

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	Sex differences in heart mitochondria regulate diastolic dysfunction. <i>Nature Communications</i> , 2022, 13, .	12.8	30
2	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
3	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
4	Lysophospholipid acylation modulates plasma membrane lipid organization and insulin sensitivity in skeletal muscle. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	34
5	ABCB10 exports mitochondrial biliverdin, driving metabolic maladaptation in obesity. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	27
6	Recruitment and remodeling of peridroplet mitochondria in human adipose tissue. <i>Redox Biology</i> , 2021, 46, 102087.	9.0	17
7	Sex-specific genetic regulation of adipose mitochondria and metabolic syndrome by Ndufv2. <i>Nature Metabolism</i> , 2021, 3, 1552-1568.	11.9	32
8	Fgr kinase is required for proinflammatory macrophage activation during diet-induced obesity. <i>Nature Metabolism</i> , 2020, 2, 974-988.	11.9	40
9	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
10	Sex-specific metabolic functions of adipose Lipocalin-2. <i>Molecular Metabolism</i> , 2019, 30, 30-47.	6.5	41
11	Gene-by-Sex Interactions in Mitochondrial Functions and Cardio-Metabolic Traits. <i>Cell Metabolism</i> , 2019, 29, 932-949.e4.	16.2	79
12	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
13	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
14	Sex differences in metabolism and cardiometabolic disorders. <i>Current Opinion in Lipidology</i> , 2018, 29, 404-410.	2.7	78
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	The Genetic Architecture of Diet-Induced Hepatic Fibrosis in Mice. <i>Hepatology</i> , 2018, 68, 2182-2196.	7.3	51
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Genetic Architecture of Group A Streptococcal Necrotizing Soft Tissue Infections in the Mouse. PLoS Pathogens, 2016, 12, e1005732.	4.7	32
20	A point mutation in AgrC determines cytotoxic or colonizing properties associated with phenotypic variants of ST22 MRSA strains. Scientific Reports, 2016, 6, 31360.	3.3	32
21	Host Genetic Variations and Sex Differences Potentiate Predisposition, Severity, and Outcomes of Group A Streptococcus-Mediated Necrotizing Soft Tissue Infections. Infection and Immunity, 2016, 84, 416-424.	2.2	11
22	Metal-Mediated Modulation of Streptococcal Cysteine Protease Activity and Its Biological Implications. Infection and Immunity, 2014, 82, 2992-3001.	2.2	12