Joana M Planas

List of Publications by Year
in descending order

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62 papers	2,488 citations	236833 25 h-index	197736 49 g-index
62 all docs	62 docs citations	62 times ranked	3701 citing authors

#	Article	IF	Citations
1	The Daily Oral Administration of High Doses of trans-Resveratrol to Rats for 28 Days Is Not Harmful. Journal of Nutrition, 2002, 132, 257-260.	1.3	231
2	Resveratrol Induces Apoptosis through ROS-Dependent Mitochondria Pathway in HT-29 Human Colorectal Carcinoma Cells. Journal of Agricultural and Food Chemistry, 2008, 56, 4813-4818.	2.4	178
3	Quantification of trans-resveratrol and its metabolites in rat plasma and tissues by HPLC. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 391-398.	1.4	154
4	Heat stress increases apical glucose transport in the chicken jejunum. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R195-R201.	0.9	151
5	Antiproliferative and apoptosis-inducing effects of maslinic and oleanolic acids, two pentacyclic triterpenes from olives, on HT-29 colon cancer cells. British Journal of Nutrition, 2008, 100, 36-43.	1.2	142
6	trans-Resveratrol, a Natural Antioxidant from Grapes, Increases Sperm Output in Healthy Rats. Journal of Nutrition, 2005, 135, 757-760.	1.3	126
7	Maslinic Acid, a Natural Phytoalexin-Type Triterpene from Olives â€" A Promising Nutraceutical?. Molecules, 2014, 19, 11538-11559.	1.7	111
8	Olive Fruit Extracts Inhibit Proliferation and Induce Apoptosis in HT-29 Human Colon Cancer Cells. Journal of Nutrition, 2006, 136, 2553-2557.	1.3	100
9	The bioavailability and distribution of trans-resveratrol are constrained by ABC transporters. Archives of Biochemistry and Biophysics, 2012, 527, 67-73.	1.4	97
10	Colorectal cancer chemoprevention by trans-resveratrol. Pharmacological Research, 2012, 65, 584-591.	3.1	97
11	Determination oftrans-Resveratrol in Plasma by HPLC. Analytical Chemistry, 1999, 71, 747-750.	3.2	93
12	Multidrug Resistance Proteins Restrain the Intestinal Absorption of trans-Resveratrol in Rats. Journal of Nutrition, 2010, 140, 489-495.	1.3	69
13	Plasmatic levels of trans-resveratrol in rats. Food Research International, 2002, 35, 195-199.	2.9	63
14	Determination of Hydroxytyrosol in Plasma by HPLC. Analytical Chemistry, 2000, 72, 4458-4461.	3.2	56
15	<scp>d</scp>-Fagomine lowers postprandial blood glucose and modulates bacterial adhesion. British Journal of Nutrition, 2012, 107, 1739-1746.	1.2	56
16	Erythrodiol, a natural triterpenoid from olives, has antiproliferative and apoptotic activity in HTâ€29 human adenocarcinoma cells. Molecular Nutrition and Food Research, 2008, 52, 595-599.	1.5	55
17	Assessment of the safety of maslinic acid, a bioactive compound from <scp>O</scp>lea europaea<scp>L</scp>.. Molecular Nutrition and Food Research, 2013, 57, 339-346.	1.5	55
18	Involvement of Breast Cancer Resistance Protein (BCRP1/ABCG2) in the Bioavailability and Tissue Distribution of trans-Resveratrol in Knockout Mice. Journal of Agricultural and Food Chemistry, 2010, 58, 4523-4528.	2.4	45

