

Martel F

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2646090/martel-f-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118
papers

2,757
citations

29
h-index

46
g-index

122
ext. papers

3,152
ext. citations

4.5
avg, IF

5.47
L-index

#	Paper	IF	Citations
118	Chemopreventive effect of dietary polyphenols in colorectal cancer cell lines. <i>Nutrition Research</i> , 2011 , 31, 77-87	4	241
117	Primary structure and functional expression of the apical organic cation transporter from kidney epithelial LLC-PK1 cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 10408-13	5.4	157
116	Butyrate and colorectal cancer: the role of butyrate transport. <i>Current Drug Metabolism</i> , 2013 , 14, 994-1008	10.8	112
115	Absorption of anthocyanins through intestinal epithelial cells - Putative involvement of GLUT2. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 1430-7	5.9	109
114	The extraneuronal transporter for monoamine transmitters exists in cells derived from human central nervous system glia. <i>European Journal of Neuroscience</i> , 1996 , 8, 1256-64	3.5	96
113	Molecular cloning and characterization of two novel transport proteins from rat kidney. <i>FEBS Letters</i> , 1998 , 425, 79-86	3.8	79
112	The chemopreventive effect of the dietary compound kaempferol on the MCF-7 human breast cancer cell line is dependent on inhibition of glucose cellular uptake. <i>Nutrition and Cancer</i> , 2015 , 67, 504-13	2.8	70
111	Uptake of serotonin at the apical and basolateral membranes of human intestinal epithelial (Caco-2) cells occurs through the neuronal serotonin transporter (SERT). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 306, 355-62	4.7	63
110	Quercetin and epigallocatechin gallate inhibit glucose uptake and metabolism by breast cancer cells by an estrogen receptor-independent mechanism. <i>Experimental Cell Research</i> , 2013 , 319, 1784-1795	4.2	62
109	Antipsychotics-induced metabolic alterations: focus on adipose tissue and molecular mechanisms. <i>European Neuropsychopharmacology</i> , 2015 , 25, 1-16	1.2	58
108	Oxidative stress in pregnancy and fertility pathologies. <i>Cell Biology and Toxicology</i> , 2014 , 30, 301-12	7.4	54
107	Transport of small organic cations in the rat liver. The role of the organic cation transporter OCT1. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996 , 354, 320-6	3.4	53
106	Effect of polyphenols on the intestinal and placental transport of some bioactive compounds. <i>Nutrition Research Reviews</i> , 2010 , 23, 47-64	7	46
105	Modulation of folate uptake in cultured human colon adenocarcinoma Caco-2 cells by dietary compounds. <i>European Journal of Nutrition</i> , 2007 , 46, 329-36	5.2	44
104	Apical uptake of organic cations by human intestinal Caco-2 cells: putative involvement of ASF transporters. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001 , 363, 40-9	3.4	44
103	Maternal undernutrition and fetal developmental programming of obesity: the glucocorticoid connection. <i>Reproductive Sciences</i> , 2015 , 22, 138-45	3	39
102	Targeting Glucose Transporters for Breast Cancer Therapy: The Effect of Natural and Synthetic Compounds. <i>Cancers</i> , 2020 , 12,	6.6	39

