

Hamid M Said

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94
papers

2,287
citations

26
h-index

45
g-index

94
ext. papers

2,589
ext. citations

4.8
avg, IF

5.54
L-index

#	Paper	IF	Citations
94	Intestinal absorption of water-soluble vitamins in health and disease. <i>Biochemical Journal</i> , 2011 , 437, 357-72	3.8	243
93	Recent advances in carrier-mediated intestinal absorption of water-soluble vitamins. <i>Annual Review of Physiology</i> , 2004 , 66, 419-46	23.1	129
92	Adaptive regulation of intestinal folate uptake: effect of dietary folate deficiency. <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 279, C1889-95	5.4	112
91	Intestinal absorption of water-soluble vitamins: an update. <i>Current Opinion in Gastroenterology</i> , 2006 , 22, 140-6	3	109
90	Expression and functional contribution of hTHTR-2 in thiamin absorption in human intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 286, G491-8	5.1	91
89	Riboflavin uptake by human-derived colonic epithelial NCM460 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 278, C270-6	5.4	75
88	Cell and molecular aspects of human intestinal biotin absorption. <i>Journal of Nutrition</i> , 2009 , 139, 158-62	4.1	70
87	Chronic alcohol consumption and intestinal thiamin absorption: effects on physiological and molecular parameters of the uptake process. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 299, G23-31	5.1	66
86	A carrier-mediated mechanism for pyridoxine uptake by human intestinal epithelial Caco-2 cells: regulation by a PKA-mediated pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 285, C1219-25	5.4	65
85	Expression and promoter analysis of SLC19A2 in the human intestine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002 , 1561, 180-7	3.8	62
84	Recent advances in transport of water-soluble vitamins in organs of the digestive system: a focus on the colon and the pancreas. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 305, G601-10	5.1	56
83	Biotin: biochemical, physiological and clinical aspects. <i>Sub-Cellular Biochemistry</i> , 2012 , 56, 1-19	5.5	55
82	Biotin deficiency enhances the inflammatory response of human dendritic cells. <i>American Journal of Physiology - Cell Physiology</i> , 2016 , 311, C386-91	5.4	52
81	Mechanism of thiamine uptake by human colonocytes: studies with cultured colonic epithelial cell line NCM460. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 281, G144-50	5.1	51
80	Molecular identification and functional characterization of the human colonic thiamine pyrophosphate transporter. <i>Journal of Biological Chemistry</i> , 2014 , 289, 4405-16	5.4	48
79	Impaired intestinal vitamin B1 (thiamin) uptake in thiamin transporter-2-deficient mice. <i>Gastroenterology</i> , 2010 , 138, 1802-9	13.3	48
78	Effect of chronic kidney disease on the expression of thiamin and folic acid transporters. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 2137-44	4.3	46

