

# Jie Luo

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,278  
citations

394421

19  
h-index

454955

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms and regulation of cholesterol homeostasis. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 225-245.	37.0	899
2	Feeding induces cholesterol biosynthesis via the mTORC1- <i>USP20</i> -HMGCR axis. <i>Nature</i> , 2020, 588, 479-484.	27.8	125
3	Discovery of a potent HMG-CoA reductase degrader that eliminates statin-induced reductase accumulation and lowers cholesterol. <i>Nature Communications</i> , 2018, 9, 5138.	12.8	112
4	Intracellular Cholesterol Transport by Sterol Transfer Proteins at Membrane Contact Sites. <i>Trends in Biochemical Sciences</i> , 2019, 44, 273-292.	7.5	109
5	A <i>LIMA1</i> variant promotes low plasma LDL cholesterol and decreases intestinal cholesterol absorption. <i>Science</i> , 2018, 360, 1087-1092.	12.6	104
6	Genome editing with CRISPR/Cas9 in postnatal mice corrects PRKAG2 cardiac syndrome. <i>Cell Research</i> , 2016, 26, 1099-1111.	12.0	101
7	Routes and mechanisms of post-endosomal cholesterol trafficking: A story that never ends. <i>Traffic</i> , 2017, 18, 209-217.	2.7	91
8	Cholesterol and fatty acids regulate cysteine ubiquitylation of ACAT2 through competitive oxidation. <i>Nature Cell Biology</i> , 2017, 19, 808-819.	10.3	81
9	Cholesterol transport through the peroxisome-ER membrane contacts tethered by PI(4,5)P2 and extended synaptotagmins. <i>Science China Life Sciences</i> , 2019, 62, 1117-1135.	4.9	64
10	Endogenous sterol intermediates of the mevalonate pathway regulate HMGCR degradation and SREBP-2 processing. <i>Journal of Lipid Research</i> , 2019, 60, 1765-1775.	4.2	62
11	Ring finger protein 145 (RNF145) is a ubiquitin ligase for sterol-induced degradation of HMG-CoA reductase. <i>Journal of Biological Chemistry</i> , 2018, 293, 4047-4055.	3.4	59
12	Inhibition of the sterol regulatory element-binding protein pathway suppresses hepatocellular carcinoma by repressing inflammation in mice. <i>Hepatology</i> , 2017, 65, 1936-1947.	7.3	57
13	PIP4K2A regulates intracellular cholesterol transport through modulating PI(4,5)P2 homeostasis. <i>Journal of Lipid Research</i> , 2018, 59, 507-514.	4.2	50
14	The GARP Complex Is Involved in Intracellular Cholesterol Transport via Targeting NPC2 to Lysosomes. <i>Cell Reports</i> , 2017, 19, 2823-2835.	6.4	44
15	Gpmb secreted from liver promotes lipogenesis in white adipose tissue and aggravates obesity and insulin resistance. <i>Nature Metabolism</i> , 2019, 1, 570-583.	11.9	42
16	AAV9-NPC1 significantly ameliorates Purkinje cell death and behavioral abnormalities in mouse NPC disease. <i>Journal of Lipid Research</i> , 2017, 58, 512-518.	4.2	40
17	Degradation versus Inhibition: Development of Proteolysis-Targeting Chimeras for Overcoming Statin-Induced Compensatory Upregulation of 3-Hydroxy-3-methylglutaryl Coenzyme A Reductase. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4908-4928.	6.4	38
18	Disruption of the ERLIN-TM6SF2-APOB complex destabilizes APOB and contributes to non-alcoholic fatty liver disease. <i>PLoS Genetics</i> , 2020, 16, e1008955.	3.5	32

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19	POST1/C12ORF49 regulates the SREBP pathway by promoting site-1 protease maturation. <i>Protein and Cell</i> , 2021, 12, 279-296.	11.0	31
20	Ablation of Plasma Prekallikrein Decreases Low-Density Lipoprotein Cholesterol by Stabilizing Low-Density Lipoprotein Receptor and Protects Against Atherosclerosis. <i>Circulation</i> , 2022, 145, 675-687.	1.6	22
21	Schnyder corneal dystrophy-associated UBIAD1 mutations cause corneal cholesterol accumulation by stabilizing HMG-CoA reductase. <i>PLoS Genetics</i> , 2019, 15, e1008289.	3.5	18
22	Mitochondrial DNA Release Contributes to Intestinal Ischemia/Reperfusion Injury. <i>Frontiers in Pharmacology</i> , 2022, 13, 854994.	3.5	15
23	IDOL G51S Variant Is Associated With High Blood Cholesterol and Increases Low-Density Lipoprotein Receptor Degradation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2468-2479.	2.4	13
24	Competitive oxidation and ubiquitylation on the evolutionarily conserved cysteine confer tissue-specific stabilization of Insig-2. <i>Nature Communications</i> , 2020, 11, 379.	12.8	12
25	The non-canonical NF- $\kappa$ B pathway promotes NPC2 expression and regulates intracellular cholesterol trafficking. <i>Science China Life Sciences</i> , 2018, 61, 1222-1232.	4.9	11
26	The Type 3 Adenylyl Cyclase Is Required for the Survival and Maturation of Newly Generated Granule Cells in the Olfactory Bulb. <i>PLoS ONE</i> , 2015, 10, e0122057.	2.5	11
27	Lowering low-density lipoprotein cholesterol: from mechanisms to therapies. , 2022, 1, 25-38.		10
28	Numb directs the subcellular localization of excitatory amino acid transporter type 3 through binding the YXNXXF motif. <i>Journal of Cell Science</i> , 2016, 129, 3104-14.	2.0	8
29	SUMOylation of the ubiquitin ligase IDOL decreases LDL receptor levels and is reversed by SENP1. <i>Journal of Biological Chemistry</i> , 2021, 296, 100032.	3.4	8
30	Measurement of Cholesterol Transfer from Lysosome to Peroxisome Using an In Vitro Reconstitution Assay. <i>Methods in Molecular Biology</i> , 2017, 1583, 141-161.	0.9	4
31	Peroxisomes in intracellular cholesterol transport: from basic physiology to brain pathology. , 2021, 1, .		3
32	Hitching a ride to the top: peroxisomes fuel cilium with cholesterol. <i>Science China Life Sciences</i> , 2021, 64, 478-481.	4.9	2
33	Discussion of the Application Based on BSC Indicators in Performance Evaluation of Clinical Departments of Public Hospitals. <i>Chinese Medical Record English Edition</i> , 2013, 1, 92-94.	0.1	0