101	Gestational diabetes mellitus decreases placental uptake of long-chain polyunsaturated fatty acids: involvement of long-chain acyl-CoA synthetase. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1741-50	6.3	39
100	Modulation of glucose uptake in a human choriocarcinoma cell line (BeWo) by dietary bioactive compounds and drugs of abuse. <i>Journal of Biochemistry</i> , 2008 , 144, 177-86	3.1	36
99	Microbiota-derived butyrate regulates intestinal inflammation: Focus on inflammatory bowel disease. <i>Pharmacological Research</i> , 2020 , 159, 104947	10.2	35
98	In vitro studies on the inhibition of colon cancer by butyrate and polyphenolic compounds. <i>Nutrition and Cancer</i> , 2011 , 63, 282-94	2.8	35
97	Acute and chronic effects of some dietary bioactive compounds on folic acid uptake and on the expression of folic acid transporters by the human trophoblast cell line BeWo. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 91-100	6.3	34
96	Recent advances on the importance of the serotonin transporter SERT in the rat intestine. <i>Pharmacological Research</i> , 2006 , 54, 73-6	10.2	33
95	Characterization of the transport of the organic cation [3H]MPP+ in human intestinal epithelial (Caco-2) cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000 , 361, 505-13	3.4	33
94	Regulation of human extraneuronal monoamine transporter (hEMT) expressed in HEK293 cells by intracellular second messenger systems. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001 , 364, 487-95	3.4	32
93	Effect of polyphenols on glucose and lactate transport by breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2016 , 157, 1-11	4.4	31
92	Characterization of butyrate uptake by nontransformed intestinal epithelial cell lines. <i>Journal of Membrane Biology</i> , 2011 , 240, 35-46	2.3	30
91	Inward transport of [3H]-1-methyl-4-phenylpyridinium in rat isolated hepatocytes: putative involvement of a P-glycoprotein transporter. <i>British Journal of Pharmacology</i> , 1996 , 119, 1519-24	8.6	30
90	Metformin and Breast Cancer: Molecular Targets. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2019 , 24, 111-123	2.4	29
89	Large neutral amino acids supplementation in phenylketonuric patients. <i>Journal of Inherited Metabolic Disease</i> , 2009 , 32, 472-80	5.4	29
88	Comparison between uptake2 and rOCT1: effects of catecholamines, metanephrines and corticosterone. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1999 , 359, 303-9	3.4	29
87	Thiamine is a substrate of organic cation transporters in Caco-2 cells. <i>European Journal of Pharmacology</i> , 2012 , 682, 37-42	5.3	27
86	Effect of dietary polyphenols on fructose uptake by human intestinal epithelial (Caco-2) cells. <i>Journal of Functional Foods</i> , 2017 , 36, 429-439	5.1	25
85	Postnatal development of organic cation transport in the rat liver. <i>Pharmacological Research</i> , 1998 , 37, 131-6	10.2	24
84	Modulation of insulin transport in rat brain microvessel endothelial cells by an ecto-phosphatase activity. <i>Journal of Cellular Biochemistry</i> , 2002 , 84, 389-400	4.7	24

83	Differences between duodenal and jejunal rat alkaline phosphatase. <i>Clinical Biochemistry</i> , 2000 , 33, 571-3.5	3.5	24
82	An update on the extraneuronal monoamine transporter (EMT): characteristics, distribution and regulation. <i>Current Drug Metabolism</i> , 2003 , 4, 313-8	3.5	24
81	Modulation of butyrate transport in Caco-2 cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009 , 379, 325-36	3.4	23
80	The effect of oxidative stress upon the intestinal uptake of folic acid: in vitro studies with Caco-2 cells. <i>Cell Biology and Toxicology</i> , 2012 , 28, 369-81	7.4	22
79	Oxidative stress decreases uptake of neutral amino acids in a human placental cell line (BeWo cells). <i>Reproductive Toxicology</i> , 2013 , 40, 76-81	3.4	21
78	Progesterone inhibits folic acid transport in human trophoblasts. <i>Journal of Membrane Biology</i> , 2007 , 216, 143-52	2.3	21
77	Antimetabolic Effects of Polyphenols in Breast Cancer Cells: Focus on Glucose Uptake and Metabolism. <i>Frontiers in Nutrition</i> , 2018 , 5, 25	6.2	19
76	Characterization and modulation of glucose uptake in a human blood-brain barrier model. <i>Journal of Membrane Biology</i> , 2013 , 246, 669-77	2.3	19
75	Intestinal uptake of MPP+ is differently affected by red and white wine. <i>Life Sciences</i> , 2005 , 76, 2483-96	6.8	19
74	Regulation of [(3)H]MPP(+) transport by phosphorylation/dephosphorylation pathways in RBE4 cells: role of ecto-alkaline phosphatase. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002 , 365, 349-56	3.4	19
73	Uptake of 1-methyl-4-phenylpyridinium (MPP+) by the JAR human placental choriocarcinoma cell line: comparison with 5-hydroxytryptamine. <i>Placenta</i> , 2003 , 24, 361-9	3.4	19
72	Modulation of MPP+ uptake by tea and some of its components in Caco-2 cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2005 , 372, 147-52	3.4	19
71	The effect of oxidative stress upon the intestinal epithelial uptake of butyrate. <i>European Journal of Pharmacology</i> , 2013 , 699, 88-100	5.3	18
70	Xanthohumol impairs glucose uptake by a human first-trimester extravillous trophoblast cell line (HTR-8/SVneo cells) and impacts the process of placentation. <i>Molecular Human Reproduction</i> , 2015 , 21, 803-15	4.4	17
69	Effect of metformin on estrogen and progesterone receptor-positive (MCF-7) and triple-negative (MDA-MB-231) breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 102, 94-101	7.5	17
68	Inhibition of butyrate uptake by the primary bile salt chenodeoxycholic acid in intestinal epithelial cells. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 2937-47	4.7	17
67	The extraneuronal monoamine transporter exists in human central nervous system glia. <i>Advances in Pharmacology</i> , 1998 , 42, 356-9	5.7	17
66	The effect of dietary polyphenols on intestinal absorption of glucose and fructose: Relation with obesity and type 2 diabetes. <i>Food Reviews International</i> , 2019 , 35, 390-406	5.5	16