77	Folate uptake in the human intestine: promoter activity and effect of folate deficiency. <i>Journal of Cellular Physiology</i> , 2003 , 196, 403-8	7	46
76	Differential expression of human riboflavin transporters -1, -2, and -3 in polarized epithelia: a key role for hRFT-2 in intestinal riboflavin uptake. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011 , 1808, 3016-21	3.8	42
75	Riboflavin uptake by the human-derived liver cells Hep G2: mechanism and regulation. <i>Journal of Cellular Physiology</i> , 1998 , 176, 588-94	7	34
74	Developmental maturation of intestinal and renal thiamin uptake: studies in wild-type and transgenic mice carrying human THTR-1 and 2 promoters. <i>Journal of Cellular Physiology</i> , 2006 , 206, 371-7		28
73	Mechanism of nicotinic acid transport in human liver cells: experiments with HepG2 cells and primary hepatocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2007 , 293, C1773-8	5.4	28
72	Tumor necrosis factor alpha reduces intestinal vitamin C uptake: a role for NF- κ B-mediated signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, G241-G248	5.1	27
71	Pancreatic beta cells and islets take up thiamin by a regulated carrier-mediated process: studies using mice and human pancreatic preparations. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, G197-206	5.1	27
70	Uptake of biotin by human hepatoma cell line, Hep G2: a carrier-mediated process similar to that of normal liver. <i>Journal of Cellular Physiology</i> , 1994 , 161, 483-9	7	27
69	Inhibition of intestinal ascorbic acid uptake by lipopolysaccharide is mediated via transcriptional mechanisms. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 556-565	3.8	26
68	A high-affinity and specific carrier-mediated mechanism for uptake of thiamine pyrophosphate by human colonic epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, G389-95	5.1	25
67	Mutations in SLC5A6 associated with brain, immune, bone, and intestinal dysfunction in a young child. <i>Human Genetics</i> , 2017 , 136, 253-261	6.3	23
66	Mechanism of riboflavin uptake by cultured human retinal pigment epithelial ARPE-19 cells: possible regulation by an intracellular Ca ²⁺ -calmodulin-mediated pathway. <i>Journal of Physiology</i> , 2005 , 566, 369-77	3.9	23
65	Molecular Mechanisms Mediating the Adaptive Regulation of Intestinal Riboflavin Uptake Process. <i>PLoS ONE</i> , 2015 , 10, e0131698	3.7	23
64	Mechanism and regulation of folate uptake by pancreatic acinar cells: effect of chronic alcohol consumption. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 298, G985-93	5.1	21
63	Effect of clinical mutations on functionality of the human riboflavin transporter-2 (hRFT-2). <i>Molecular Genetics and Metabolism</i> , 2012 , 105, 652-7	3.7	19
62	Role of the sodium-dependent multivitamin transporter (SMVT) in the maintenance of intestinal mucosal integrity. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, G561-70	5.1	18
61	Role of the putative N-glycosylation and PKC-phosphorylation sites of the human sodium-dependent multivitamin transporter (hSMVT) in function and regulation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011 , 1808, 2073-80	3.8	18
60	Mitochondrial uptake of thiamin pyrophosphate: physiological and cell biological aspects. <i>PLoS ONE</i> , 2013 , 8, e73503	3.7	17

59	Molecular mechanism(s) involved in differential expression of vitamin C transporters along the intestinal tract. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, G340-G347	5.1	16
58	Biotin and pantothenic acid oversupplementation to conditional SLC5A6 KO mice prevents the development of intestinal mucosal abnormalities and growth defects. <i>American Journal of Physiology - Cell Physiology</i> , 2018 , 315, C73-C79	5.4	15
57	Effect of the cigarette smoke component, 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK), on physiological and molecular parameters of thiamin uptake by pancreatic acinar cells. <i>PLoS ONE</i> , 2013 , 8, e78853	3.7	15
56	Conditional (intestinal-specific) knockout of the riboflavin transporter-3 (RFVT-3) impairs riboflavin absorption. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, G285-93	5.1	15
55	Identification and characterization of the minimal 5Sregulatory region of the human riboflavin transporter-3 (SLC52A3) in intestinal epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2015 , 308, C189-96	5.4	14
54	Gastrointestinal Handling of Water-Soluble Vitamins. <i>Comprehensive Physiology</i> , 2018 , 8, 1291-1311	7.7	14
53	Cellular and molecular aspects of thiamin uptake by human liver cells: studies with cultured HepG2 cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002 , 1567, 106-12	3.8	13
52	Regulation of basal promoter activity of the human thiamine pyrophosphate transporter SLC44A4 in human intestinal epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2015 , 308, C750-7	5.4	12
51	SLC52A2 [p.P141T] and SLC52A3 [p.N21S] causing Brown-Vialetto-Van Laere Syndrome in an Indian patient: First genetically proven case with mutations in two riboflavin transporters. <i>Clinica Chimica Acta</i> , 2016 , 462, 210-214	6.2	12
50	The human colonic thiamine pyrophosphate transporter (hTPPT) is a glycoprotein and N-linked glycosylation is important for its function. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 866-71	3.8	12
49	Role of MicroRNA-423-5p in posttranscriptional regulation of the intestinal riboflavin transporter-3. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, G589-G598	5.1	12
48	Adaptive regulation of human intestinal thiamine uptake by extracellular substrate level: a role for THTR-2 transcriptional regulation. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 305, G593-9	5.1	12
47	Mechanism and regulation of vitamin B(6) uptake by renal tubular epithelia: studies with cultured OK cells. <i>American Journal of Physiology - Renal Physiology</i> , 2002 , 282, F465-71	4.3	12
46	Mechanism(S) Involved in the Colon-Specific Expression of the Thiamine Pyrophosphate (Tpp) Transporter. <i>PLoS ONE</i> , 2016 , 11, e0149255	3.7	12
45	Functional analysis of the third identified SLC25A19 mutation causative for the thiamine metabolism dysfunction syndrome 4. <i>Journal of Human Genetics</i> , 2019 , 64, 1075-1081	4.3	11
44	Chronic alcohol exposure affects pancreatic acinar mitochondrial thiamin pyrophosphate uptake: studies with mouse 266-6 cell line and primary cells. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 309, G750-8	5.1	11
43	Biotin Supplementation Ameliorates Murine Colitis by Preventing NF- κ B Activation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020 , 9, 557-567	7.9	11
42	Uptake of ascorbic acid by pancreatic acinar cells is negatively impacted by chronic alcohol exposure. <i>American Journal of Physiology - Cell Physiology</i> , 2016 , 311, C129-35	5.4	11

