

Janelle C Arthur

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

5,387
citations

172457

29
h-index

289244

40
g-index

45
all docs

45
docs citations

45
times ranked

8546
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal Inflammation Targets Cancer-Inducing Activity of the Microbiota. <i>Science</i> , 2012, 338, 120-123.	12.6	1,785
2	NLRP12 Suppresses Colon Inflammation and Tumorigenesis through the Negative Regulation of Noncanonical NF- κ B Signaling. <i>Immunity</i> , 2012, 36, 742-754.	14.3	421
3	Immunogenicity of Recombinant Adenovirus Serotype 35 Vaccine in the Presence of Pre-Existing Anti-Ad5 Immunity. <i>Journal of Immunology</i> , 2004, 172, 6290-6297.	0.8	357
4	Microbial genomic analysis reveals the essential role of inflammation in bacteria-induced colorectal cancer. <i>Nature Communications</i> , 2014, 5, 4724.	12.8	302
5	Stochastic changes over time and not founder effects drive cage effects in microbial community assembly in a mouse model. <i>ISME Journal</i> , 2013, 7, 2116-2125.	9.8	194
6	Cutting Edge: Monarch-1 Suppresses Non-Canonical NF- κ B Activation and p52-Dependent Chemokine Expression in Monocytes. <i>Journal of Immunology</i> , 2007, 178, 1256-1260.	0.8	180
7	A Human T-Cell Leukemia Virus Type 1 Regulatory Element Enhances the Immunogenicity of Human Immunodeficiency Virus Type 1 DNA Vaccines in Mice and Nonhuman Primates. <i>Journal of Virology</i> , 2005, 79, 8828-8834.	3.4	162
8	Neutralizing Antibodies and CD8 + T Lymphocytes both Contribute to Immunity to Adenovirus Serotype 5 Vaccine Vectors. <i>Journal of Virology</i> , 2004, 78, 2666-2673.	3.4	158
9	Cutting Edge: NLRP12 Controls Dendritic and Myeloid Cell Migration To Affect Contact Hypersensitivity. <i>Journal of Immunology</i> , 2010, 185, 4515-4519.	0.8	134
10	Probiotic Bacteria Produce Conjugated Linoleic Acid Locally in the Gut That Targets Macrophage PPAR δ to Suppress Colitis. <i>PLoS ONE</i> , 2012, 7, e31238.	2.5	127
11	Neonatal Fc Receptor Expression in Dendritic Cells Mediates Protective Immunity against Colorectal Cancer. <i>Immunity</i> , 2013, 39, 1095-1107.	14.3	112
12	The microbiome and the hallmarks of cancer. <i>PLoS Pathogens</i> , 2017, 13, e1006480.	4.7	111
13	Siderophore-mediated iron acquisition and modulation of host-bacterial interactions. <i>Free Radical Biology and Medicine</i> , 2017, 105, 68-78.	2.9	110
14	Pretreatment with the probiotic VSL#3 delays transition from inflammation to dysplasia in a rat model of colitis-associated cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G1004-G1013.	3.4	104
15	The struggle within: Microbial influences on colorectal cancer. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 396-409.	1.9	103
16	Dysregulation of ILC3s unleashes progression and immunotherapy resistance in colon cancer. <i>Cell</i> , 2021, 184, 5015-5030.e16.	28.9	102
17	VSL#3 probiotic modifies mucosal microbial composition but does not reduce colitis-associated colorectal cancer. <i>Scientific Reports</i> , 2013, 3, 2868.	3.3	95
18	Gut microbial diversity is reduced by the probiotic VSL#3 and correlates with decreased TNBS-induced colitis. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 289-297.	1.9	89

