

# Liqing Yu

## List of Publications by Year in descending order

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43  
papers

3,777  
citations

201674

27  
h-index

265206

42  
g-index

44  
all docs

44  
docs citations

44  
times ranked

4353  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Disruption of Abcg5 and Abcg8 in mice reveals their crucial role in biliary cholesterol secretion. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16237-16242.                                  | 7.1  | 645       |
| 2  | Hepatic Niemann-Pick C1-like 1 regulates biliary cholesterol concentration and is a target of ezetimibe. Journal of Clinical Investigation, 2007, 117, 1968-1978.   | 8.2  | 316       |
| 3  | Niemann-Pick C1-Like 1 (NPC1L1) Protein in Intestinal and Hepatic Cholesterol Transport. Annual Review of Physiology, 2011, 73, 239-259.  | 13.1 | 262       |
| 4  | Overexpression of ABCG5 and ABCG8 promotes biliary cholesterol secretion and reduces fractional absorption of dietary cholesterol. Journal of Clinical Investigation, 2002, 110, 671-680.   | 8.2  | 254       |
| 5  | Stimulation of Cholesterol Excretion by the Liver X Receptor Agonist Requires ATP-binding Cassette Transporters G5 and G8. Journal of Biological Chemistry, 2003, 278, 15565-15570.   | 3.4  | 247       |
| 6  | Lipolysis in Brown Adipocytes Is Not Essential for Cold-Induced Thermogenesis in Mice. Cell Metabolism, 2017, 26, 764-777.e5.   | 16.2 | 211       |
| 7  | Expression of ABCG5 and ABCG8 Is Required for Regulation of Biliary Cholesterol Secretion. Journal of Biological Chemistry, 2005, 280, 8742-8747.   | 3.4  | 191       |
| 8  | Cholesterol-regulated Translocation of NPC1L1 to the Cell Surface Facilitates Free Cholesterol Uptake. Journal of Biological Chemistry, 2006, 281, 6616-6624.   | 3.4  | 178       |
| 9  | Epigenetic regulation of macrophage polarization and inflammation by DNA methylation in obesity. JCI Insight, 2016, 1, e87748.  | 5.0  | 138       |
| 10 | Selective sterol accumulation in ABCG5/ABCG8-deficient mice. Journal of Lipid Research, 2004, 45, 301-307.  | 4.2  | 123       |
| 11 | Histone Deacetylase 1 (HDAC1) Negatively Regulates Thermogenic Program in Brown Adipocytes via Coordinated Regulation of Histone H3 Lysine 27 (H3K27) Deacetylation and Methylation. Journal of Biological Chemistry, 2016, 291, 4523-4536. | 3.4  | 87        |
| 12 | Loss of Abhd5 Promotes Colorectal Tumor Development and Progression by Inducing Aerobic Glycolysis and Epithelial-Mesenchymal Transition. Cell Reports, 2014, 9, 1798-1811.   | 6.4  | 82        |
| 13 | Macrophage CGI-58 Deficiency Activates ROS-Inflammasome Pathway to Promote Insulin Resistance in Mice. Cell Reports, 2014, 7, 223-235.  | 6.4  | 80        |
| 14 | Ultraconserved element uc.372 drives hepatic lipid accumulation by suppressing miR-195/miR4668 maturation. Nature Communications, 2018, 9, 612.   | 12.8 | 76        |
| 15 | The Histone Demethylase UTX Promotes Brown Adipocyte Thermogenic Program Via Coordinated Regulation of H3K27 Demethylation and Acetylation. Journal of Biological Chemistry, 2015, 290, 25151-25163.  | 3.4  | 67        |
| 16 | Deficiency of liver Comparative Gene Identification-58 causes steatohepatitis and fibrosis in mice. Journal of Lipid Research, 2013, 54, 2109-2120.   | 4.2  | 62        |
| 17 | The structure and function of Niemann-Pick C1-like 1 protein. Current Opinion in Lipidology, 2008, 19, 263-269.   | 2.7  | 59        |
| 18 | Niemann-Pick C1-Like 1 deletion in mice prevents high-fat diet-induced fatty liver by reducing lipogenesis. Journal of Lipid Research, 2010, 51, 3135-3144.   | 4.2  | 58        |

