

# David Q-H Wang

## 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.

110  
papers

4,268  
citations

40  
h-index

62  
g-index

118  
ext. papers

5,212  
ext. citations

5.5  
avg, IF

5.78  
L-index

#	Paper	IF	Citations
110	Gut Microbiota and Short Chain Fatty Acids: Implications in Glucose Homeostasis.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	20
109	Intestinal Barrier and Permeability in Health, Obesity and NAFLD.. <i>Biomedicines</i> , <b>2021</b> , 10,	4.8	9
108	Sexual dimorphism in intestinal absorption and lymphatic transport of dietary lipids. <i>Journal of Physiology</i> , <b>2021</b> , 599, 5015-5030	3.9	0
107	Nonalcoholic Fatty Liver Disease (NAFLD). Mitochondria as Players and Targets of Therapies?. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	17
106	Synthetic human ABCB4 mRNA therapy rescues severe liver disease phenotype in a BALB/c.Abc4 mouse model of PFIC3. <i>Journal of Hepatology</i> , <b>2021</b> , 74, 1416-1428	13.4	8
105	Mitochondria Matter: Systemic Aspects of Nonalcoholic Fatty Liver Disease (NAFLD) and Diagnostic Assessment of Liver Function by Stable Isotope Dynamic Breath Tests. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	8
104	Hepatocyte miR-34a is a key regulator in the development and progression of non-alcoholic fatty liver disease. <i>Molecular Metabolism</i> , <b>2021</b> , 51, 101244	8.8	4
103	Protocols for Mitochondria as the Target of Pharmacological Therapy in the Context of Nonalcoholic Fatty Liver Disease (NAFLD). <i>Methods in Molecular Biology</i> , <b>2021</b> , 2310, 201-246	1.4	5
102	Differential Effect of Four-Week Feeding of Different Dietary Fats on the Accumulation of Fat and the Cholesterol and Triglyceride Contents in the Different Fat Depots. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	1
101	A novel GPER antagonist protects against the formation of estrogen-induced cholesterol gallstones in female mice. <i>Journal of Lipid Research</i> , <b>2020</b> , 61, 767-777	6.3	7
100	Activation of Estrogen Receptor G Protein-Coupled Receptor 30 Enhances Cholesterol Cholelithogenesis in Female Mice. <i>Hepatology</i> , <b>2020</b> , 72, 2077-2089	11.2	4
99	Novel insights in health-promoting properties of sweet cherries. <i>Journal of Functional Foods</i> , <b>2020</b> , 69, 103945-103945	5.1	19
98	Physical Activity Modulating Lipid Metabolism in Gallbladder Diseases. <i>Journal of Gastrointestinal and Liver Diseases</i> , <b>2020</b> , 29, 99-110	1.4	2
97	The mechanism of dysbiosis in alcoholic liver disease leading to liver cancer. <i>Hepatoma Research</i> , <b>2020</b> , 6,	4.3	10
96	Regulation of Cholesterol Metabolism by Bioactive Components of Soy Proteins: Novel Translational Evidence. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	12
95	Novel Insights into the Pathogenesis and Management of the Metabolic Syndrome. <i>Pediatric Gastroenterology, Hepatology and Nutrition</i> , <b>2020</b> , 23, 189-230	2.3	56
94	Recent Advances in the Critical Role of the Sterol Efflux Transporters ABCG5/G8 in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , <b>2020</b> , 1276, 105-136	3.6	5

