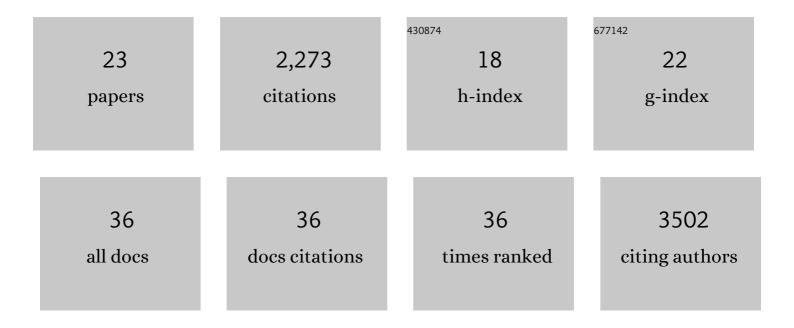
## Ho-Joon Lee

List of Publications by Year in descending order

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HO-LOON LEE

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Cysteine depletion induces pancreatic tumor ferroptosis in mice. Science, 2020, 368, 85-89.  | 12.6 | 692       |
| 2  | Macrophage-Released Pyrimidines Inhibit Gemcitabine Therapy in Pancreatic Cancer. Cell Metabolism, 2019, 29, 1390-1399.e6.   | 16.2 | 280       |
| 3  | Controllability analysis of the directed human protein interaction network identifies disease genes and drug targets. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4976-4981. | 7.1  | 249       |
| 4  | Regulatory T-cell Depletion Alters the Tumor Microenvironment and Accelerates Pancreatic Carcinogenesis. Cancer Discovery, 2020, 10, 422-439.  | 9.4  | 223       |
| 5  | NAD+ augmentation restores mitophagy and limits accelerated aging in Werner syndrome. Nature Communications, 2019, 10, 5284.   | 12.8 | 165       |
| 6  | Hydrogen sulfide perturbs mitochondrial bioenergetics and triggers metabolic reprogramming in colon cells. Journal of Biological Chemistry, 2019, 294, 12077-12090.  | 3.4  | 87        |
| 7  | Integrated Metabolic and Epigenomic Reprograming by H3K27M Mutations in Diffuse Intrinsic Pontine Gliomas. Cancer Cell, 2020, 38, 334-349.e9.  | 16.8 | 87        |
| 8  | Hepcidin sequesters iron to sustain nucleotide metabolism and mitochondrial function in colorectal cancer epithelial cells. Nature Metabolism, 2021, 3, 969-982.   | 11.9 | 58        |
| 9  | A large-scale analysis of targeted metabolomics data from heterogeneous biological samples provides insights into metabolite dynamics. Metabolomics, 2019, 15, 103.  | 3.0  | 55        |
| 10 | Ultra-rapid vitrification of mouse oocytes in low cryoprotectant concentrations. Reproductive<br>BioMedicine Online, 2010, 20, 201-208.  | 2.4  | 49        |
| 11 | Proteomic and Metabolomic Characterization of a Mammalian Cellular Transition from Quiescence to Proliferation. Cell Reports, 2017, 20, 721-736.   | 6.4  | 41        |
| 12 | Menin regulates the serine biosynthetic pathway in Ewing sarcoma. Journal of Pathology, 2018, 245, 324-336.  | 4.5  | 35        |
| 13 | Tissue of origin dictates GOT1 dependence and confers synthetic lethality to radiotherapy. Cancer & Metabolism, 2020, 8, 1.  | 5.0  | 34        |
| 14 | Abnormal oxidative metabolism in a quiet genomic background underlies clear cell papillary renal cell carcinoma. ELife, 2019, 8, .   | 6.0  | 31        |
| 15 | Multiomic characterization of pancreatic cancer-associated macrophage polarization reveals deregulated metabolic programs driven by the GM-CSF–PI3K pathway. ELife, 2022, 11, .  | 6.0  | 29        |
| 16 | A redox cycle with complex II prioritizes sulfide quinone oxidoreductase-dependent H2S oxidation.<br>Journal of Biological Chemistry, 2022, 298, 101435.   | 3.4  | 28        |
| 17 | Auditory metabolomics, an approach to identify acute molecular effects of noise trauma. Scientific<br>Reports, 2019, 9, 9273.  | 3.3  | 24        |
| 18 | Mutant p53R270H drives altered metabolism and increased invasion in pancreatic ductal adenocarcinoma. JCI Insight, 2018, 3, .  | 5.0  | 24        |

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | The deacylase SIRT5 supports melanoma viability by influencing chromatin dynamics. Journal of Clinical Investigation, 2021, 131, .            | 8.2  | 23        |
| 20 | Mitochondrial complex II in intestinal epithelial cells regulates T cell-mediated immunopathology.<br>Nature Immunology, 2021, 22, 1440-1451. | 14.5 | 22        |
| 21 | Prioritization of gene regulatory interactions from large-scale modules in yeast. BMC Bioinformatics, 2008, 9, 32.                            | 2.6  | 7         |
| 22 | Evidence of a Role for Androgens in Embryonic Stem Cell Function and Differentiation.<br>Endocrinology, 2008, 149, 3-4.                       | 2.8  | 7         |
| 23 | Reprogramming of Colonic Cell Metabolism by H 2 S. FASEB Journal, 2019, 33, 485.11.   | 0.5  | 0         |