

Robert G Nichols

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4988584/publications.pdf>

Version: 2024-02-01

25
papers

3,129
citations

393982

19
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

5061
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Gut microbiota and intestinal FXR mediate the clinical benefits of metformin. <i>Nature Medicine</i> , 2018, 24, 1919-1929. | 15.2 | 632 |
| 2 | Intestinal farnesoid X receptor signaling promotes nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2015, 125, 386-402. | 3.9 | 517 |
| 3 | Intermittent Fasting Promotes White Adipose Browning and Decreases Obesity by Shaping the Gut Microbiota. <i>Cell Metabolism</i> , 2017, 26, 672-685.e4. | 7.2 | 427 |
| 4 | Intestine farnesoid X receptor agonist and the gut microbiota activate G-protein bile acid receptor signaling to improve metabolism. <i>Hepatology</i> , 2018, 68, 1574-1588. | 3.6 | 348 |
| 5 | Persistent Organic Pollutants Modify Gut Microbiota Host Metabolic Homeostasis in Mice Through Aryl Hydrocarbon Receptor Activation. <i>Environmental Health Perspectives</i> , 2015, 123, 679-688. | 2.8 | 262 |
| 6 | The microbiome modulating activity of bile acids. <i>Gut Microbes</i> , 2020, 11, 979-996. | 4.3 | 124 |
| 7 | Farnesoid X Receptor Signaling Shapes the Gut Microbiota and Controls Hepatic Lipid Metabolism. <i>MSystems</i> , 2016, 1, . | 1.7 | 95 |
| 8 | Berberine Directly Affects the Gut Microbiota to Promote Intestinal Farnesoid X Receptor Activation. <i>Drug Metabolism and Disposition</i> , 2019, 47, 86-93. | 1.7 | 84 |
| 9 | Metabolomics Reveals that Aryl Hydrocarbon Receptor Activation by Environmental Chemicals Induces Systemic Metabolic Dysfunction in Mice. <i>Environmental Science & Technology</i> , 2015, 49, 8067-8077. | 4.6 | 80 |
| 10 | The relationship between the gut microbiome and host gene expression: a review. <i>Human Genetics</i> , 2021, 140, 747-760. | 1.8 | 78 |
| 11 | 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> , 2017, 37, 685-698. | 1.6 | 62 |
| 12 | Vitamin A deficiency in mice alters host and gut microbial metabolism leading to altered energy homeostasis. <i>Journal of Nutritional Biochemistry</i> , 2018, 54, 28-34. | 1.9 | 60 |
| 13 | Metatranscriptomic Analysis of the Mouse Gut Microbiome Response to the Persistent Organic Pollutant 2,3,7,8-Tetrachlorodibenzofuran. <i>Metabolites</i> , 2020, 10, 1. | 1.3 | 55 |
| 14 | Expression of the aryl hydrocarbon receptor contributes to the establishment of intestinal microbial community structure in mice. <i>Scientific Reports</i> , 2016, 6, 33969. | 1.6 | 54 |
| 15 | Modulation of Colon Cancer by Nutmeg. <i>Journal of Proteome Research</i> , 2015, 14, 1937-1946. | 1.8 | 44 |
| 16 | Vitamin D Regulates the Microbiota to Control the Numbers of ROR γ /FoxP3+ Regulatory T Cells in the Colon. <i>Frontiers in Immunology</i> , 2019, 10, 1772. | 2.2 | 44 |
| 17 | Perfluorooctane sulfonate alters gut microbiota-host metabolic homeostasis in mice. <i>Toxicology</i> , 2020, 431, 152365. | 2.0 | 43 |
| 18 | The aryl hydrocarbon receptor as a moderator of host-microbiota communication. <i>Current Opinion in Toxicology</i> , 2017, 2, 30-35. | 2.6 | 28 |

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|----|--|-----|-----------|
| 19 | 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> , 2018, 45, 223-232. | 1.6 | 28 |
| 20 | Metabolic impact of persistent organic pollutants on gut microbiota. <i>Gut Microbes</i> , 2020, 12, 1848209. | 4.3 | 22 |
| 21 | A Quantitative HILIC-MS/MS Assay of the Metabolic Response of Huh-7 Cells Exposed to 2,3,7,8-Tetrachlorodibenzo-p-Dioxin. <i>Metabolites</i> , 2019, 9, 118. | 1.3 | 12 |
| 22 | The aryl hydrocarbon receptor activates ceramide biosynthesis in mice contributing to hepatic lipogenesis. <i>Toxicology</i> , 2021, 458, 152831. | 2.0 | 12 |
| 23 | Omics Approaches To Probe Microbiota and Drug Metabolism Interactions. <i>Chemical Research in Toxicology</i> , 2016, 29, 1987-1997. | 1.7 | 7 |
| 24 | Structural and Functional Analysis of the Gut Microbiome for Toxicologists. <i>Current Protocols in Toxicology</i> / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2018, 78, e54. | 1.1 | 6 |
| 25 | Multiplatform Physiologic and Metabolic Phenotyping Reveals Microbial Toxicity. <i>MSystems</i> , 2018, 3, . | 1.7 | 5 |