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19	Population Pharmacokinetic Modeling of trans-Resveratrol and Its Glucuronide and Sulfate Conjugates After Oral and Intravenous Administration in Rats. Pharmaceutical Research, 2011, 28, 1606-1621.	1.7	41
20	trans-Resveratrol Reduces Precancerous Colonic Lesions in Dimethylhydrazine-Treated Rats. Journal of Agricultural and Food Chemistry, 2010, 58, 8104-8110.	2.4	34
21	Na-dependent D-Glucose Transport by Intestinal Brush Border Membrane Vesicles from Gilthead Sea Bream (Sparus aurata). Journal of Membrane Biology, 2004, 201, 85-96.	1.0	30
22	Determination of Dihydroresveratrol in Rat Plasma by HPLC. Journal of Agricultural and Food Chemistry, 2010, 58, 7472-7475.	2.4	30
23	Pentacyclic triterpene in Olea europaea L: A simultaneous determination by high-performance liquid chromatography coupled to mass spectrometry. Journal of Chromatography A, 2015, 1410, 68-75.	1.8	30
24	Hexose transport in the apical and basolateral membranes of enterocytes in chickens adapted to high and low NaCl intakes. Journal of Physiology, 1999, 514, 189-199.	1.3	25
25	Ontogenetic expression and regulation of Na+-d-glucose cotransporter in jejunum of domestic chicken. American Journal of Physiology - Renal Physiology, 2002, 282, G559-G564.	1.6	25
26	Spray-Dried Porcine Plasma Reduces the Effects of Staphylococcal Enterotoxin B on Glucose Transport in Rat Intestine. Journal of Nutrition, 2005, 135, 1653-1658.	1.3	24
27	Retinol-Binding Protein 4 and Peroxisome Proliferator-Activated Receptor-Î³ in Steatotic Liver Transplantation. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 143-153.	1.3	24
28	Table olive polyphenols: A simultaneous determination by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2020, 1609, 460434.	1.8	24
29	Determination of Maslinic Acid, a Pentacyclic Triterpene from Olives, in Rat Plasma by High-Performance Liquid Chromatography. Journal of Agricultural and Food Chemistry, 2012, 60, 10220-10225.	2.4	22
30	Aldosterone mediates the changes in hexose transport induced by low sodium intake in chicken distal intestine. Journal of Physiology, 2001, 535, 197-205.	1.3	21
31	Regulation of sodium-glucose cotransporter SGLT1 in the intestine of hypertensive rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R760-R767.	0.9	20
32	Population pharmacokinetics of maslinic acid, a triterpene from olives, after intravenous and oral administration in rats. Molecular Nutrition and Food Research, 2014, 58, 1970-1979.	1.5	20
33	Expression of Na+-d-glucose cotransporter in brush-border membrane of the chicken intestine. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R627-R631.	0.9	19
34	Regulation of SGLT1 expression in response to Na⁺ intake. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R738-R743.	0.9	17
35	Effects of Resalination on Intestinal Glucose Transport in Chickens Adapted to Low Na+ Intakes. Experimental Physiology, 2000, 85, 371-378.	0.9	15
36	Reduction of Preneoplastic Lesions Induced by 1,2-Dimethylhydrazine in Rat Colon by Maslinic Acid, a Pentacyclic Triterpene from Olea europaea L.. Molecules, 2019, 24, 1266.	1.7	15

