

Christopher B Forsyth

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

7,976
citations

66234

42
h-index

53109

85
g-index

93
all docs

93
docs citations

93
times ranked

9742
citing authors

#	ARTICLE	IF	CITATIONS
1	Colonic bacterial composition in Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 1351-1360.	2.2	932
2	Increased Intestinal Permeability Correlates with Sigmoid Mucosa alpha-Synuclein Staining and Endotoxin Exposure Markers in Early Parkinson's Disease. <i>PLoS ONE</i> , 2011, 6, e28032.	1.1	689
3	Lactobacillus GG treatment ameliorates alcohol-induced intestinal oxidative stress, gut leakiness, and liver injury in a rat model of alcoholic steatohepatitis. <i>Alcohol</i> , 2009, 43, 163-172.	0.8	346
4	A Compositional Look at the Human Gastrointestinal Microbiome and Immune Activation Parameters in HIV Infected Subjects. <i>PLoS Pathogens</i> , 2014, 10, e1003829.	2.1	343
5	Circadian Disorganization Alters Intestinal Microbiota. <i>PLoS ONE</i> , 2014, 9, e97500.	1.1	328
6	Evidence that chronic alcohol exposure promotes intestinal oxidative stress, intestinal hyperpermeability and endotoxemia prior to development of alcoholic steatohepatitis in rats. <i>Journal of Hepatology</i> , 2009, 50, 538-547.	1.8	324
7	Intestinal Dysbiosis: A Possible Mechanism of Alcohol-Induced Endotoxemia and Alcoholic Steatohepatitis in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1836-1846.	1.4	313
8	Role of TLR4 in the gut-brain axis in Parkinson's disease: a translational study from men to mice. <i>Gut</i> , 2019, 68, 829-843.	6.1	290
9	Effect of Alcohol on miR-122 Expression in Intestinal Epithelial Cells and Its Potential Role in Alcoholic Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 355-364.	1.4	255
10	Disruption of the Circadian Clock in Mice Increases Intestinal Permeability and Promotes Alcohol-Induced Hepatic Pathology and Inflammation. <i>PLoS ONE</i> , 2013, 8, e67102.	1.1	197
11	Fibronectin fragments and blocking antibodies to $\alpha 2 \beta 1$ and $\alpha 5 \beta 1$ integrins stimulate mitogen-activated protein kinase signaling and increase collagenase 3 (matrix metalloproteinase 13) production by human articular chondrocytes. <i>Arthritis and Rheumatism</i> , 2002, 46, 2368-2376.	6.7	189
12	Chronic stress-induced gut dysfunction exacerbates Parkinson's disease phenotype and pathology in a rotenone-induced mouse model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2020, 135, 104352.	2.1	172
13	Particulate matter air pollution causes oxidant-mediated increase in gut permeability in mice. <i>Particle and Fibre Toxicology</i> , 2011, 8, 19.	2.8	160
14	Dietary Fiber Treatment Corrects the Composition of Gut Microbiota, Promotes SCFA Production, and Suppresses Colon Carcinogenesis. <i>Genes</i> , 2018, 9, 102.	1.0	158
15	Regulation of Intestinal Immune Responses through TLR Activation: Implications for Pro- and Prebiotics. <i>Frontiers in Immunology</i> , 2014, 5, 60.	2.2	134
16	The Circadian Clock Mutation Promotes Intestinal Dysbiosis. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 335-347.	1.4	134
17	The Gastrointestinal Microbiome: Alcohol Effects on the Composition of Intestinal Microbiota. , 2015, 37, 223-36.		130
18	Fibronectin Fragment Activation of Proline-rich Tyrosine Kinase PYK2 Mediates Integrin Signals Regulating Collagenase-3 Expression by Human Chondrocytes through a Protein Kinase C-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 24577-24585.	1.6	126