65	Magnetic Driven Nanocarriers for pH-Responsive Doxorubicin Release in Cancer Therapy. <i>Molecules</i> , 2020 , 25,	4.8	16
64	Estimation of the human intestinal permeability of butyltin species using the Caco-2 cell line model. <i>Food and Chemical Toxicology</i> , 2004 , 42, 1431-42	4.7	16
63	The effect of a series of organic cations upon the plasmalemmal serotonin transporter, SERT. <i>Life Sciences</i> , 2004 , 76, 103-19	6.8	16
62	A parallel increase in placental oxidative stress and antioxidant defenses occurs in pre-gestational type 1 but not gestational diabetes. <i>Placenta</i> , 2013 , 34, 1095-8	3.4	15
61	Characterization of rat heart alkaline phosphatase isoenzymes and modulation of activity. <i>Brazilian Journal of Medical and Biological Research</i> , 2008 , 41, 600-9	2.8	15
60	Effect of P-glycoprotein modulators on alkaline phosphatase activity in cultured rat hepatocytes. <i>Cellular Physiology and Biochemistry</i> , 2000 , 10, 195-202	3.9	15
59	Uptake of 3H-catecholamines by rat liver cells occurs mainly through a system which is distinct from uptake1 or uptake2. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1994 , 350, 130-5	3.4	15
58	Selective pro-apoptotic and antimigratory effects of polyphenol complex catechin:lysine 1:2 in breast, pancreatic and colorectal cancer cell lines. <i>European Journal of Pharmacology</i> , 2019 , 859, 172533 ^{5.3}	5.3	14
57	Oxidative stress induced by tert-butylhydroperoxide interferes with the placental transport of glucose: in vitro studies with BeWo cells. <i>European Journal of Pharmacology</i> , 2013 , 720, 218-226	5.3	14
56	Comparison of the transport characteristics of bioactive substances in IUGR and normal placentas. <i>Pediatric Research</i> , 2009 , 66, 495-500	3.2	14
55	Effect of red wine on the intestinal absorption of thiamine and folate in the rat: comparison with the effect of ethanol alone. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 664-71	3.7	14
54	A simple method for elimination of false positive results in RT-PCR. <i>BMB Reports</i> , 2002 , 35, 248-50	5.5	13
53	Chronic consumption of the dietary polyphenol chrysin attenuates metabolic disease in fructose-fed rats. <i>European Journal of Nutrition</i> , 2020 , 59, 151-165	5.2	13
52	Absorption of folate by Caco-2 cells is not affected by high glucose concentration. <i>European Journal of Pharmacology</i> , 2006 , 551, 19-26	5.3	11
51	Uptake of (3)H-1-methyl-4-phenylpyridinium ((3)H-MPP(+)) by human intestinal Caco-2 cells is regulated by phosphorylation/dephosphorylation mechanisms. <i>Biochemical Pharmacology</i> , 2002 , 63, 1565-73	6	11
50	Uptake and metabolism of 3H-adrenaline and 3H-noradrenaline by isolated hepatocytes and liver slices of the rat. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1993 , 348, 450-7	3.4	11
49	The effect of oxidative stress upon intestinal sugar transport: an study using human intestinal epithelial (Caco-2) cells. <i>Toxicology Research</i> , 2018 , 7, 1236-1246	2.6	11
48	Characterization of uptake of folates by rat and human blood-brain barrier endothelial cells. <i>BioFactors</i> , 2010 , 36, 201-9	6.1	10

