

# Wei-Kai Wu

## 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.

43  
papers

620  
citations

11  
h-index

24  
g-index

51  
ext. papers

949  
ext. citations

6.6  
avg, IF

4.48  
L-index

#	Paper	IF	Citations
43	Atherosclerosis amelioration by allicin in raw garlic through gut microbiota and trimethylamine-N-oxide modulation.. <i>Npj Biofilms and Microbiomes</i> , <b>2022</b> , 8, 4	8.2	3
42	Mining Gut Microbiota From Bariatric Surgery for MAFLD. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 612946	5.7	2
41	Atherosclerosis as Mitochondriopathy: Repositioning the Disease to Help Finding New Therapies. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 660473	5.4	1
40	Development of an Efficient and Sensitive Chemical Derivatization-Based LC-MS/MS Method for Quantifying Gut Microbiota-Derived Metabolites in Human Plasma and Its Application in Studying Cardiovascular Disease. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 3508-3518	5.6	3
39	Prospects for the Use of Sialidase Inhibitors in Anti-atherosclerotic Therapy. <i>Current Medicinal Chemistry</i> , <b>2021</b> , 28, 2438-2450	4.3	0
38	Gut microbiome: A possible common therapeutic target for treatment of atherosclerosis and cancer. <i>Seminars in Cancer Biology</i> , <b>2021</b> , 70, 85-97	12.7	6
37	Involvement of Oxidative Stress and the Innate Immune System in SARS-CoV-2 Infection. <i>Diseases (Basel, Switzerland)</i> , <b>2021</b> , 9,	4.4	11
36	Autophagy and Mitophagy as Essential Components of Atherosclerosis. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
35	Gastrodia elata Blume water extract modulates neurotransmitters and alters the gut microbiota in a mild social defeat stress-induced depression mouse model. <i>Phytotherapy Research</i> , <b>2021</b> , 35, 5133-5142	6.7	3
34	An Exploratory Study for the Association of Gut Microbiome with Efficacy of Immune Checkpoint Inhibitor in Patients with Hepatocellular Carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , <b>2021</b> , 8, 809-822	5.3	2
33	Lipids and Lipoproteins in Health and Disease: Focus on Targeting Atherosclerosis. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	4
32	Modulation of gut microbiota by foods and herbs to prevent cardiovascular diseases. <i>Journal of Traditional and Complementary Medicine</i> , <b>2021</b> ,	4.6	3
31	Carotid Atherosclerosis Progression in Postmenopausal Women Receiving a Mixed Phytoestrogen Regimen: Plausible Parallels with Kronos Early Estrogen Replacement Study. <i>Biology</i> , <b>2020</b> , 9,	4.9	1
30	Signaling Pathways and Key Genes Involved in Regulation of foam Cell Formation in Atherosclerosis. <i>Cells</i> , <b>2020</b> , 9,	7.9	34
29	Comparison of DNA stabilizers and storage conditions on preserving fecal microbiota profiles. <i>Journal of the Formosan Medical Association</i> , <b>2020</b> , 119, 1791-1798	3.2	10
28	Allicin Modifies the Composition and Function of the Gut Microbiota in Alcoholic Hepatic Steatosis Mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 3088-3098	5.7	14
27	Role of Phagocytosis in the Pro-Inflammatory Response in LDL-Induced Foam Cell Formation; a Transcriptome Analysis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	11