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19	Lower Neighborhood Socioeconomic Status Associated with Reduced Diversity of the Colonic Microbiota in Healthy Adults. <i>PLoS ONE</i> , 2016, 11, e0148952.	1.1	121
20	Integrin $\alpha 2$ -Mediated Cell Migration to Fibrinogen and Its Recognition Peptides. <i>Journal of Experimental Medicine</i> , 2001, 193, 1123-1134.	4.2	107
21	Increased Matrix Metalloproteinase-13 Production With Aging by Human Articular Chondrocytes in Response to Catabolic Stimuli. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 1118-1124.	1.7	104
22	Nitric Oxide-Mediated Intestinal Injury Is Required for Alcohol-Induced Gut Leakiness and Liver Damage. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1220-1230.	1.4	98
23	Plasma Markers of Disrupted Gut Permeability in Severe COVID-19 Patients. <i>Frontiers in Immunology</i> , 2021, 12, 686240.	2.2	97
24	Basic fibroblast growth factor accelerates matrix degradation via a neuroendocrine pathway in human adult articular chondrocytes. <i>Journal of Cellular Physiology</i> , 2008, 215, 452-463.	2.0	84
25	Diet in Parkinson's Disease: Critical Role for the Microbiome. <i>Frontiers in Neurology</i> , 2019, 10, 1245.	1.1	83
26	Alcohol and Gut-Derived Inflammation. <i>Alcohol Research: Current Reviews</i> , 2017, 38, 163-171.	1.9	75
27	Alcohol Stimulates Activation of Snail, Epidermal Growth Factor Receptor Signaling, and Biomarkers of Epithelial-Mesenchymal Transition in Colon and Breast Cancer Cells. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 19-31.	1.4	73
28	Identification of pH-Regulated Antigen 1 Released from <i>Candida albicans</i> as the Major Ligand for Leukocyte Integrin $\alpha 2$. <i>Journal of Immunology</i> , 2007, 178, 2038-2046.	0.4	72
29	Alcohol Induced Alterations to the Human Fecal VOC Metabolome. <i>PLoS ONE</i> , 2015, 10, e0119362.	1.1	71
30	Circadian rhythms: a regulator of gastrointestinal health and dysfunction. <i>Expert Review of Gastroenterology and Hepatology</i> , 2019, 13, 411-424.	1.4	71
31	Alcohol and the Intestine. <i>Biomolecules</i> , 2015, 5, 2573-2588.	1.8	69
32	The Potential Role of Gut-Derived Inflammation in Multiple System Atrophy. <i>Journal of Parkinson's Disease</i> , 2017, 7, 331-346.	1.5	68
33	Oats Supplementation Prevents Alcohol-Induced Gut Leakiness in Rats by Preventing Alcohol-Induced Oxidative Tissue Damage. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 952-958.	1.3	63
34	Circadian rhythms, alcohol and gut interactions. <i>Alcohol</i> , 2015, 49, 389-398.	0.8	62
35	Role for intestinal CYP2E1 in alcohol-induced circadian gene-mediated intestinal hyperpermeability. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G185-G195.	1.6	61
36	The Role of miR-212 and iNOS in Alcohol-Induced Intestinal Barrier Dysfunction and Steatohepatitis. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 1632-1641.	1.4	57