47	Inhibition by levamisole of the organic cation transporter rOCT1 in cultured rat hepatocytes. <i>Pharmacological Research</i> , 1999 , 40, 275-9	10.2	10
46	Modulation of the uptake of critical nutrients by breast cancer cells by lactate: Impact on cell survival, proliferation and migration. <i>Experimental Cell Research</i> , 2016 , 341, 111-22	4.2	9
45	Uptake of [3H]-adrenaline by freshly isolated rat hepatocytes: putative involvement of P-glycoprotein. <i>Autonomic and Autacoid Pharmacology</i> , 1998 , 18, 57-64		9
44	Effect of bile duct obstruction on hepatic uptake of 1-methyl-4-phenylpyridinium in the rat. <i>Pharmacological Research</i> , 1998 , 37, 497-504	10.2	9
43	In vitro and in vivo effect of fluoxetine on the permeability of 3H-serotonin across rat intestine. <i>Canadian Journal of Physiology and Pharmacology</i> , 2004 , 82, 940-50	2.4	9
42	Modulation of uptake of organic cationic drugs in cultured human colon adenocarcinoma Caco-2 cells by an ecto-alkaline phosphatase activity. <i>Journal of Cellular Biochemistry</i> , 2002 , 87, 408-16	4.7	9
41	Superoxide dismutase partially prevents sympathetic denervation by 6-hydroxydopamine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1991 , 344, 36-40	3.4	9
40	Cherry stem infusions: antioxidant potential and phenolic profile by UHPLC-ESI-QTOF-MS. <i>Food and Function</i> , 2020 , 11, 3471-3482	6.1	8
39	Effect of chrysin on changes in intestinal environment and microbiome induced by fructose-feeding in rats. <i>Food and Function</i> , 2019 , 10, 4566-4576	6.1	8
38	The effect of folate status on the uptake of physiologically relevant compounds by Caco-2 cells. <i>European Journal of Pharmacology</i> , 2010 , 640, 29-37	5.3	8
37	Transport of [3H]MPP+ in an immortalized rat brain microvessel endothelial cell line (RBE 4). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001 , 363, 1-10	3.4	8
36	Inward transport of 3H-MPP+ in freshly isolated rat hepatocytes: evidence for interaction with catecholamines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996 , 354, 305-11	3.4	8
35	Extraneuronal uptake and O-methylation of 3H-adrenaline in the rabbit aorta. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1993 , 347, 363-70	3.4	8
34	The Role of EGCG in Breast Cancer Prevention and Therapy. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021 , 21, 883-898	3.2	8
33	Involvement of mTOR, JNK and PI3K in the negative effect of ethanol and metformin on the human first-trimester extravillous trophoblast HTR-8/SVneo cell line. <i>European Journal of Pharmacology</i> , 2018 , 833, 16-24	5.3	8
32	Estimate of the digestibility, assimilability and intestinal permeability of butyltins occurring in wine. <i>Food and Chemical Toxicology</i> , 2008 , 46, 767-73	4.7	7
31	Somatostatin inhibits the release of noradrenaline induced by electrical stimulation of the rat mesenteric artery. <i>Pharmacological Research</i> , 2000 , 41, 497-501	10.2	7
30	Characterization of the efflux of the organic cation MPP+ in cultured rat hepatocytes. <i>European Journal of Pharmacology</i> , 1999 , 379, 211-8	5.3	7

