

# Yinglin Xia

## List of Publications by Year in descending order

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96  
papers

4,823  
citations

94269

37  
h-index

106150

65  
g-index

103  
all docs

103  
docs citations

103  
times ranked

6082  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal epithelial vitamin D receptor deletion leads to defective autophagy in colitis. <i>Gut</i> , 2015, 64, 1082-1094.	6.1	279
2	A Randomized Controlled Trial of Mindfulness Meditation for Chronic Insomnia. <i>Sleep</i> , 2014, 37, 1553-1563.	0.6	243
3	Vitamin D Receptor Negatively Regulates Bacterial-Stimulated NF- $\kappa$ B Activity in Intestine. <i>American Journal of Pathology</i> , 2010, 177, 686-697.	1.9	217
4	The efficacy of cognitive-behavioral therapy for insomnia in patients with chronic pain. <i>Sleep Medicine</i> , 2010, 11, 302-309.	0.8	213
5	Lack of Vitamin D Receptor Causes Dysbiosis and Changes the Functions of the Murine Intestinal Microbiome. <i>Clinical Therapeutics</i> , 2015, 37, 996-1009.e7.	1.1	185
6	Target Intestinal Microbiota to Alleviate Disease Progression in Amyotrophic Lateral Sclerosis. <i>Clinical Therapeutics</i> , 2017, 39, 322-336.	1.1	182
7	<i>Salmonella</i> -infected crypt-derived intestinal organoid culture system for host-bacterial interactions. <i>Physiological Reports</i> , 2014, 2, e12147.	0.7	181
8	Gut inflammation and dysbiosis in human motor neuron disease. <i>Physiological Reports</i> , 2017, 5, e13443.	0.7	163
9	Hypothesis testing and statistical analysis of microbiome. <i>Genes and Diseases</i> , 2017, 4, 138-148.	1.5	142
10	Emotion Regulation Difficulties, Youth-Adult Relationships, and Suicide Attempts Among High School Students in Underserved Communities. <i>Journal of Youth and Adolescence</i> , 2013, 42, 807-820.	1.9	132
11	Comparative effectiveness of CBT interventions for co-morbid chronic pain&insomnia: A pilot study. <i>Behaviour Research and Therapy</i> , 2012, 50, 685-689.	1.6	112
12	Concomitant Forms of Abuse and Help-Seeking Behavior Among White, African American, and Latina Women Who Experience Intimate Partner Violence. <i>Violence Against Women</i> , 2011, 17, 1067-1085.	1.1	109
13	<i>Salmonella</i> Type III Effector AvrA Stabilizes Cell Tight Junctions to Inhibit Inflammation in Intestinal Epithelial Cells. <i>PLoS ONE</i> , 2008, 3, e2369.	1.1	104
14	Correlation and association analyses in microbiome study integrating multiomics in health and disease. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 171, 309-491.	0.9	103
15	TqPCR: A Touchdown qPCR Assay with Significantly Improved Detection Sensitivity and Amplification Efficiency of SYBR Green qPCR. <i>PLoS ONE</i> , 2015, 10, e0132666.	1.1	97
16	Vitamin D receptor pathway is required for probiotic protection in colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G341-G349.	1.6	91
17	Laparoscopic Roux-en-Y Gastric Bypass and Its Early Effect on Blood Pressure. <i>Obesity Surgery</i> , 2009, 19, 845-849.	1.1	90
18	Statistical Analysis of Microbiome Data with R. ICSA Book Series in Statistics, 2018, , .	0.0	87

