

# Karthickeyan Chella Krishnan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4739067/publications.pdf>

Version: 2024-02-01

22  
papers

794  
citations

567281

15  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1346  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Integration of Multi-omics Data from Mouse Diversity Panel Highlights Mitochondrial Dysfunction in Non-alcoholic Fatty Liver Disease. <i>Cell Systems</i> , 2018, 6, 103-115.e7.      | 6.2  | 124       |
| 2  | Gene-by-Sex Interactions in Mitochondrial Functions and Cardio-Metabolic Traits. <i>Cell Metabolism</i> , 2019, 29, 932-949.e4.   | 16.2 | 79        |
| 3  | Sex differences in metabolism and cardiometabolic disorders. <i>Current Opinion in Lipidology</i> , 2018, 29, 404-410.  | 2.7  | 78        |
| 4  | A Strategy for Discovery of Endocrine Interactions with Application to Whole-Body Metabolism. <i>Cell Metabolism</i> , 2018, 27, 1138-1155.e6.  | 16.2 | 58        |
| 5  | The Genetic Architecture of Diet-Induced Hepatic Fibrosis in Mice. <i>Hepatology</i> , 2018, 68, 2182-2196.   | 7.3  | 51        |
| 6  | Sex-specific metabolic functions of adipose Lipocalin-2. <i>Molecular Metabolism</i> , 2019, 30, 30-47.   | 6.5  | 41        |
| 7  | Fgr kinase is required for proinflammatory macrophage activation during diet-induced obesity. <i>Nature Metabolism</i> , 2020, 2, 974-988.  | 11.9 | 40        |
| 8  | Liver Pyruvate Kinase Promotes NAFLD/NASH in Both Mice and Humans in a Sex-Specific Manner. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 389-406.        | 4.5  | 37        |
| 9  | Lysophospholipid acylation modulates plasma membrane lipid organization and insulin sensitivity in skeletal muscle. <i>Journal of Clinical Investigation</i> , 2021, 131, .           | 8.2  | 34        |
| 10 | Genetic Architecture of Group A Streptococcal Necrotizing Soft Tissue Infections in the Mouse. <i>PLoS Pathogens</i> , 2016, 12, e1005732.  | 4.7  | 32        |
| 11 | A point mutation in AgrC determines cytotoxic or colonizing properties associated with phenotypic variants of ST22 MRSA strains. <i>Scientific Reports</i> , 2016, 6, 31360.          | 3.3  | 32        |
| 12 | Sex-specific genetic regulation of adipose mitochondria and metabolic syndrome by Ndufv2. <i>Nature Metabolism</i> , 2021, 3, 1552-1568.  | 11.9 | 32        |
| 13 | Sex differences in heart mitochondria regulate diastolic dysfunction. <i>Nature Communications</i> , 2022, 13, .  | 12.8 | 30        |
| 14 | ABCB10 exports mitochondrial biliverdin, driving metabolic maladaptation in obesity. <i>Science Translational Medicine</i> , 2021, 13, .  | 12.4 | 27        |
| 15 | Genetic, dietary, and sex-specific regulation of hepatic ceramides and the relationship between hepatic ceramides and IR [S]. <i>Journal of Lipid Research</i> , 2018, 59, 1164-1174. | 4.2  | 26        |
| 16 | Recruitment and remodeling of peridroplet mitochondria in human adipose tissue. <i>Redox Biology</i> , 2021, 46, 102087.  | 9.0  | 17        |
| 17 | Genetic regulation of liver lipids in a mouse model of insulin resistance and hepatic steatosis. <i>Molecular Systems Biology</i> , 2021, 17, e9684.                                  | 7.2  | 16        |
| 18 | Metal-Mediated Modulation of Streptococcal Cysteine Protease Activity and Its Biological Implications. <i>Infection and Immunity</i> , 2014, 82, 2992-3001.                           | 2.2  | 12        |

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|----|--|-----|-----------|
| 19 | A systems genetics approach identifies Trp53inp2 as a link between cardiomyocyte glucose utilization and hypertrophic response. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H728-H741. | 3.2 | 12        |
| 20 | Host Genetic Variations and Sex Differences Potentiate Predisposition, Severity, and Outcomes of Group A Streptococcus-Mediated Necrotizing Soft Tissue Infections. <i>Infection and Immunity</i> , 2016, 84, 416-424.           | 2.2 | 11        |
| 21 | Systems Genetics Approaches in Mouse Models of Group A Streptococcal Necrotizing Soft-Tissue Infections. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1294, 151-166.   | 1.6 | 3         |
| 22 | Sex-Specific Role of Adipose-Derived Lipocalin-2 in Diet-Induced Obesity and Insulin Resistance. <i>Diabetes</i> , 2018, 67, 285-LB.   | 0.6 | 1         |