscopic intra-abdominal rescue therapy of a dislodged EUS-guided hepaticogastrostomy stent. <i>VideoGIE</i> , 2018, 3, 308-310.	0.7	1
31	Antibodies Set Boundaries Limiting Microbial Metabolite Penetration and the Resultant Mammalian Host Response. <i>Immunity</i> , 2018, 49, 545-559.e5.	14.3	121
32	EUS-guided pancreaticogastrostomy and transgastric per-oral pancreatoscopy with electrohydraulic lithotripsy in a patient with chronic hereditary pancreatitis and several intraductal stones. <i>VideoGIE</i> , 2018, 3, 238-240.	0.7	6
33	The presence of genetic risk variants within PTPN2 and PTPN22 is associated with intestinal microbiota alterations in Swiss IBD cohort patients. <i>PLoS ONE</i> , 2018, 13, e0199664.	2.5	35
34	IgA is about the unexpected. <i>Journal of Experimental Medicine</i> , 2018, 215, 1965-1966.	8.5	2
35	D-lactic Acidosis: Successful Suppression of D-lactate-Producing <i>Lactobacillus</i> by Probiotics. <i>Pediatrics</i> , 2018, 142, .	2.1	26
36	How nutrition and the maternal microbiota shape the neonatal immune system. <i>Nature Reviews Immunology</i> , 2017, 17, 508-517.	22.7	270

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37	High-Quality Whole-Genome Sequences of the Oligo-Mouse-Microbiota Bacterial Community. <i>Genome Announcements</i> , 2017, 5, .	0.8	49
38	The Stimulation of Macrophages with TLR Ligands Supports Increased IL-19 Expression in Inflammatory Bowel Disease Patients and in Colitis Models. <i>Journal of Immunology</i> , 2017, 199, 2570-2584.	0.8	28
39	Genome-guided design of a defined mouse microbiota that confers colonization resistance against <i>Salmonella enterica</i> serovar Typhimurium. <i>Nature Microbiology</i> , 2017, 2, 16215.	13.3	313
40	Analysis of bacterial-surface-specific antibodies in body fluids using bacterial flow cytometry. <i>Nature Protocols</i> , 2016, 11, 1531-1553.	12.0	67
41	Complete Genome Sequences of 12 Species of Stable Defined Moderately Diverse Mouse Microbiota 2. <i>Genome Announcements</i> , 2016, 4, .	0.8	45
42	The maternal microbiota drives early postnatal innate immune development. <i>Science</i> , 2016, 351, 1296-1302.	12.6	871
43	Penetrability of the inner mucus layer: who is out there?. <i>EMBO Reports</i> , 2015, 16, 127-129.	4.5	7
44	The bilateral responsiveness between intestinal microbes and IgA. <i>Trends in Immunology</i> , 2015, 36, 460-470.	6.8	136
45	The outer mucus layer hosts a distinct intestinal microbial niche. <i>Nature Communications</i> , 2015, 6, 8292.	12.8	390
46	The Intestinal Microbiota Contributes to the Ability of Helminths to Modulate Allergic Inflammation. <i>Immunity</i> , 2015, 43, 998-1010.	14.3	362
47	Independence Day for IgA. <i>Immunity</i> , 2015, 43, 416-418.	14.3	13
48	Microbiota-Derived Compounds Drive Steady-State Granulopoiesis via MyD88/TICAM Signaling. <i>Journal of Immunology</i> , 2014, 193, 5273-5283.	0.8	202
49	Stratification and compartmentalisation of immunoglobulin responses to commensal intestinal microbes. <i>Seminars in Immunology</i> , 2013, 25, 358-363.	5.6	45
50	Age, microbiota, and T cells shape diverse individual IgA repertoires in the intestine. <i>Journal of Experimental Medicine</i> , 2012, 209, 365-377.	8.5	195
51	Homeland Security: IgA immunity at the frontiers of the body. <i>Trends in Immunology</i> , 2012, 33, 160-167.	6.8	167
52	Innate and adaptive immunity in host-microbiota mutualism. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 685-698.	2.1	13
53	The habitat, double life, citizenship, and forgetfulness of IgA. <i>Immunological Reviews</i> , 2012, 245, 132-146.	6.0	105
54	Crosstalk between B lymphocytes, microbiota and the intestinal epithelium governs immunity versus metabolism in the gut. <i>Nature Medicine</i> , 2011, 17, 1585-1593.	30.7	323

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55	Immunoglobulin A. <i>Current Opinion in Gastroenterology</i> , 2011, 27, 529-533.	2.3	33
56	Reversible Microbial Colonization of Germ-Free Mice Reveals the Dynamics of IgA Immune Responses. <i>Science</i> , 2010, 328, 1705-1709.	12.6	657
57	The mucosal firewalls against commensal intestinal microbes. <i>Seminars in Immunopathology</i> , 2009, 31, 145-149.	6.1	95
58	Innate and Adaptive Immunity Cooperate Flexibly to Maintain Host-Microbiota Mutualism. <i>Science</i> , 2009, 325, 617-620.	12.6	443
59	Use of axenic animals in studying the adaptation of mammals to their commensal intestinal microbiota. <i>Seminars in Immunology</i> , 2007, 19, 59-69.	5.6	637
60	Mechanisms of Neonatal Mucosal Antibody Protection. <i>Journal of Immunology</i> , 2006, 177, 6256-6262.	0.8	187
61	Interactions between commensal intestinal bacteria and the immune system. <i>Nature Reviews Immunology</i> , 2004, 4, 478-485.	22.7	1,325
62	Reply to 'On the implications of polyclonal B cell activation'. <i>Nature Immunology</i> , 2003, 4, 932-932.	14.5	0