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37	Intestinal CYP2E1: A mediator of alcohol-induced gut leakiness. <i>Redox Biology</i> , 2014, 3, 40-46.	3.9	56
38	Lymphocytes Utilize CD11b/CD18 for Adhesion to <i>Candida albicans</i> . <i>Cellular Immunology</i> , 1996, 170, 91-100.	1.4	54
39	Role of Intestinal Circadian Genes in Alcohol-Induced Gut Leakiness. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 1305-1314.	1.4	53
40	Abnormal lipopolysaccharide binding protein as marker of gastrointestinal inflammation in Parkinson disease. <i>Frontiers in Neuroscience</i> , 2015, 9, 306.	1.4	52
41	Wnt signaling in bone, kidney, intestine, and adipose tissue and interorgan interaction in aging. <i>Annals of the New York Academy of Sciences</i> , 2019, 1442, 48-60.	1.8	49
42	Night workers with circadian misalignment are susceptible to alcohol-induced intestinal hyperpermeability with social drinking. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G192-G201.	1.6	48
43	Single-Arm, Non-randomized, Time Series, Single-Subject Study of Fecal Microbiota Transplantation in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 978.	1.1	48
44	Environmental Disruption of Circadian Rhythm Predisposes Mice to Osteoarthritis-Like Changes in Knee Joint. <i>Journal of Cellular Physiology</i> , 2015, 230, 2174-2183.	2.0	47
45	Alcohol Injury Damages Intestinal Stem Cells. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 727-734.	1.4	45
46	Ethanol-Induced Mast Cell-Mediated Inflammation Leads to Increased Susceptibility of Intestinal Tumorigenesis in the APC ^{T468} Min Mouse Model of Colon Cancer. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E199-208.	1.4	44
47	Chronic Alcohol Exposure Renders Epithelial Cells Vulnerable to Bacterial Infection. <i>PLoS ONE</i> , 2013, 8, e54646.	1.1	44
48	Simultaneous gas-chromatographic urinary measurement of sugar probes to assess intestinal permeability: Use of time course analysis to optimize its use to assess regional gut permeability. <i>Clinica Chimica Acta</i> , 2015, 442, 24-32.	0.5	43
49	Abnormal Eating Patterns Cause Circadian Disruption and Promote Alcohol-Associated Colon Carcinogenesis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 9, 219-237.	2.3	43
50	Light/Dark Shifting Promotes Alcohol-Induced Colon Carcinogenesis: Possible Role of Intestinal Inflammatory Milieu and Microbiota. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2017.	1.8	41
51	The Approach to Sample Acquisition and Its Impact on the Derived Human Fecal Microbiome and VOC Metabolome. <i>PLoS ONE</i> , 2013, 8, e81163.	1.1	40
52	Decreased melatonin secretion is associated with increased intestinal permeability and marker of endotoxemia in alcoholics. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G1004-G1011.	1.6	40
53	Alcohol Feeding in Mice Promotes Colonic Hyperpermeability and Changes in Colonic Organoid Stem Cell Fate. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 2100-2113.	1.4	37
54	Lymphocyte Adhesion to <i>Candida albicans</i> . <i>Infection and Immunity</i> , 2002, 70, 517-527.	1.0	31

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55	Role of Snail Activation in Alcohol-Induced iNOS-Mediated Disruption of Intestinal Epithelial Cell Permeability. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, no-no.	1.4	31
56	Disrupted diurnal oscillation of gut-derived Short chain fatty acids in shift workers drinking alcohol: Possible mechanism for loss of resiliency of intestinal barrier in disrupted circadian host. <i>Translational Research</i> , 2020, 221, 97-109.	2.2	31
57	Pharmacological targeting of the mammalian clock reveals a novel analgesic for osteoarthritis-induced pain. <i>Gene</i> , 2018, 655, 1-12.	1.0	29
58	In vitro evaluation of intestinal epithelial TLR activation in preventing food allergic responses. <i>Clinical Immunology</i> , 2014, 154, 91-99.	1.4	27
59	Osteoarthritis-like pathologic changes in the knee joint induced by environmental disruption of circadian rhythms is potentiated by a high-fat diet. <i>Scientific Reports</i> , 2015, 5, 16896.	1.6	25
60	Colon dysregulation in methamphetamine self-administering HIV-1 transgenic rats. <i>PLoS ONE</i> , 2018, 13, e0190078.	1.1	25
61	Dietary Regulation of Gut-Brain Axis in Alzheimer's Disease: Importance of Microbiota Metabolites. <i>Frontiers in Neuroscience</i> , 2021, 15, 736814.	1.4	24
62	The Foxo1-Inducible Transcriptional Repressor Zfp125 Causes Hepatic Steatosis and Hypercholesterolemia. <i>Cell Reports</i> , 2018, 22, 523-534.	2.9	21
63	Diurnal variations in intestinal barrier integrity and liver pathology in mice: implications for alcohol binge. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G131-G141.	1.6	19
64	Circadian disruption: potential implications in inflammatory and metabolic diseases associated with alcohol. , 2013, 35, 87-96.		19
65	Gut microbial metabolites in Parkinson's disease: Association with lifestyle, disease characteristics, and treatment status. <i>Neurobiology of Disease</i> , 2022, 170, 105780.	2.1	17
66	New molecular insights into inflammatory bowel disease-induced diarrhea. <i>Expert Review of Gastroenterology and Hepatology</i> , 2011, 5, 615-625.	1.4	16
67	Induction of Osteoarthritis-like Pathologic Changes by Chronic Alcohol Consumption in an Experimental Mouse Model. <i>Arthritis and Rheumatology</i> , 2015, 67, 1678-1680.	2.9	16
68	Chronic Alcohol Exposure and the Circadian Clock Mutation Exert Tissue-Specific Effects on Gene Expression in Mouse Hippocampus, Liver, and Proximal Colon. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 1917-1929.	1.4	15
69	CREB Protein Mediates Alcohol-Induced Circadian Disruption and Intestinal Permeability. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 2007-2014.	1.4	15
70	Circadian Mechanisms in Alcohol Use Disorder and Tissue Injury. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 668-677.	1.4	15
71	Circadian misalignment by environmental light/dark shifting causes circadian disruption in colon. <i>PLoS ONE</i> , 2021, 16, e0251604.	1.1	14
72	Effects of aspirin on gastroduodenal permeability in alcoholics and controls. <i>Alcohol</i> , 2010, 44, 447-456.	0.8	13