26	Lipid-based gene delivery to macrophage mitochondria for atherosclerosis therapy. <i>Pharmacology Research and Perspectives</i> , <b>2020</b> , 8, e00584	3.1	9
25	Signaling Pathways Potentially Responsible for Foam Cell Formation: Cholesterol Accumulation or Inflammatory Response-What is First?. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	11
24	The role of sialic acids in the initiation of atherosclerosis. <i>Minerva Cardioangiologica</i> , <b>2020</b> , 68, 359-364	1.1	2
23	A Novel Insight at Atherogenesis: The Role of Microbiome. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 586189	5.7	7
22	The Protective Effect of Garlic Essential Oil in Carnitine-Induced Cardiovascular Disease apoE-/- Mice Model. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, 1572-1572	0.4	78
21	Characterization of TMAO productivity from carnitine challenge facilitates personalized nutrition and microbiome signatures discovery. <i>Microbiome</i> , <b>2020</b> , 8, 162	16.6	17
20	Mutual Interplay of Host Immune System and Gut Microbiota in the Immunopathology of Atherosclerosis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
19	Pandemic preparedness in Taiwan. <i>Nature Biotechnology</i> , <b>2020</b> , 38, 932-933	44.5	5
18	Sialylated Immunoglobulins for the Treatment of Immuno-Inflammatory Diseases. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	11
17	The Gut Metabolite Trimethylamine N-oxide Is Associated With Parkinson's Disease Severity and Progression. <i>Movement Disorders</i> , <b>2020</b> , 35, 2115-2116	7	5
16	Microbiota-Associated Therapy for Non-Alcoholic Steatohepatitis-Induced Liver Cancer: A Review. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
15	Response to the letter: Identification of trimethylamine N-oxide (TMAO)-producer phenotype is interesting, but is it helpful?. <i>Gut</i> , <b>2020</b> , 69, 610-611	19.2	2
14	Measurement of gut microbial metabolites in cardiometabolic health and translational research. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34 Suppl 1, e8537	2.2	5
13	Oxidative Stress and Antioxidants in Atherosclerosis Development and Treatment. <i>Biology</i> , <b>2020</b> , 9,	4.9	30
12	Contribution of Neurotrophins to the Immune System Regulation and Possible Connection to Alcohol Addiction. <i>Biology</i> , <b>2020</b> , 9,	4.9	4
11	Cardiovascular Disease Protective Effect of Allicin Through Gut Microbiota Modulation (FS07-08-19). <i>Current Developments in Nutrition</i> , <b>2019</b> , 3,	0.4	1
10	Evaluation and Optimization of Sample Handling Methods for Quantification of Short-Chain Fatty Acids in Human Fecal Samples by GC-MS. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 1948-1957	5.6	19
9	Identification of TMAO-producer phenotype and host-diet-gut dysbiosis by carnitine challenge test in human and germ-free mice. <i>Gut</i> , <b>2019</b> , 68, 1439-1449	19.2	72

8	Optimization of fecal sample processing for microbiome study - The journey from bathroom to bench. <i>Journal of the Formosan Medical Association</i> , <b>2019</b> , 118, 545-555	3.2	64
7	Diet Supplementation with Allicin Protects against Alcoholic Fatty Liver Disease in Mice by Improving Anti-inflammation and Antioxidative Functions. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 7104-13	5.7	35
6	Clinical manifestations, course, and outcome of patients with neutralizing anti-interferon- $\gamma$ autoantibodies and disseminated nontuberculous mycobacterial infections. <i>Medicine (United States)</i> , <b>2016</b> , 95, e3927	1.8	62
5	Massive Left Pleural Effusion After Endoscopic Variceal Therapy. <i>American Journal of Gastroenterology</i> , <b>2016</b> , 111, 455	0.7	
4	Dietary allicin reduces transformation of L-carnitine to TMAO through impact on gut microbiota. <i>Journal of Functional Foods</i> , <b>2015</b> , 15, 408-417	5.1	42
3	Acute respiratory distress syndrome or pulmonary oedema?. <i>Thorax</i> , <b>2015</b> , 70, 511, 513	7.3	2
2	Comparison of radiological measures for diagnosing flatfoot. <i>Acta Radiologica</i> , <b>2012</b> , 53, 192-6	2	11
1	Evaluation of Compatibility of 16S rRNA V3V4 and V4 Amplicon Libraries for Clinical Microbiome Profiling		3