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|----|---|------|-----------|
| 19 | Sterol regulation of scavenger receptor class B type I in macrophages. <i>Journal of Lipid Research</i> , 2004, 45, 889-899.  | 4.2  | 56        |
| 20 | Genetic inactivation of NPC1L1 protects against sitosterolemia in mice lacking ABCG5/ABCG8. <i>Journal of Lipid Research</i> , 2009, 50, 293-300.   | 4.2  | 56        |
| 21 | Early detection and staging of chronic liver diseases with a protein MRI contrast agent. <i>Nature Communications</i> , 2019, 10, 4777.   | 12.8 | 54        |
| 22 | Inhibiting DNA methylation switches adipogenesis to osteoblastogenesis by activating Wnt10a. <i>Scientific Reports</i> , 2016, 6, 25283.  | 3.3  | 53        |
| 23 | LDL Receptor Gene-ablated Hamsters: A Rodent Model of Familial Hypercholesterolemia With Dominant Inheritance and Diet-induced Coronary Atherosclerosis. <i>EBioMedicine</i> , 2018, 27, 214-224. | 6.1  | 51        |
| 24 | Niemann-Pick C1-Like 1 Is Required for an LXR Agonist to Raise Plasma HDL Cholesterol in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 448-454.                     | 2.4  | 46        |
| 25 | Microbiota prevents cholesterol loss from the body by regulating host gene expression in mice. <i>Scientific Reports</i> , 2015, 5, 10512.  | 3.3  | 46        |
| 26 | Ezetimibe normalizes metabolic defects in mice lacking ABCG5 and ABCG8. <i>Journal of Lipid Research</i> , 2005, 46, 1739-1744.   | 4.2  | 40        |
| 27 | DNA Methylation Biphasically Regulates 3T3-L1 Preadipocyte Differentiation. <i>Molecular Endocrinology</i> , 2016, 30, 677-687.   | 3.7  | 35        |
| 28 | Adipose tissue-derived neurotrophic factor 3 regulates sympathetic innervation and thermogenesis in adipose tissue. <i>Nature Communications</i> , 2021, 12, 5362.                                | 12.8 | 27        |
| 29 | Intestinal Cgi-58 Deficiency Reduces Postprandial Lipid Absorption. <i>PLoS ONE</i> , 2014, 9, e91652.  | 2.5  | 26        |
| 30 | Genetic demonstration of intestinal NPC1L1 as a major determinant of hepatic cholesterol and blood atherogenic lipoprotein levels. <i>Atherosclerosis</i> , 2014, 237, 609-617.                   | 0.8  | 21        |
| 31 | Dietary cholesterol reverses resistance to diet-induced weight gain in mice lacking Niemann-Pick C1-Like 1. <i>Journal of Lipid Research</i> , 2010, 51, 3024-3033.                               | 4.2  | 19        |
| 32 | Western diet induces severe nonalcoholic steatohepatitis, ductular reaction, and hepatic fibrosis in liver CGI-58 knockout mice. <i>Scientific Reports</i> , 2020, 10, 4701.                      | 3.3  | 17        |
| 33 | CGI-58: Versatile Regulator of Intracellular Lipid Droplet Homeostasis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1276, 197-222.   | 1.6  | 17        |
| 34 | Muscle-Specific Deletion of Comparative Gene Identification-58 (CGI-58) Causes Muscle Steatosis but Improves Insulin Sensitivity in Male Mice. <i>Endocrinology</i> , 2015, 156, 1648-1658.       | 2.8  | 16        |
| 35 | What activates thermogenesis when lipid droplet lipolysis is absent in brown adipocytes?. <i>Adipocyte</i> , 2018, , 1-5.   | 2.8  | 16        |
| 36 | Natural Bioactive Compounds as Potential Browning Agents in White Adipose Tissue. <i>Pharmaceutical Research</i> , 2021, 38, 549-567.   | 3.5  | 14        |

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|----|--|------|-----------|
| 37 | Epigenetic interaction between UTX and DNMT1 regulates diet-induced myogenic remodeling in brown fat. <i>Nature Communications</i> , 2021, 12, 6838.   | 12.8 | 11        |
| 38 | The P300 acetyltransferase inhibitor C646 promotes membrane translocation of insulin receptor protein substrate and interaction with the insulin receptor. <i>Journal of Biological Chemistry</i> , 2022, 298, 101621. | 3.4  | 6         |
| 39 | NPC1L1 Deficiency Suppresses Ileal Fibroblast Growth Factor 15 Expression and Increases Bile Acid Pool Size in High-Fat-Diet-Fed Mice. <i>Cells</i> , 2021, 10, 3468.  | 4.1  | 5         |
| 40 | Fatty Acids Rescue the Thermogenic Function of Sympathetically Denervated Brown Fat. <i>Biomolecules</i> , 2021, 11, 1428.   | 4.0  | 4         |
| 41 | Adipocyte Utx Deficiency Promotes High-Fat Diet-Induced Metabolic Dysfunction in Mice. <i>Cells</i> , 2022, 11, 181.   | 4.1  | 2         |
| 42 | Dual action of the ezetimibe target Niemann-Pick C1-Like 1. <i>Future Lipidology</i> , 2007, 2, 379-382.   | 0.5  | 1         |
| 43 | Adipose Lipolysis Regulates Cardiac Glucose Uptake and Function in Mice under Cold Stress. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13361.   | 4.1  | 0         |