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37	Identification in Rat Plasma and Urine by Linear Trap Quadrupoleâ€“Orbitrap Mass Spectrometry of the Metabolites of Maslinic Acid, a Triterpene from Olives. Journal of Agricultural and Food Chemistry, 2015, 63, 1126-1132.	2.4	14
38	Profiling of pentacyclic triterpenes and polyphenols by LC-MS in Arbequina and Empeltre table olives. LWT - Food Science and Technology, 2020, 126, 109310.	2.5	13
39	A sensitive liquid chromatography-mass spectrometry method for the simultaneous determination in plasma of pentacyclic triterpenes of Olea europaea L.. Food Chemistry, 2017, 229, 534-541.	4.2	12
40	Developmental study of alpha-methyl-D-glucoside and L-proline uptake in the small intestine of the White Leghorn chicken. Poultry Science, 1998, 77, 1347-1353.	1.5	11
41	Kinetic Characterization of Apical D-Fructose Transport in Chicken Jejunum. Journal of Membrane Biology, 2004, 197, 71-76.	1.0	11
42	Liquid chromatographyâ€“mass spectrometry determination in plasma of maslinic acid, a bioactive compound from Olea europaea L.. Food Chemistry, 2013, 141, 4375-4381.	4.2	11
43	Identification of gutâ€derived metabolites of maslinic acid, a bioactive compound from Olea europaea L. Molecular Nutrition and Food Research, 2016, 60, 2053-2064.	1.5	11
44	Kinetic constants of Î±-methyl-d-glucoside transport in the chick small intestine during perinatal development. Mechanisms of Ageing and Development, 1996, 92, 11-20.	2.2	10
45	Abnormalities in lipid composition of brush-border membranes isolated from renal cortex of spontaneously hypertensive rats. American Journal of Hypertension, 2001, 14, 578-584.	1.0	9
46	Sodium tungstate decreases sucrase and Na⁺/<scp>d</scp>-glucose cotransporter in the jejunum of diabetic rats. American Journal of Physiology - Renal Physiology, 2008, 295, G479-G484.	1.6	9
47	Ontogenic and regional changes in kinetic constants of Î±-methyl-d-glucoside transport in chicken small intestine. Biochemical Society Transactions, 1994, 22, 262S-262S.	1.6	8
48	Regional differences in transport, lipid composition, and fluidity of apical membranes of small intestine of chicken. Poultry Science, 2002, 81, 537-545.	1.5	7
49	Regulation of sugar transport in chicken enterocytes. Biochemical Society Transactions, 1993, 21, 479S-479S.	1.6	6
50	Ultrastructural and functional changes in the jejunal epithelium of spontaneously hypertensive rats. Life Sciences, 2001, 68, 2105-2113.	2.0	6
51	Regulation of D-Fructose Transporter GLUT5 in the Ileum of Spontaneously Hypertensive Rats. Journal of Membrane Biology, 2004, 199, 173-179.	1.0	6
52	Simultaneous Determination of Phenolic Compounds in Plasma by LC-ESI-MS/MS and Their Bioavailability after the Ingestion of Table Olives. Journal of Agricultural and Food Chemistry, 2020, 68, 10213-10222.	2.4	6
53	Table olive elicits antihypertensive activity in spontaneously hypertensive rats. Journal of the Science of Food and Agriculture, 2023, 103, 64-72.	1.7	6
54	Transport of Lâ€valine by the chicken caecum. British Poultry Science, 1997, 38, 307-310.	0.8	4

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55	Ontogenetic and regional changes in Î±-methyl-<scp>d</scp>-glucoside and<scp>l</scp>-proline intestinal transport in guinea pig. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R897-R904.	0.9	4
56	Effects of Resalination on Intestinal Glucose Transport in Chickens Adapted to Low Na+ Intakes. , 2000, 85, 371.		4
57	trans-Resveratrol oral administration does not affect the enzymatic activities in rat small intestine. Journal of Physiology and Biochemistry, 2002, 58, 59-60.	1.3	2
58	Cancer Chemopreventive Activity of Hydroxytyrosol. , 2010, , 1295-1300.		2
59	Cancer chemopreventive activity of maslinic acid, a pentacyclic triterpene from olives and olive oil. , 2021, , 525-535.		1
60	Olive Fruit Extracts and HT-29 Human Colon Cancer Cells. , 2010, , 1301-1310.		0
61	Adaptations in Avian Intestinal Absorptive Function in Response to Thermal Stress. Avian Biology Research, 2004, 15, 255-255.	1.3	0
62	PRACTICAL LABORATORY TEACHING OF THE â€œDIGESTIVE SYSTEMâ€•ADAPTED TO VIRTUALITY DURING THE PANDEMIC IN THE PHYSIOLOGY AND PHYSIOPATHOLOGY II SUBJECT AT THE PHARMACY DEGREE OF THE UNIVERSITY OF BARCELONA. INTED Proceedings, 2022, , .	0.0	0