29	The in vitro effect of the diabetes-associated markers insulin, leptin and oxidative stress on cellular characteristics promoting breast cancer progression is GLUT1-dependent. <i>European Journal of Pharmacology</i> , 2021 , 898, 173980	5.3	7
28	Placentation-related processes in a human first-trimester extravillous trophoblast cell line (HTR-8/SVneo cells) are affected by several xenobiotics. <i>Drug and Chemical Toxicology</i> , 2019 , 42, 541-545 ²⁻³		7
27	Impact of culture media glucose levels on the intestinal uptake of organic cations. <i>Cytotechnology</i> , 2010 , 62, 23-9	2.2	6
26	Comparison of the effect of cyclic AMP on the content and release of dopamine and 1-methyl-4-phenylpyridinium (Mpp+) in PC12 cells. <i>Autonomic and Autacoid Pharmacology</i> , 2002 , 22, 277-89		6
25	Predominance of oxidative deamination in the metabolism of exogenous noradrenaline by the normal and chemically denervated human uterine artery. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1992 , 346, 286-93	3.4	6
24	The role of the glutamine transporter ASCT2 in antineoplastic therapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2021 , 87, 447-464	3.5	6
23	The effect of oxidative stress induced by tert-butylhydroperoxide under distinct folic acid conditions: An in vitro study using cultured human trophoblast-derived cells. <i>Reproductive Toxicology</i> , 2018 , 77, 33-42	3.4	5
22	The release of 3H-1-methyl-4-phenylpyridinium from bovine adrenal chromaffin cells is modulated by somatostatin. <i>Regulatory Peptides</i> , 2006 , 137, 107-13		5
21	Effect of P-glycoprotein modulators on the human extraneuronal monoamine transporter. <i>European Journal of Pharmacology</i> , 2001 , 422, 31-7	5.3	5
20	Effect of flavonoids in preclinical models of experimental obesity. <i>PharmaNutrition</i> , 2021 , 16, 100260	2.9	5
19	Nanostructured functionalized magnetic platforms for the sustained delivery of cisplatin: Synthesis, characterization and in vitro cytotoxicity evaluation. <i>Journal of Inorganic Biochemistry</i> , 2020 , 213, 111258	4.2	4
18	Perigestational high folic acid: impact on offspring's peripheral metabolic response. <i>Food and Function</i> , 2019 , 10, 7216-7226	6.1	4
17	Lack of effect of the procarcinogenic 17 β -estradiol on nutrient uptake by the MCF-7 breast cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 90, 287-294	7.5	3
16	Arachidonic Acid Reverses Xanthohumol-Induced Insufficiency in a Human First-Trimester Extravillous Trophoblast Cell Line (HTR-8/SVneo Cells). <i>Reproductive Sciences</i> , 2018 , 25, 1394-1405	3	3
15	The effect of high glucose on SERT, the human plasmalemmal serotonin transporter. <i>Nutritional Neuroscience</i> , 2008 , 11, 244-50	3.6	3
14	The fate of [3H]-(-)-noradrenaline in the perfused rat liver. <i>Autonomic and Autacoid Pharmacology</i> , 1995 , 15, 309-19		3
13	The pro-proliferative effect of interferon- γ in breast cancer cell lines is dependent on stimulation of ASCT2-mediated glutamine cellular uptake. <i>Life Sciences</i> , 2021 , 286, 120054	6.8	3
12	Interaction of Polyphenols with the Intestinal and Placental Absorption of some Nutrients and other Compounds 2014 , 523-536		2

11	Virulence, attachment and invasion of Caco-2 cells by multidrug-resistant bacteria isolated from wild animals. <i>Microbial Pathogenesis</i> , 2019 , 128, 230-235	3.8	2
10	Prevention by a somatostatin analogue of the hypertensive and cardiovascular structural changes induced by blockade of adenosine receptors. <i>Autonomic and Autacoid Pharmacology</i> , 1997 , 17, 243-7		1
9	PRELIMINARY BIOCHEMICAL STUDIES OF SOME β -SUBSTITUTED LYSINES. <i>Canadian Journal of Biochemistry and Physiology</i> , 1963 , 41, 2373-2375		1
8	The pro-proliferative effect of insulin in human breast epithelial DMBA-transformed and non-transformed cell lines is PI3K-, mTOR- and GLUT1-dependent.. <i>Cell Biochemistry and Function</i> , 2022 ,	4.2	1
7	Exploring : From Nutritional and Anti-Tumoral Properties to Phytosome Development Following Structural Arrangement Based on Molecular Docking. <i>Molecules</i> , 2021 , 26,	4.8	1
6	Intestinal fructose absorption: Modulation and relation to human diseases. <i>PharmaNutrition</i> , 2020 , 14, 100235	2.9	1
5	Interaction of Polyphenols With the Intestinal and Placental Absorption of Some Bioactive Compounds 2018 , 321-336		1
4	β-tocopherol prevents oxidative stress-induced proliferative dysfunction in first-trimester human placental (HTR-8/SVneo) cells.. <i>Reproductive Biology</i> , 2022 , 22, 100602	2.3	0
3	Inhibition of Glutamine Cellular Uptake Contributes to the Cytotoxic Effect of Xanthohumol in Triple-Negative Breast Cancer Cells.. <i>Nutrition and Cancer</i> , 2022 , 1-18	2.8	0
2	Catecholamine uptake and metabolism in the liver. <i>Advances in Pharmacology</i> , 1998 , 42, 350-2	5.7	
1	Effects of nebivolol stereoisomers on the action of adrenaline on blood pressure, heart rate and blood levels of noradrenaline and DOPEG. <i>Autonomic and Autacoid Pharmacology</i> , 1992 , 12, 429-35		