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73	HIV-associated mucosal gene expression. <i>Aids</i> , 2015, 29, 537-546.	1.0	13
74	Intestinal Barrier Dysfunction in the Absence of Systemic Inflammation Fails to Exacerbate Motor Dysfunction and Brain Pathology in a Mouse Model of Parkinson's Disease. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	13
75	A quantitative radiometric assay to measure mammalian cell binding to hyphae of <i>Candida albicans</i> . <i>Journal of Immunological Methods</i> , 1993, 165, 113-119.	0.6	11
76	Deep nasal sinus cavity microbiota dysbiosis in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 111.	2.5	11
77	Alcohol Effects on Colon Epithelium are Time-Dependent. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1898-1908.	1.4	10
78	Gut-Brain Communication in Parkinson's Disease: Enteroendocrine Regulation by GLP-1. <i>Current Neurology and Neuroscience Reports</i> , 2022, 22, 335-342.	2.0	9
79	Abnormal intestinal milieu in posttraumatic stress disorder is not impacted by treatment that improves symptoms. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 323, G61-G70.	1.6	9
80	Attenuated Postprandial GLP-1 Response in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 660942.	1.4	7
81	Disrupted Circadian Rest-Activity Cycles in Inflammatory Bowel Disease Are Associated With Aggressive Disease Phenotype, Subclinical Inflammation, and Dysbiosis. <i>Frontiers in Medicine</i> , 2021, 8, 770491.	1.2	7
82	The Role of miRNAs in Alcohol-Induced Endotoxemia, Dysfunction of Mucosal Immunity, and Gut Leakiness. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2331-2334.	1.4	6
83	The gut microbiota may be a novel pathogenic mechanism in loosening of orthopedic implants in rats. <i>FASEB Journal</i> , 2020, 34, 14302-14317.	0.2	6
84	Systemic brain derived neurotrophic factor but not intestinal barrier integrity is associated with cognitive decline and incident Alzheimer's disease. <i>PLoS ONE</i> , 2021, 16, e0240342.	1.1	6
85	Alcohol-Induced Immune Dysregulation in the Colon Is Diurnally Variable. <i>Visceral Medicine</i> , 2020, 36, 212-219.	0.5	5
86	Nutrition and Gastrointestinal Health as Modulators of Parkinson's Disease. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2014, , 213-242.	0.2	5
87	Disease Implications of the Circadian Clocks and Microbiota Interface. , 2021, , 329-349.		1
88	Intracellular movement of p120-catenin in endothelial cells and implications for transcriptional regulation. <i>FASEB Journal</i> , 2009, 23, 1028.2.	0.2	0
89	Oats Supplementation and Alcohol-Induced Oxidative Tissue Damage. , 2013, , 215-225.		0
90	Alcohol and Circadian Disruption Minimally Impact Bone Properties in Two Cohorts of Male Mice While Between-Cohort Differences Predominate: Association With Season of Birth?. <i>JBMR Plus</i> , 2022, 6, e10591.	1.3	0