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19	On fitting generalized linear mixed-effects models for binary responses using different statistical packages. <i>Statistics in Medicine</i> , 2011, 30, 2562-2572.	0.8	84
20	Chronic Effects of a Salmonella Type III Secretion Effector Protein AvrA In Vivo. <i>PLoS ONE</i> , 2010, 5, e10505.	1.1	73
21	Salmonella Protein AvrA Activates the STAT3 Signaling Pathway in Colon Cancer. <i>Neoplasia</i> , 2016, 18, 307-316.	2.3	73
22	Paneth Cell Alertness to Pathogens Maintained by Vitamin D Receptors. <i>Gastroenterology</i> , 2021, 160, 1269-1283.	0.6	69
23	Reducing Sexual Risk Behavior in Adolescent Girls: Results From a Randomized Controlled Trial. <i>Journal of Adolescent Health</i> , 2013, 52, 314-321.	1.2	65
24	Nurse-Physician Collaboration and Hospital-Acquired Infections in Critical Care. <i>Critical Care Nurse</i> , 2015, 35, 66-72.	0.5	64
25	Intestinal epithelial HMGB1 inhibits bacterial infection via STAT3 regulation of autophagy. <i>Autophagy</i> , 2019, 15, 1935-1953.	4.3	63
26	Salmonella Infection Upregulates the Leaky Protein Claudin-2 in Intestinal Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e58606.	1.1	62
27	Imbalance of autophagy and apoptosis in intestinal epithelium lacking the vitamin D receptor. <i>FASEB Journal</i> , 2019, 33, 11845-11856.	0.2	57
28	Vitamin D receptor deletion leads to reduced level of $\beta$ -casein protein through protein translation, protein-protein interaction, and post-translational modification. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 329-336.	1.2	56
29	Presence of <i>Salmonella</i> AvrA in colorectal tumor and its precursor lesions in mouse intestine and human specimens. <i>Oncotarget</i> , 2017, 8, 55104-55115.	0.8	55
30	Consistent activation of the $\beta$ -catenin pathway by Salmonella type-three secretion effector protein AvrA in chronically infected intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G1113-G1125.	1.6	54
31	Vitamin D Receptor Protects Against Dysbiosis and Tumorigenesis via the JAK/STAT Pathway in Intestine. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 10, 729-746.	2.3	52
32	Breast and gut microbiome in health and cancer. <i>Genes and Diseases</i> , 2021, 8, 581-589.	1.5	50
33	Vitamin D receptor promotes healthy microbial metabolites and microbiome. <i>Scientific Reports</i> , 2020, 10, 7340.	1.6	47
34	Salmonella enteritidis Effector AvrA Stabilizes Intestinal Tight Junctions via the JNK Pathway. <i>Journal of Biological Chemistry</i> , 2016, 291, 26837-26849.	1.6	45
35	Alcohol Injury Damages Intestinal Stem Cells. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 727-734.	1.4	45
36	Wnt2 inhibits enteric bacterial-induced inflammation in intestinal epithelial cells. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 418-429.	0.9	44

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37	Wingless homolog Wnt11 suppresses bacterial invasion and inflammation in intestinal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G992-G1003.	1.6	43
38	Performance of 3 Enthesitis Indices in Patients with Peripheral Spondyloarthritis During Treatment with Adalimumab. <i>Journal of Rheumatology</i> , 2017, 44, 599-608.	1.0	39
39	Novel Regulatory Roles of Wnt1 in Infection-Associated Colorectal Cancer. <i>Neoplasia</i> , 2018, 20, 499-509.	2.3	39
40	Lack of Vitamin D Receptor Leads to Hyperfunction of Claudin-2 in Intestinal Inflammatory Responses. <i>Inflammatory Bowel Diseases</i> , 2018, 25, 97-110.	0.9	39
41	tRNA Queuosine Modification Enzyme Modulates the Growth and Microbiome Recruitment to Breast Tumors. <i>Cancers</i> , 2020, 12, 628.	1.7	38
42	Overexpression of Vitamin D Receptor in Intestinal Epithelia Protects Against Colitis via Upregulating Tight Junction Protein Claudin 15. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1720-1736.	0.6	36
43	Increased Frequency of KRAS Mutations in African Americans Compared with Caucasians in Sporadic Colorectal Cancer. <i>Clinical and Translational Gastroenterology</i> , 2017, 8, e124.	1.3	35
44	Neonatal pain facial expression: Evaluating the primal face of pain. <i>Pain</i> , 2008, 138, 460-471.	2.0	34
45	A Randomized Controlled Trial of Mindfulness Meditation for Chronic Insomnia: Effects on Daytime Symptoms and Cognitive-Emotional Arousal. <i>Mindfulness</i> , 2018, 9, 1702-1712.	1.6	34
46	How do the phqâ€2, the phqâ€9 perform in aging services clients with cognitive impairment?. <i>International Journal of Geriatric Psychiatry</i> , 2011, 26, 952-960.	1.3	33
47	Lactic Acid Bacteria Isolated From Korean Kimchi Activate the Vitamin D Receptorâ€autophagy Signaling Pathways. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1199-1211.	0.9	33
48	Interpersonal psychotherapy for depressed women with histories of intimate partner violence.. <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> , 2014, 6, 700-707.	1.4	27
49	Axin1 Prevents Salmonella Invasiveness and Inflammatory Response in Intestinal Epithelial Cells. <i>PLoS ONE</i> , 2012, 7, e34942.	1.1	26
50	Randomized controlled trial of CARE: An intervention to improve outcomes of hospitalized elders and family caregivers. <i>Research in Nursing and Health</i> , 2012, 35, 533-549.	0.8	26
51	The olfactory G protein-coupled receptor (Olf-78/OR51E2) modulates the intestinal response to colitis. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C502-C513.	2.1	26
52	Peri-Transplant Psychosocial Factors and Neutrophil Recovery following Hematopoietic Stem Cell Transplantation. <i>PLoS ONE</i> , 2014, 9, e99778.	1.1	25
53	Vitamin D receptor upregulates tight junction protein claudin-5 against colitis-associated tumorigenesis. <i>Mucosal Immunology</i> , 2022, 15, 683-697.	2.7	25
54	Observational Measures of Implementer Fidelity for a School-Based Preventive Intervention: Development, Reliability, and Validity. <i>Prevention Science</i> , 2015, 16, 122-132.	1.5	24

