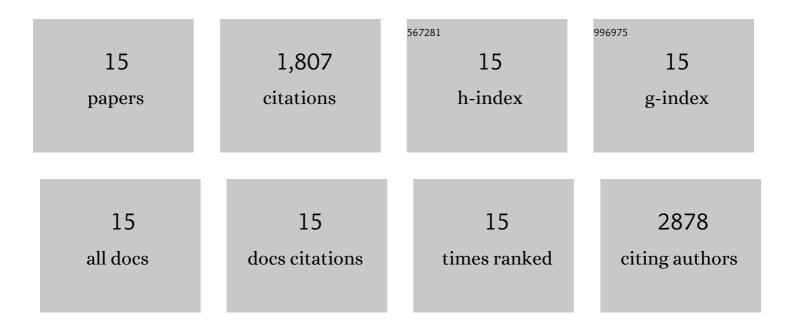
## Kui Yang

## List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Lipidomics: Techniques, Applications, and Outcomes Related to Biomedical Sciences. Trends in<br>Biochemical Sciences, 2016, 41, 954-969.  | 7.5  | 417       |
| 2  | Automated Lipid Identification and Quantification by Multidimensional Mass Spectrometry-Based Shotgun Lipidomics. Analytical Chemistry, 2009, 81, 4356-4368.  | 6.5  | 354       |
| 3  | Aberrant Schwann Cell Lipid Metabolism Linked to Mitochondrial Deficits Leads to Axon Degeneration and Neuropathy. Neuron, 2013, 77, 886-898.   | 8.1  | 207       |
| 4  | Metabolic regulator LKB1 is crucial for Schwann cell–mediated axon maintenance. Nature<br>Neuroscience, 2014, 17, 1351-1361.  | 14.8 | 163       |
| 5  | Accurate Quantification of Lipid Species by Electrospray Ionization Mass Spectrometry — Meets a Key<br>Challenge in Lipidomics. Metabolites, 2011, 1, 21-40.  | 2.9  | 139       |
| 6  | Identification and Quantitation of Fatty Acid Double Bond Positional Isomers: A Shotgun Lipidomics<br>Approach Using Charge-Switch Derivatization. Analytical Chemistry, 2013, 85, 9742-9750.   | 6.5  | 103       |
| 7  | Systematic analysis of choline-containing phospholipids using multi-dimensional mass<br>spectrometry-based shotgun lipidomics. Journal of Chromatography B: Analytical Technologies in the<br>Biomedical and Life Sciences, 2009, 877, 2924-2936. | 2.3  | 86        |
| 8  | Identification and Quantitation of Unsaturated Fatty Acid Isomers by Electrospray Ionization Tandem<br>Mass Spectrometry: A Shotgun Lipidomics Approach. Analytical Chemistry, 2011, 83, 4243-4250.   | 6.5  | 83        |
| 9  | Shotgun Lipidomics Identifies a Paired Rule for the Presence of Isomeric Ether Phospholipid Molecular<br>Species. PLoS ONE, 2007, 2, e1368.   | 2.5  | 64        |
| 10 | Caveolin-1 regulates lipid droplet metabolism in endothelial cells via autocrine<br>prostacyclin–stimulated, cAMP-mediated lipolysis. Journal of Biological Chemistry, 2018, 293, 973-983.  | 3.4  | 55        |
| 11 | Heart failure–induced activation of phospholipase iPLA2γ generates hydroxyeicosatetraenoic acids opening the mitochondrial permeability transition pore. Journal of Biological Chemistry, 2018, 293, 115-129.                                     | 3.4  | 38        |
| 12 | Comprehensive and Quantitative Analysis of Polyphosphoinositide Species by Shotgun Lipidomics<br>Revealed Their Alterations in <i>db/db</i> Mouse Brain. Analytical Chemistry, 2016, 88, 12137-12144.   | 6.5  | 33        |
| 13 | Liver-specific loss of lipin-1-mediated phosphatidic acid phosphatase activity does not mitigate intrahepatic TG accumulation in mice. Journal of Lipid Research, 2015, 56, 848-858.  | 4.2  | 24        |
| 14 | Multidimensional mass spectrometry-based shotgun lipidomics analysis of vinyl ether diglycerides.<br>Analytical and Bioanalytical Chemistry, 2015, 407, 5199-5210.  | 3.7  | 23        |
| 15 | A Practical Approach for Determination of Mass Spectral Baselines. Journal of the American Society for Mass Spectrometry, 2011, 22, 2090-9.   | 2.8  | 18        |