41	Sodium Butyrate Enhances Intestinal Riboflavin Uptake via Induction of Expression of Riboflavin Transporter-3 (RFVT3). <i>Digestive Diseases and Sciences</i> , 2019 , 64, 84-92	4	11
40	Chronic alcohol exposure inhibits biotin uptake by pancreatic acinar cells: possible involvement of epigenetic mechanisms. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, G941-9	5.1	10
39	Chronic Nicotine Exposure In Vivo and In Vitro Inhibits Vitamin B1 (Thiamin) Uptake by Pancreatic Acinar Cells. <i>PLoS ONE</i> , 2015 , 10, e0143575	3.7	10
38	Effect of the proinflammatory cytokine TNF- α on intestinal riboflavin uptake: inhibition mediated via transcriptional mechanism(s). <i>American Journal of Physiology - Cell Physiology</i> , 2018 , 315, C653-C663	5.4	10
37	Salmonella infection inhibits intestinal biotin transport: cellular and molecular mechanisms. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 309, G123-31	5.1	9
36	Tamoxifen-induced, intestinal-specific deletion of in adult mice leads to spontaneous inflammation: involvement of NF- κ B, NLRP3, and gut microbiota. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, G518-G530	5.1	9
35	Lipopolysaccharide inhibits colonic biotin uptake via interference with membrane expression of its transporter: a role for a casein kinase 2-mediated pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2017 , 312, C376-C384	5.4	8
34	Identification of residues/sequences in the human riboflavin transporter-2 that is important for function and cell biology. <i>Nutrition and Metabolism</i> , 2015 , 12, 13	4.6	8
33	Identification and characterization of 5Sflanking region of the human riboflavin transporter 1 gene (SLC52A1). <i>Gene</i> , 2014 , 553, 49-56	3.8	8
32	Structure/functional aspects of the human riboflavin transporter-3 (hRFVT3): role of the predicted glycosylation and substrate-interacting sites. <i>American Journal of Physiology - Cell Physiology</i> , 2017 , 313, C228-C238	5.4	8
31	Inhibitory effect of bile salts on the enterohepatic circulation of methotrexate in the unanesthetized rat: inhibition of methotrexate intestinal absorption. <i>Cancer Chemotherapy and Pharmacology</i> , 1986 , 16, 121-4	3.5	8
30	Thiamine mimetics sulbutiamine and benfotiamine as a nutraceutical approach to anticancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 121, 109648	7.5	8
29	Functional thiamine deficiency in end-stage renal disease: malnutrition despite ample nutrients. <i>Kidney International</i> , 2016 , 90, 252-254	9.9	7
28	Novel nonsense mutation (p.Ile411Metfs*12) in the SLC19A2 gene causing Thiamine Responsive Megaloblastic Anemia in an Indian patient. <i>Clinica Chimica Acta</i> , 2016 , 452, 44-9	6.2	7
27	Cys(294) is essential for the function of the human sodium-dependent multivitamin transporter. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012 , 1818, 97-102	3.8	7
26	Inhibition of pancreatic acinar mitochondrial thiamin pyrophosphate uptake by the cigarette smoke component 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, G874-83	5.1	7
25	Molecular mechanisms involved in the adaptive regulation of the colonic thiamin pyrophosphate uptake process. <i>American Journal of Physiology - Cell Physiology</i> , 2017 , 313, C655-C663	5.4	6
24	Association of TM4SF4 with the human thiamine transporter-2 in intestinal epithelial cells. <i>Digestive Diseases and Sciences</i> , 2014 , 59, 583-90	4	6

