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## Lipid Droplets in Disease

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#	Paper	IF	Citations
19	Automated lipid droplet quantification system for phenotypic analysis of adipocytes using CellProfiler. <i>Toxicology Mechanisms and Methods</i> , <b>2020</b> , 30, 378-387	3.6	8
18	Seipin accumulates and traps diacylglycerols and triglycerides in its ring-like structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	14
17	Brain lipidomics as a rising field in neurodegenerative contexts: Perspectives with Machine Learning approaches. <i>Frontiers in Neuroendocrinology</i> , <b>2021</b> , 61, 100899	8.9	8
16	Lipophagy: A New Perspective of Natural Products in Type 2 Diabetes Mellitus Treatment. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2021</b> , 14, 2985-2999	3.4	1
15	A Novel Photosensitizer for Lipid Droplet-Location Photodynamic Therapy. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 701771	5	3
14	Prothymosin $\beta$ promotes colorectal carcinoma chemoresistance through inducing lipid droplet accumulation. <i>Mitochondrion</i> , <b>2021</b> , 59, 123-134	4.9	1
13	Targeting at cancer energy metabolism and lipid droplet formation as new treatment strategies for epigallocatechin-3-gallate (EGCG) in colorectal cancer cells. <i>Journal of Functional Foods</i> , <b>2021</b> , 83, 104570	5.1	4
12	Hydrogen sulphide reduced the accumulation of lipid droplets in cardiac tissues of db/db mice via Hrd1 S-sulphydration. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 9154-9167	5.6	3
11	Seipin accumulates and traps diacylglycerols and triglycerides in its ring-like structure.		2
10	Effects of different processing methods on the lipid composition of hazelnut oil: A lipidomics analysis. <i>Food Science and Human Wellness</i> , <b>2022</b> , 11, 427-435	8.3	1
9	Lipophilic Red-Emitting Carbon Dots for Detecting and Tracking Lipid Droplets in Live Cells.. <i>ACS Applied Bio Materials</i> , <b>2022</b> ,	4.1	1
8	A near-infrared ratiometric fluorescent probe with large stokes shift for rapid detection of ClO $\cdot$ in living cells. <i>Journal of Molecular Structure</i> , <b>2022</b> , 133570	3.4	0
7	Yellow-Emitting Carbon Dots for Selective Fluorescence Imaging of Lipid Droplets in Living Cells. <i>Langmuir</i> ,	4	1
6	A water-soluble polymer fluorescent probe via RAFT polymerization for dynamic monitoring of cellular lipid droplet levels and zebrafish imaging.		0
5	Luminescent Metal Complexes as Emerging Tools for Lipid Imaging. <b>2022</b> , 380,		2
4	An imidazole-derived polarity sensitive probe for lipid droplet target and in vivo tumor imaging. <b>2023</b> , 252, 123903		0
3	Solvatochromic Two-Photon Fluorescent Probe Enables In Situ Lipid Droplet Multidynamics Tracking for Nonalcoholic Fatty Liver and Inflammation Diagnoses. <b>2022</b> , 94, 13396-13403		2

- 2 Facile synthesis of ultrabright luminogens with specific lipid droplets targeting feature for in vivo two-photon fluorescence retina imaging. **2022**, 107949 ○
- 1 A Robust Phenotypic Screening Assay Utilizing Human Podocytes to Identify Agents that Modulate Lipid Droplets. **2023**, 163-174 ○