93	G Protein-Coupled Estrogen Receptor, GPER1, Offers a Novel Target for the Treatment of Digestive Diseases. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 578536	5.7	2
92	An Update on the Lithogenic Mechanisms of Cholecystinin a Receptor (CCKAR), an Important Gallstone Gene for. <i>Genes</i> , <b>2020</b> , 11,	4.2	3
91	Bile Acids and GPBAR-1: Dynamic Interaction Involving Genes, Environment and Gut Microbiome. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	13
90	Liver Steatosis, Gut-Liver Axis, Microbiome and Environmental Factors. A Never-Ending Bidirectional Cross-Talk. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	40
89	Gut Microbiota between Environment and Genetic Background in Familial Mediterranean Fever (FMF). <i>Genes</i> , <b>2020</b> , 11,	4.2	6
88	Bile Formation and Pathophysiology of Gallstones <b>2020</b> , 287-306		2
87	The physical presence of gallstone modulates cholesterol crystallization pathways of human bile. <i>Gastroenterology Report</i> , <b>2019</b> , 7, 32-41	3.3	3
86	The Role of Diet in the Pathogenesis of Cholesterol Gallstones. <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 3620-3638	4.3	22
85	Update on the Molecular Mechanisms Underlying the Effect of Cholecystinin and Cholecystinin-1 Receptor on the Formation of Cholesterol Gallstones. <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 3407-3423	4.3	10
84	Insights into the pharmacology of GPER/GPR30 and its involvement in gallstone formation. <i>FASEB Journal</i> , <b>2019</b> , 33, 821.1	0.9	
83	Gastrointestinal defects in gallstone and cholecystectomized patients. <i>European Journal of Clinical Investigation</i> , <b>2019</b> , 49, e13066	4.6	4
82	Cholesterol cholelithiasis: part of a systemic metabolic disease, prone to primary prevention. <i>Expert Review of Gastroenterology and Hepatology</i> , <b>2019</b> , 13, 157-171	4.2	10
81	Targeting mitochondria to oppose the progression of nonalcoholic fatty liver disease. <i>Biochemical Pharmacology</i> , <b>2019</b> , 160, 34-45	6	29
80	Silencing steroid receptor coactivator-1 in the nucleus of the solitary tract reduces estrogenic effects on feeding and apolipoprotein A-IV expression. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 2091-2101	5.1	4
79	An update on the pathogenesis of cholesterol gallstone disease. <i>Current Opinion in Gastroenterology</i> , <b>2018</b> , 34, 71-80	3	62
78	Mouse models of gallstone disease. <i>Current Opinion in Gastroenterology</i> , <b>2018</b> , 34, 59-70	3	21
77	Cholecystectomy and risk of metabolic syndrome. <i>European Journal of Internal Medicine</i> , <b>2018</b> , 53, 3-11	3.9	19
76	Exercising the hepatobiliary-gut axis. The impact of physical activity performance. <i>European Journal of Clinical Investigation</i> , <b>2018</b> , 48, e12958	4.6	34

75	Similarities and differences between biliary sludge and microlithiasis: Their clinical and pathophysiological significances. <i>Liver Research</i> , <b>2018</b> , 2, 186-199	4.1	2
74	Impaired intestinal cholecystokinin secretion, a fascinating but overlooked link between coeliac disease and cholesterol gallstone disease. <i>European Journal of Clinical Investigation</i> , <b>2017</b> , 47, 328-333	4.6	9
73	Cholesterol and Lipoprotein Metabolism and Atherosclerosis: Recent Advances In reverse Cholesterol Transport. <i>Annals of Hepatology</i> , <b>2017</b> , 16, s27-s42	3.1	97
72	Bile Acid Physiology. <i>Annals of Hepatology</i> , <b>2017</b> , 16, s4-s14	3.1	137
71	Cross-Talk Between Bile Acids and Gastro-Intestinal and Thermogenic Hormones: Clues from Bariatric Surgery. <i>Annals of Hepatology</i> , <b>2017</b> , 16, s68-s82	3.1	10
70	Bile Acids and Cancer: Direct and Environmental-Dependent Effects. <i>Annals of Hepatology</i> , <b>2017</b> , 16, s87-s105	3.1	40
69	New insights into the role of genes in the formation of cholesterol-supersaturated bile. <i>Liver Research</i> , <b>2017</b> , 1, 42-53	4.1	6
68	Transintestinal cholesterol excretion: A secondary, nonbiliary pathway contributing to reverse cholesterol transport. <i>Hepatology</i> , <b>2017</b> , 66, 1337-1340	11.2	11
67	BDNF/TrkB signaling mediates the anorectic action of estradiol in the nucleus tractus solitarius. <i>Oncotarget</i> , <b>2017</b> , 8, 84028-84038	3.3	9
66	Effect of Inhibition of Intestinal Cholesterol Absorption on the Prevention of Cholesterol Gallstone Formation. <i>Medicinal Chemistry</i> , <b>2017</b> , 13, 421-429	1.8	6
65	Gallstones. <i>Nature Reviews Disease Primers</i> , <b>2016</b> , 2, 16024	51.1	214
64	The dangerous link between childhood and adulthood predictors of obesity and metabolic syndrome. <i>Internal and Emergency Medicine</i> , <b>2016</b> , 11, 175-82	3.7	66
63	New Exploration of Chinese Herbal Medicines in Hepatology. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2016</b> , 2016, 3056438	2.3	
62	Evidence that the adenosine triphosphate-binding cassette G5/G8-independent pathway plays a determinant role in cholesterol gallstone formation in mice. <i>Hepatology</i> , <b>2016</b> , 64, 853-64	11.2	17
61	The Biliary System, Second Edition. <i>Colloquium Series on Integrated Systems Physiology From Molecule To Function</i> , <b>2016</b> , 8, i-178		4
60	The cholecystokinin-1 receptor antagonist devazepide increases cholesterol cholelithogenesis in mice. <i>European Journal of Clinical Investigation</i> , <b>2016</b> , 46, 158-69	4.6	10
59	The deletion of the estrogen receptor $\beta$ gene reduces susceptibility to estrogen-induced cholesterol cholelithiasis in female mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2015</b> , 1852, 2161-9	6.9	10
58	Gut vagal afferents are necessary for the eating-suppressive effect of intraperitoneally administered ginsenoside Rb1 in rats. <i>Physiology and Behavior</i> , <b>2015</b> , 152, 62-7	3.5	2

