

# Robert G Nichols

## 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.

25  
papers

1,868  
citations

17  
h-index

25  
g-index

25  
ext. papers

2,515  
ext. citations

8.9  
avg, IF

4.67  
L-index

#	Paper	IF	Citations
25	The aryl hydrocarbon receptor activates ceramide biosynthesis in mice contributing to hepatic lipogenesis. <i>Toxicology</i> , <b>2021</b> , 458, 152831	4.4	1
24	The relationship between the gut microbiome and host gene expression: a review. <i>Human Genetics</i> , <b>2021</b> , 140, 747-760	6.3	13
23	Metabolic impact of persistent organic pollutants on gut microbiota. <i>Gut Microbes</i> , <b>2020</b> , 12, 1-16	8.8	6
22	The microbiome modulating activity of bile acids. <i>Gut Microbes</i> , <b>2020</b> , 11, 979-996	8.8	49
21	Perfluorooctane sulfonate alters gut microbiota-host metabolic homeostasis in mice. <i>Toxicology</i> , <b>2020</b> , 431, 152365	4.4	20
20	A Quantitative HILIC-MS/MS Assay of the Metabolic Response of Huh-7 Cells Exposed to 2,3,7,8-Tetrachlorodibenzo--Dioxin. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	5
19	Vitamin D Regulates the Microbiota to Control the Numbers of ROR $\gamma$ /FoxP3+ Regulatory T Cells in the Colon. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1772	8.4	24
18	Metatranscriptomic Analysis of the Mouse Gut Microbiome Response to the Persistent Organic Pollutant 2,3,7,8-Tetrachlorodibenzofuran. <i>Metabolites</i> , <b>2019</b> , 10,	5.6	18
17	Berberine Directly Affects the Gut Microbiota to Promote Intestinal Farnesoid X Receptor Activation. <i>Drug Metabolism and Disposition</i> , <b>2019</b> , 47, 86-93	4	50
16	Intestine farnesoid X receptor agonist and the gut microbiota activate G-protein bile acid receptor-1 signaling to improve metabolism. <i>Hepatology</i> , <b>2018</b> , 68, 1574-1588	11.2	206
15	Vitamin A deficiency in mice alters host and gut microbial metabolism leading to altered energy homeostasis. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 54, 28-34	6.3	39
14	Multiplatform Physiologic and Metabolic Phenotyping Reveals Microbial Toxicity. <i>MSystems</i> , <b>2018</b> , 3,	7.6	4
13	Gut microbiota and intestinal FXR mediate the clinical benefits of metformin. <i>Nature Medicine</i> , <b>2018</b> , 24, 1919-1929	50.5	335
12	Structural and Functional Analysis of the Gut Microbiome for Toxicologists. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ]</i> , <b>2018</b> , 78, e54	1	4
11	Prebiotic effects of white button mushroom ( <i>Agaricus bisporus</i> ) feeding on succinate and intestinal gluconeogenesis in C57BL/6 mice. <i>Journal of Functional Foods</i> , <b>2018</b> , 45, 223-232	5.1	16
10	The aryl hydrocarbon receptor as a moderator of host-microbiota communication. <i>Current Opinion in Toxicology</i> , <b>2017</b> , 2, 30-35	4.4	22
9	Intermittent Fasting Promotes White Adipose Browning and Decreases Obesity by Shaping the Gut Microbiota. <i>Cell Metabolism</i> , <b>2017</b> , 26, 672-685.e4	24.6	228

8	Dietary Broccoli Impacts Microbial Community Structure and Attenuates Chemically Induced Colitis in Mice in an Ah receptor dependent manner. <i>Journal of Functional Foods</i> , <b>2017</b> , 37, 685-698	5.1	38
7	Expression of the aryl hydrocarbon receptor contributes to the establishment of intestinal microbial community structure in mice. <i>Scientific Reports</i> , <b>2016</b> , 6, 33969	4.9	40
6	Omics Approaches To Probe Microbiota and Drug Metabolism Interactions. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 1987-1997	4	6
5	Farnesoid X Receptor Signaling Shapes the Gut Microbiota and Controls Hepatic Lipid Metabolism. <i>MSystems</i> , <b>2016</b> , 1,	7.6	67
4	Modulation of colon cancer by nutmeg. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 1937-46	5.6	29
3	Persistent Organic Pollutants Modify Gut Microbiota-Host Metabolic Homeostasis in Mice Through Aryl Hydrocarbon Receptor Activation. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 679-88	8.4	199
2	Metabolomics Reveals that Aryl Hydrocarbon Receptor Activation by Environmental Chemicals Induces Systemic Metabolic Dysfunction in Mice. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 8067-77	10.3	64
1	Intestinal farnesoid X receptor signaling promotes nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 386-402	15.9	385