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55	Aberrant enteric neuromuscular system and dysbiosis in amyotrophic lateral sclerosis. <i>Gut Microbes</i> , 2021, 13, 1996848.	4.3	24
56	Modeling Count Outcomes from HIV Risk Reduction Interventions: A Comparison of Competing Statistical Models for Count Responses. <i>AIDS Research and Treatment</i> , 2012, 2012, 1-11.	0.3	23
57	Salmonella Enteritidis Effector AvrA Suppresses Autophagy by Reducing Beclin-1 Protein. <i>Frontiers in Immunology</i> , 2020, 11, 686.	2.2	23
58	Sexual risk factors for partner age discordance in adolescent girls and their male partners. <i>Journal of Clinical Nursing</i> , 2013, 22, 3289-3299.	1.4	22
59	The inflammatory cytokine tumor necrosis factor modulates the expression of Salmonella typhimurium effector proteins. <i>Journal of Inflammation</i> , 2010, 7, 42.	1.5	21
60	The Vitamin D Receptor, Inflammatory Bowel Diseases, and Colon Cancer. <i>Current Colorectal Cancer Reports</i> , 2012, 8, 57-65.	1.0	21
61	Modeling Zero-Inflated Microbiome Data. <i>ICSA Book Series in Statistics</i> , 2018, , 453-496.	0.0	21
62	Bacterial protein AvrA stabilizes intestinal epithelial tight junctions via blockage of the C-Jun N-terminal kinase pathway. <i>Tissue Barriers</i> , 2015, 3, e972849.	1.6	20
63	Imbalance of the intestinal virome and altered viral-bacterial interactions caused by a conditional deletion of the vitamin D receptor. <i>Gut Microbes</i> , 2021, 13, 1957408.	4.3	19
64	Adherence to a Mediterranean Diet Is Associated with Lower Depressive Symptoms among U.S. Adults. <i>Nutrients</i> , 2022, 14, 278.	1.7	19
65	Deletion of sorting nexin 27 suppresses proliferation in highly aggressive breast cancer MDA-MB-231 cells in vitro and in vivo. <i>BMC Cancer</i> , 2019, 19, 555.	1.1	18
66	Safety of Vitamin D Replacement in Patients with Primary Hyperparathyroidism and Concomitant Vitamin D Deficiency. <i>Endocrine Practice</i> , 2013, 19, 420-425.	1.1	17
67	The Mean Value Theorem and Taylor's Expansion in Statistics. <i>American Statistician</i> , 2013, 67, 245-248.	0.9	15
68	HIV Infection Accelerates Gastrointestinal Tumor Outgrowth in NSG-HuPBL Mice. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, 677-684.	0.5	14
69	A Behavioral Economic Approach to Improving Human Papillomavirus Vaccination. <i>Journal of Adolescent Health</i> , 2017, 61, 755-760.	1.2	13
70	A clinical diabetes risk prediction model for prediabetic women with prior gestational diabetes. <i>PLoS ONE</i> , 2021, 16, e0252501.	1.1	11
71	Health disparities and COVID-19: A retrospective study examining individual and community factors causing disproportionate COVID-19 outcomes in Cook County, Illinois. <i>PLoS ONE</i> , 2022, 17, e0268317.	1.1	11
72	Diabetes Screening in US Women With a History of Gestational Diabetes, National Health and Nutrition Examination Survey, 2007-2012. <i>Preventing Chronic Disease</i> , 2016, 13, E124.	1.7	10