57	Estrogen induces two distinct cholesterol crystallization pathways by activating ER $\alpha$ and GPR30 in female mice. <i>Journal of Lipid Research</i> , <b>2015</b> , 56, 1691-700	6.3	26
56	Apolipoprotein A-V is present in bile and its secretion increases with lipid absorption in Sprague-Dawley rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 309, G918-25	5.1	6
55	Ginsenoside Rb1 increases insulin sensitivity by activating AMP-activated protein kinase in male rats. <i>Physiological Reports</i> , <b>2015</b> , 3, e12543	2.6	26
54	Obesity and the risk and prognosis of gallstone disease and pancreatitis. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , <b>2014</b> , 28, 623-35	2.5	62
53	Therapeutic uses of animal biles in traditional Chinese medicine: an ethnopharmacological, biophysical chemical and medicinal review. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 9952-75	5.6	53
52	Cholesterol cholelithiasis in pregnant women: pathogenesis, prevention and treatment. <i>Annals of Hepatology</i> , <b>2014</b> , 13, 728-745	3.1	40
51	Estradiol stimulates apolipoprotein A-IV gene expression in the nucleus of the solitary tract through estrogen receptor- $\alpha$ . <i>Endocrinology</i> , <b>2014</b> , 155, 3882-90	4.8	7
50	Therapeutic reflections in cholesterol homeostasis and gallstone disease: a review. <i>Current Medicinal Chemistry</i> , <b>2014</b> , 21, 1435-47	4.3	17
49	Cholesterol cholelithiasis in pregnant women: pathogenesis, prevention and treatment. <i>Annals of Hepatology</i> , <b>2014</b> , 13, 728-45	3.1	15
48	Prevention of cholesterol gallstones by inhibiting hepatic biosynthesis and intestinal absorption of cholesterol. <i>European Journal of Clinical Investigation</i> , <b>2013</b> , 43, 413-26	4.6	38
47	Steatosis in the liver. <i>Comprehensive Physiology</i> , <b>2013</b> , 3, 1493-532	7.7	27
46	A silybin-phospholipids complex counteracts rat fatty liver degeneration and mitochondrial oxidative changes. <i>World Journal of Gastroenterology</i> , <b>2013</b> , 19, 3007-17	5.6	36
45	Gallbladder and gastric motility in obese newborns, pre-adolescents and adults. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2012</b> , 27, 1298-305	4	34
44	Role of mitochondria in nonalcoholic fatty liver disease--from origin to propagation. <i>Clinical Biochemistry</i> , <b>2012</b> , 45, 610-8	3.5	93
43	The Biliary System. <i>Colloquium Series on Integrated Systems Physiology From Molecule To Function</i> , <b>2012</b> , 4, 1-148		7
42	A pleiotropic role for the orphan nuclear receptor small heterodimer partner in lipid homeostasis and metabolic pathways. <i>Journal of Lipids</i> , <b>2012</b> , 2012, 304292	2.7	25
41	Interactions between Bile Acids and Nuclear Receptors and Their Effects on Lipid Metabolism and Liver Diseases. <i>Journal of Lipids</i> , <b>2012</b> , 2012, 560715	2.7	4
40	Mitochondria in chronic liver disease. <i>Current Drug Targets</i> , <b>2011</b> , 12, 879-93	3	67

