

Sathish Sivaprakasam

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,904
citations

687363

13
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

4673
citing authors

#	ARTICLE	IF	CITATIONS
1	Unconventional Functions of Amino Acid Transporters: Role in Macropinocytosis (SLC38A5/SLC38A3) and Diet-Induced Obesity/Metabolic Syndrome (SLC6A19/SLC6A14/SLC6A6). <i>Biomolecules</i> , 2022, 12, 235.	4.0	9
2	Binding of Citrate-Fe ³⁺ to Plastic Culture Dishes, an Artefact Useful as a Simple Technique to Screen for New Iron Chelators. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6657.	4.1	0
3	Consequences of NaCT/SLC13A5/mINDY deficiency: good versus evil, separated only by the blood-brain barrier. <i>Biochemical Journal</i> , 2021, 478, 463-486.	3.7	20
4	±-Methyl-tryptophan as a weight-loss agent in multiple models of obesity in mice. <i>Biochemical Journal</i> , 2021, 478, 1347-1358.	3.7	5
5	SLC6A14 deficiency is linked to obesity, fatty liver, and metabolic syndrome but only under conditions of a high-fat diet. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166087.	3.8	13
6	Drosophila INDY and Mammalian INDY: Major Differences in Transport Mechanism and Structural Features despite Mostly Similar Biological Functions. <i>Metabolites</i> , 2021, 11, 669.	2.9	4
7	A Proton-Coupled Transport System for β^2 -Hydroxy- β^2 -Methylbutyrate (HMB) in Blood-Brain Barrier Endothelial Cell Line hCMEC/D3. <i>Nutrients</i> , 2021, 13, 3220.	4.1	3
8	Chronic exposure to excess iron promotes EMT and cancer via p53 loss in pancreatic cancer. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 237-251.	9.1	24
9	The lactate receptor GPR81 promotes breast cancer growth via a paracrine mechanism involving antigen-presenting cells in the tumor microenvironment. <i>Oncogene</i> , 2020, 39, 3292-3304.	5.9	140
10	SLC6A14, a Na ⁺ /Cl ⁻ -coupled amino acid transporter, functions as a tumor promoter in colon and is a target for Wnt signaling. <i>Biochemical Journal</i> , 2020, 477, 1409-1425.	3.7	33
11	Hereditary hemochromatosis promotes colitis and colon cancer and causes bacterial dysbiosis in mice. <i>Biochemical Journal</i> , 2020, 477, 3867-3883.	3.7	20
12	Functional analysis of a species-specific inhibitor selective for human Na ⁺ -coupled citrate transporter (NaCT/SLC13A5/mINDY). <i>Biochemical Journal</i> , 2020, 477, 4149-4165.	3.7	15
13	Hereditary hemochromatosis disrupts uric acid homeostasis and causes hyperuricemia via altered expression/activity of xanthine oxidase and ABCG2. <i>Biochemical Journal</i> , 2020, 477, 1499-1513.	3.7	7
14	Ufbp1 promotes plasma cell development and ER expansion by modulating distinct branches of UPR. <i>Nature Communications</i> , 2019, 10, 1084.	12.8	73
15	Deficiency of Dietary Fiber in Slc5a8-Null Mice Promotes Bacterial Dysbiosis and Alters Colonic Epithelial Transcriptome towards Proinflammatory Milieu. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2019, 2019, 1-12.	1.9	10
16	Abstract 3585: Amino acid transporter SLC6A14: A novel drug target for colorectal cancer. , 2019, , .		0
17	Abstract LB-062: Deficiency of dietary fiber in Slc5a8-null mice promotes bacterial dysbiosis and inflammatory milieu in colon. , 2019, , .		0
18	Abstract 1479: Bacterial dysbiosis in the mouse model of hemochromatosis: Increased risk of colitis and colitis-associated colon cancer. , 2019, , .		0

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19	Abstract 1889: Chronic exposure to excess iron promotes EMT and cancer via p53 loss in pancreatic cancer. , 2019, , .		0
20	Gpr109a Limits Microbiota-Induced IL-23 Production To Constrain ILC3-Mediated Colonic Inflammation. Journal of Immunology, 2018, 200, 2905-2914.	0.8	57
21	Abstract 4477: Downregulation of ABCG2 expression in colitis and colon cancer: Relevance to iron overload, hemochromatosis and p53, and therapeutic use of carbidopa to reverse the downregulation. , 2018, , .		0
22	Abstract 5735: Amino acid transporter SLC6A14: A novel drug target for colorectal cancer and colitis and its transcriptional regulation by TCF4/beta-catenin pathway. , 2018, , .		0
23	Gut Microbiome and Colon Cancer: Role of Bacterial Metabolites and Their Molecular Targets in the Host. Current Colorectal Cancer Reports, 2017, 13, 111-118.	0.5	23
24	Dual targeting of <sc>l</sc>-carnitine-conjugated nanoparticles to OCTN2 and ATB^{0,+} to deliver chemotherapeutic agents for colon cancer therapy. Drug Delivery, 2017, 24, 1338-1349.	5.7	62
25	Short-Chain Fatty Acid Transporters: Role in Colonic Homeostasis. , 2017, 8, 299-314.		176
26	Cell-Surface and Nuclear Receptors in the Colon as Targets for Bacterial Metabolites and Its Relevance to Colon Health. Nutrients, 2017, 9, 856.	4.1	52
27	Benefits of short-chain fatty acids and their receptors in inflammation and carcinogenesis. , 2016, 164, 144-151.		386
28	Slc5a8, a Na ⁺ -coupled high-affinity transporter for short-chain fatty acids, is a conditional tumour suppressor in colon that protects against colitis and colon cancer under low-fibre dietary conditions. Biochemical Journal, 2015, 469, 267-278.	3.7	118
29	Abstract 986: Role of Gpr43 in intestinal inflammation and carcinogenesis. , 2015, , .		0
30	Activation of Gpr109a, Receptor for Niacin and the Commensal Metabolite Butyrate, Suppresses Colonic Inflammation and Carcinogenesis. Immunity, 2014, 40, 128-139.	14.3	1,654