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73	Inflammation and intestinal leakiness in older HIV+ individuals with fish oil treatment. <i>Genes and Diseases</i> , 2018, 5, 220-225.	1.5	10
74	Compositional Analysis of Microbiome Data. <i>ICSA Book Series in Statistics</i> , 2018, , 331-393.	0.0	10
75	What Are Microbiome Data?. <i>ICSA Book Series in Statistics</i> , 2018, , 29-41.	0.0	9
76	Use of a Mobile App to Facilitate Blood Glucose Monitoring in Adolescents With Type 1 Diabetes: Single-Subject Nonrandomized Clinical Trial. <i>JMIR Diabetes</i> , 2018, 3, e3.	0.9	9
77	Preliminary efficacy of a comprehensive HIV prevention intervention for abstinent adolescent girls: Pilot study findings. <i>Research in Nursing and Health</i> , 2009, 32, 569-581.	0.8	7
78	Introductory Overview of Statistical Analysis of Microbiome Data. <i>ICSA Book Series in Statistics</i> , 2018, , 43-75.	0.0	7
79	Activin A Modulates Inflammation in Acute Pancreatitis and Strongly Predicts Severe Disease Independent of Body Mass Index. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00152.	1.3	7
80	OUIHP: an optimized universal hairpin primer system for cost-effective and high-throughput RT-qPCR-based quantification of microRNA (miRNA) expression. <i>Nucleic Acids Research</i> , 2022, 50, e22-e22.	6.5	7
81	Activin in acute pancreatitis: Potential risk-stratifying marker and novel therapeutic target. <i>Scientific Reports</i> , 2017, 7, 12786.	1.6	6
82	Validation of telephone-based behavioral assessments in aging services clients. <i>International Psychogeriatrics</i> , 2018, 30, 95-102.	0.6	6
83	Risk factors associated with medication ordering errors. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 86-94.	2.2	6
84	Long-term efficacy and predictors of remission following adalimumab treatment in peripheral spondyloarthritis: 3-year results from ABILITY-2. <i>RMD Open</i> , 2018, 4, e000566.	1.8	5
85	Thioredoxin system-mediated regulation of mutant Kras associated pancreatic neoplasia and cancer. <i>Oncotarget</i> , 2017, 8, 92667-92681.	0.8	5
86	Some Theoretical Comparisons of Negative Binomial and Zero-Inflated Poisson Distributions. <i>Communications in Statistics - Theory and Methods</i> , 2015, 44, 3266-3277.	0.6	4
87	Modeling Over-Dispersed Microbiome Data. <i>ICSA Book Series in Statistics</i> , 2018, , 395-451.	0.0	4
88	A simple and sensitive method to detect vitamin D receptor expression in various disease models using stool samples. <i>Genes and Diseases</i> , 2021, 8, 939-945.	1.5	4
89	Univariate Community Analysis. <i>ICSA Book Series in Statistics</i> , 2018, , 251-283.	0.0	2
90	Mediation Analysis of Microbiome Data and Detection of Causality in Microbiome Studies. <i>Physiology in Health and Disease</i> , 2021, , 457-509.	0.2	2

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91	Effect of the Weekend on Bowel Preparation Quality in Outpatient Colonoscopies. Digestive Diseases and Sciences, 2021, , 1.	1.1	2
92	Hierarchy and Reliability of the Preschool Language Scalesâ€“Fifth Edition: Mokken Scale Analysis. Journal of Speech, Language, and Hearing Research, 2021, 64, 3983-3994.	0.7	2
93	Microbiomes and Metabolomics. ACS in Focus, 2022, , .	0.4	2
94	Population metrics for suicide events: A causal inference approach. Statistical Methods in Medical Research, 2019, 28, 503-514.	0.7	0
95	Wingless homolog Wnt11 suppresses bacterial invasion and inflammation in intestinal epithelial cells. FASEB Journal, 2011, 25, lb569.	0.2	0
96	Leaky protein claudin2 is directly upregulated in Salmonella infected intestinal epithelial cells. FASEB Journal, 2013, 27, 650.13.	0.2	0