23	Enterotoxigenic <i>Escherichia coli</i> heat labile enterotoxin inhibits intestinal ascorbic acid uptake via a cAMP-dependent NF- κ B-mediated pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 316, G55-G63	5.1	6
22	Identification of transmembrane protein 237 as a novel interactor with the intestinal riboflavin transporter-3 (RFVT-3): role in functionality and cell biology. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 316, C805-C814	5.4	5
21	pH-dependent pyridoxine transport by SLC19A2 and SLC19A3: Implications for absorption in acidic microclimates. <i>Journal of Biological Chemistry</i> , 2020 , 295, 16998-17008	5.4	5
20	Adaptive regulation of pancreatic acinar mitochondrial thiamin pyrophosphate uptake process: possible involvement of epigenetic mechanism(s). <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, G448-G455	5.1	5
19	MicroRNA-103a regulates sodium-dependent vitamin C transporter-1 expression in intestinal epithelial cells. <i>Journal of Nutritional Biochemistry</i> , 2019 , 65, 46-53	6.3	5
18	Pyridoxine and pancreatic acinar cells: transport physiology and effect on gene expression profile. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 317, C1107-C1114	5.4	4
17	Enteropathogenic <i>Escherichia coli</i> infection inhibits intestinal ascorbic acid uptake via dysregulation of its transporter expression. <i>Digestive Diseases and Sciences</i> , 2021 , 66, 2250-2260	4	4
16	Structure-function characterization of the human mitochondrial thiamin pyrophosphate transporter (hMTPPT; SLC25A19): Important roles for Ile(33), Ser(34), Asp(37), His(137) and Lys(291). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 1883-90	3.8	4
15	Biotin uptake by mouse and human pancreatic beta cells/islets: a regulated, lipopolysaccharide-sensitive carrier-mediated process. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 307, G365-73	5.1	4
14	Intestinal Absorption of Water-Soluble Vitamins 2006 , 1791-1825		4
13	Effect of chronic alcohol exposure on gut vitamin B7 uptake: involvement of epigenetic mechanisms and effect of alcohol metabolites. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 321, G123-G133	5.1	4
12	Effect of bacterial flagellin on thiamin uptake by human and mouse pancreatic acinar cells: inhibition mediated at the level of transcription of thiamin transporters 1 and 2. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 316, G735-G743	5.1	3
11	Enterohemorrhagic <i>Escherichia coli</i> infection inhibits colonic thiamin pyrophosphate uptake via transcriptional mechanism. <i>PLoS ONE</i> , 2019 , 14, e0224234	3.7	3
10	Proinflammatory cytokines inhibit thiamin uptake by human and mouse pancreatic acinar cells: involvement of transcriptional mechanism(s). <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 320, G108-G116	5.1	2
9	Posttranscriptional regulation of thiamin transporter-1 expression by microRNA-200a-3p in pancreatic acinar cells. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 319, G323-G332	5.1	1
8	Developmental maturation of the colonic uptake process of the microbiota-generated thiamin pyrophosphate. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 320, G829-G835	5.1	1
7	Hypoxia inhibits colonic uptake of the microbiota-generated forms of vitamin B1 via HIF-1 β -mediated transcriptional regulation of their transporters.. <i>Journal of Biological Chemistry</i> , 2022 , 101562	5.4	0
6	Mechanism and regulation of thiamin uptake in human-derived renal epithelial cells. <i>FASEB Journal</i> , 2006 , 20, A841	0.9	

- 5 A new insight into redox mechanisms of cysteamine-induced duodenal ulcers. *FASEB Journal*, **2006**, 20, A1084 0.9
- 4 Mechanisms of Human Hepatic Vitamin C Uptake: Studies of the hSCVT Systems. *FASEB Journal*, **2008**, 22, 936.14 0.9
- 3 Cell biology of the human proton-coupled folate transporter (hPCFT) in renal epithelial MDCK cells. *FASEB Journal*, **2008**, 22, 1156.2 0.9
- 2 Biotin deficiency induces Th1 and Th17 mediated inflammatory response in CD4+T lymphocytes via activation of mTOR signaling pathway. *FASEB Journal*, **2018**, 32, 280.6 0.9
- 1 Inhibition of the human colonic thiamine pyrophosphate (TPP) uptake process by the pro-inflammatory cytokine, TNF- α and IFN- γ . *FASEB Journal*, **2018**, 32, lb360 0.9