39	Apolipoprotein E reduces food intake via PI3K/Akt signaling pathway in the hypothalamus. <i>Physiology and Behavior</i> , <b>2011</b> , 105, 124-8	3.5	16
38	Transgenic overexpression of Abcb11 enhances biliary bile salt outputs, but does not affect cholesterol cholelithogenesis in mice. <i>European Journal of Clinical Investigation</i> , <b>2010</b> , 40, 541-51	4.6	14
37	Estradiol increases the anorectic effect of central apolipoprotein A-IV. <i>Endocrinology</i> , <b>2010</b> , 151, 3163-8	4.8	21
36	Lith genes and genetic analysis of cholesterol gallstone formation. <i>Gastroenterology Clinics of North America</i> , <b>2010</b> , 39, 185-207, vii-viii	4.4	40
35	Effect of gallbladder hypomotility on cholesterol crystallization and growth in CCK-deficient mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2010</b> , 1801, 138-46	5	40
34	Effect of ezetimibe on the response of incretin secretion to intestine lipid ingestion. <i>FASEB Journal</i> , <b>2010</b> , 24, 1009.3	0.9	
33	Biliary lipids and cholesterol gallstone disease. <i>Journal of Lipid Research</i> , <b>2009</b> , 50 Suppl, S406-11	6.3	131
32	New insights into the molecular mechanisms underlying effects of estrogen on cholesterol gallstone formation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2009</b> , 1791, 1037-47	5.47	73
31	Effect of ezetimibe on the prevention and dissolution of cholesterol gallstones. <i>Gastroenterology</i> , <b>2008</b> , 134, 2101-10	13.3	118
30	Gastrointestinal symptoms and motility disorders in patients with systemic scleroderma. <i>BMC Gastroenterology</i> , <b>2008</b> , 8, 7	3	40
29	Coordinate regulation of gallbladder motor function in the gut-liver axis. <i>Hepatology</i> , <b>2008</b> , 47, 2112-26	11.2	100
28	Physical chemistry of intestinal absorption of biliary cholesterol in mice. <i>Hepatology</i> , <b>2008</b> , 48, 177-85	11.2	19
27	Molecular pathophysiology and physical chemistry of cholesterol gallstones. <i>Frontiers in Bioscience - Landmark</i> , <b>2008</b> , 13, 401-23	2.8	64
26	Quantifying anomalous intestinal sterol uptake, lymphatic transport, and biliary secretion in Abcg8(-/-) mice. <i>Hepatology</i> , <b>2007</b> , 45, 998-1006	11.2	59
25	Regulation of intestinal cholesterol absorption. <i>Annual Review of Physiology</i> , <b>2007</b> , 69, 221-48	23.1	214
24	Role of intestinal sterol transporters Abcg5, Abcg8, and Npc1l1 in cholesterol absorption in mice: gender and age effects. <i>American Journal of Physiology - Renal Physiology</i> , <b>2006</b> , 290, G269-76	5.1	66
23	Overexpression of estrogen receptor alpha increases hepatic cholesterol synthesis, leading to biliary hypersecretion in mice. <i>Journal of Lipid Research</i> , <b>2006</b> , 47, 778-86	6.3	42
22	New insights into the genetic regulation of intestinal cholesterol absorption. <i>Gastroenterology</i> , <b>2005</b> , 129, 718-34	13.3	111