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19	The complex interplay between inflammation, the microbiota and colorectal cancer. <i>Gut Microbes</i> , 2013, 4, 253-258.	9.8	75
20	Mouse Background Strain Profoundly Influences Paneth Cell Function and Intestinal Microbial Composition. <i>PLoS ONE</i> , 2012, 7, e32403.	2.5	73
21	Heat Shock Protein 90 Associates with Monarch-1 and Regulates Its Ability to Promote Degradation of NF- κ B-Inducing Kinase. <i>Journal of Immunology</i> , 2007, 179, 6291-6296.	0.8	62
22	Recruitment and expansion of dendritic cells in vivo potentiate the immunogenicity of plasmid DNA vaccines. <i>Journal of Clinical Investigation</i> , 2004, 114, 1334-1342.	8.2	62
23	Dynamic immune responses maintain cytotoxic T lymphocyte epitope mutations in transmitted simian immunodeficiency virus variants. <i>Nature Immunology</i> , 2005, 6, 247-252.	14.5	55
24	Characterization of NLRP12 during the In Vivo Host Immune Response to <i>Klebsiella pneumoniae</i> and <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2013, 8, e60842.	2.5	50
25	The influence of the microbiota on immune development, chronic inflammation, and cancer in the context of aging. <i>Microbial Cell</i> , 2019, 6, 324-334.	3.2	46
26	Plexin-B2 and Plexin-D1 in Dendritic Cells: Expression and IL-12/IL-23p40 Production. <i>PLoS ONE</i> , 2012, 7, e43333.	2.5	43
27	The Short Isoform of the CEACAM1 Receptor in Intestinal T Cells Regulates Mucosal Immunity and Homeostasis via Tfh Cell Induction. <i>Immunity</i> , 2012, 37, 930-946.	14.3	40
28	Microbiota Effects on Carcinogenesis: Initiation, Promotion, and Progression. <i>Annual Review of Medicine</i> , 2021, 72, 243-261.	12.2	40
29	Yersiniabactin-Producing Adherent/Invasive <i>Escherichia coli</i> Promotes Inflammation-Associated Fibrosis in Gnotobiotic <i>IL10</i> ^{-/-} Mice. <i>Infection and Immunity</i> , 2019, 87, .	2.2	38
30	Characterization of NLRP12 during the Development of Allergic Airway Disease in Mice. <i>PLoS ONE</i> , 2012, 7, e30612.	2.5	35
31	Dietary iron variably modulates assembly of the intestinal microbiota in colitis-resistant and colitis-susceptible mice. <i>Gut Microbes</i> , 2020, 11, 32-50.	9.8	31
32	Revealing a microbial carcinogen. <i>Science</i> , 2019, 363, 689-690.	12.6	19
33	Cryopyrin: In from the Cold. <i>Immunity</i> , 2006, 24, 241-243.	14.3	18
34	Microbiota and colorectal cancer: colibactin makes its mark. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 317-318.	17.8	17
35	Evolution of Polymyxin Resistance Regulates Colibactin Production in <i>Escherichia coli</i> . <i>ACS Chemical Biology</i> , 2021, 16, 1243-1254.	3.4	9
36	Long-read sequencing to interrogate strain-level variation among adherent-invasive <i>Escherichia coli</i> isolated from human intestinal tissue. <i>PLoS ONE</i> , 2021, 16, e0259141.	2.5	7

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37	Microenvironmental Factors that Shape Bacterial Metabolites in Inflammatory Bowel Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	5
38	The Azoxymethane/IL10 Model of Colitis-Associated Cancer (CAC). <i>Methods in Molecular Biology</i> , 2019, 1960, 215-225.	0.9	4
39	BET Protein Inhibition Regulates Macrophage Chromatin Accessibility and Microbiota-Dependent Colitis. <i>Frontiers in Immunology</i> , 2022, 13, 856966.	4.8	4
40	Microbiome and the Hallmarks of Cancer. <i>Physiology in Health and Disease</i> , 2021, , 1-26.	0.3	3
41	A nadA Mutation Confers Nicotinic Acid Auxotrophy in Pro-carcinogenic Intestinal <i>Escherichia coli</i> NC101. <i>Frontiers in Microbiology</i> , 2021, 12, 670005.	3.5	3