21	High cholesterol absorption efficiency and rapid biliary secretion of chylomicron remnant cholesterol enhance cholelithogenesis in gallstone-susceptible mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2005</b> , 1733, 90-9	5	45
20	Targeted disruption of the murine cholecystinin-1 receptor promotes intestinal cholesterol absorption and susceptibility to cholesterol cholelithiasis. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 521-8	15.9	72
19	Cholesterol absorption is mainly regulated by the jejunal and ileal ATP-binding cassette sterol efflux transporters Abcg5 and Abcg8 in mice. <i>Journal of Lipid Research</i> , <b>2004</b> , 45, 1312-23	6.3	76
18	Genetic analysis of cholesterol gallstone formation: searching for Lith (gallstone) genes. <i>Current Gastroenterology Reports</i> , <b>2004</b> , 6, 140-50	5	60
17	Spontaneous cholecysto- and hepatolithiasis in Mdr2 <sup>-/-</sup> mice: a model for low phospholipid-associated cholelithiasis. <i>Hepatology</i> , <b>2004</b> , 39, 117-28	11.2	127
16	Estrogen receptor alpha, but not beta, plays a major role in 17beta-estradiol-induced murine cholesterol gallstones. <i>Gastroenterology</i> , <b>2004</b> , 127, 239-49	13.3	62
15	Feeding natural hydrophilic bile acids inhibits intestinal cholesterol absorption: studies in the gallstone-susceptible mouse. <i>American Journal of Physiology - Renal Physiology</i> , <b>2003</b> , 285, G494-502	5.1	126
14	Measurement of intestinal cholesterol absorption by plasma and fecal dual-isotope ratio, mass balance, and lymph fistula methods in the mouse: an analysis of direct versus indirect methodologies. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 1042-59	6.3	83
13	New concepts of mechanisms of intestinal cholesterol absorption. <i>Annals of Hepatology</i> , <b>2003</b> , 2, 113-213.1		5
12	Aging per se is an independent risk factor for cholesterol gallstone formation in gallstone susceptible mice. <i>Journal of Lipid Research</i> , <b>2002</b> , 43, 1950-9	6.3	47
11	Effect of beta-muricholic acid on the prevention and dissolution of cholesterol gallstones in C57L/J mice. <i>Journal of Lipid Research</i> , <b>2002</b> , 43, 1960-8	6.3	44
10	Dietary sphingomyelin suppresses intestinal cholesterol absorption by decreasing thermodynamic activity of cholesterol monomers. <i>Gastroenterology</i> , <b>2002</b> , 122, 948-56	13.3	148
9	Susceptibility to murine cholesterol gallstone formation is not affected by partial disruption of the HDL receptor SR-BI. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2002</b> , 1583, 141-50	5	36
8	Genetic factors at the enterocyte level account for variations in intestinal cholesterol absorption efficiency among inbred strains of mice. <i>Journal of Lipid Research</i> , <b>2001</b> , 42, 1820-1830	6.3	65
7	Cholic acid aids absorption, biliary secretion, and phase transitions of cholesterol in murine cholelithogenesis. <i>American Journal of Physiology - Renal Physiology</i> , <b>1999</b> , 276, G751-60	5.1	39
6	Phenotypic characterization of Lith genes that determine susceptibility to cholesterol cholelithiasis in inbred mice: pathophysiology of biliary lipid secretion. <i>Journal of Lipid Research</i> , <b>1999</b> , 40, 2066-2079	6.3	91
5	Phenotypic characterization of Lith genes that determine susceptibility to cholesterol cholelithiasis in inbred mice: integrated activities of hepatic lipid regulatory enzymes. <i>Journal of Lipid Research</i> , <b>1999</b> , 40, 2080-2090	6.3	47
4	No pathophysiologic relationship of soluble biliary proteins to cholesterol crystallization in human bile. <i>Journal of Lipid Research</i> , <b>1999</b> , 40, 415-425	6.3	32

3	Sterol carrier protein 2 participates in hypersecretion of biliary cholesterol during gallstone formation in genetically gallstone-susceptible mice. <i>Biochemical Journal</i> , <b>1998</b> , 336 ( Pt 1), 33-7	3.8	53
2	Gallstones1808-1834		5
1	Gallstones335-353		5