

Alexandrine During

List of Publications by Year in descending order

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40
papers

2,517
citations

304602

22
h-index

345118

36
g-index

41
all docs

41
docs citations

41
times ranked

2925
citing authors

#	ARTICLE	IF	CITATIONS
1	Carotenoid Transport Is Decreased and Expression of the Lipid Transporters SR-BI, NPC1L1, and ABCA1 Is Downregulated in Caco-2 Cells Treated with Ezetimibe. <i>Journal of Nutrition</i> , 2005, 135, 2305-2312.	1.3	262
2	Carotenoid uptake and secretion by CaCo-2 cells: β -carotene isomer selectivity and carotenoid interactions. <i>Journal of Lipid Research</i> , 2002, 43, 1086-1095.	2.0	218
3	Dietary polyphenols can modulate the intestinal inflammatory response. <i>Nutrition Reviews</i> , 2009, 67, 363-378.	2.6	191
4	Lutein and Zeaxanthin Protect Photoreceptors from Apoptosis Induced by Oxidative Stress: Relation with Docosahexaenoic Acid. , 2007, 48, 5168.		154
5	Modulation of signalling nuclear factor- κ B activation pathway by polyphenols in human intestinal Caco-2 cells. <i>British Journal of Nutrition</i> , 2008, 100, 542-551.	1.2	149
6	Xanthophylls are preferentially taken up compared with β -carotene by retinal cells via a SRBI-dependent mechanism*. <i>Journal of Lipid Research</i> , 2008, 49, 1715-1724.	2.0	147
7	Expression and Characterization of a Murine Enzyme Able to Cleave β -Carotene. <i>Journal of Biological Chemistry</i> , 2001, 276, 32160-32168.	1.6	139
8	Intestinal absorption and metabolism of carotenoids: insights from cell culture. <i>Archives of Biochemistry and Biophysics</i> , 2004, 430, 77-88.	1.4	113
9	Mechanisms of provitamin A (carotenoid) and vitamin A (retinol) transport into and out of intestinal Caco-2 cells. <i>Journal of Lipid Research</i> , 2007, 48, 2283-2294.	2.0	106
10	Inhibition of inflammatory mediators by polyphenolic plant extracts in human intestinal Caco-2 cells. <i>Food and Chemical Toxicology</i> , 2009, 47, 1221-1230.	1.8	106
11	Stoichiometric Conversion of all trans- β -Carotene to Retinal by Pig Intestinal Extract. <i>Archives of Biochemistry and Biophysics</i> , 1996, 328, 57-63.	1.4	105
12	Understanding the local actions of lipids in bone physiology. <i>Progress in Lipid Research</i> , 2015, 59, 126-146.	5.3	94
13	Among Plant Lignans, Pinoresinol Has the Strongest Antiinflammatory Properties in Human Intestinal Caco-2 Cells ³ . <i>Journal of Nutrition</i> , 2012, 142, 1798-1805.	1.3	90
14	Assay of β -Carotene 15,15- ϵ -Dioxygenase Activity by Reverse-Phase High-Pressure Liquid Chromatography. <i>Analytical Biochemistry</i> , 1996, 241, 199-205.	1.1	86
15	Dimethyl sulfoxide (DMSO) attenuates the inflammatory response in the in vitro intestinal Caco-2 cell model. <i>Toxicology Letters</i> , 2011, 206, 268-275.	0.4	62
16	Anti-inflammatory effects of pomegranate (<i>Punica granatum</i> L.) husk ellagitannins in Caco-2 cells, an in vitro model of human intestine. <i>Food and Function</i> , 2012, 3, 875.	2.1	62
17	The O-methylation of chrysin markedly improves its intestinal anti-inflammatory properties: Structure-activity relationships of flavones. <i>Biochemical Pharmacology</i> , 2013, 86, 1739-1746.	2.0	62
18	β -Carotene 15,15- ϵ -Dioxygenase Activity and Cellular Retinol-Binding Protein Type II Level Are Enhanced by Dietary Unsaturated Triacylglycerols in Rat Intestines. <i>Journal of Nutrition</i> , 1998, 128, 1614-1619.	1.3	54

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19	Characterization of β -Carotene 15,15-Dioxygenase Activity in TC7 Clone of Human Intestinal Cell Line Caco-2. <i>Biochemical and Biophysical Research Communications</i> , 1998, 249, 467-474.	1.0	53
20	An in vitro model to study the intestinal absorption of carotenoids. <i>Food Research International</i> , 2005, 38, 1001-1008.	2.9	36
21	β -Carotene 15,15-Dioxygenase activity in human tissues and cells: evidence of an iron dependency. <i>Journal of Nutritional Biochemistry</i> , 2001, 12, 640-647.	1.9	35
22	Physio-pathological parameters affect the activation of inflammatory pathways by deoxynivalenol in Caco-2 cells. <i>Toxicology in Vitro</i> , 2010, 24, 1890-1898.	1.1	25
23	Intestinal β -carotene 15,15-dioxygenase activity is markedly enhanced in copper-deficient rats fed on high-iron diets and fructose. <i>British Journal of Nutrition</i> , 2000, 84, 117-124.	1.2	22
24	Doses effects of zoledronic acid on mineral apatite and collagen quality of newly-formed bone in the rat's calvaria defect. <i>Bone</i> , 2016, 89, 32-39.	1.4	22
25	Osteoporosis: A role for lipids. <i>Biochimie</i> , 2020, 178, 49-55.	1.3	18
26	Molecular alterations of bone quality in sequestrers of bisphosphonates-related osteonecrosis of the jaws. <i>Osteoporosis International</i> , 2014, 25, 747-756.	1.3	17
27	Bone Samples Extracted from Embalmed Subjects Are Not Appropriate for the Assessment of Bone Quality at the Molecular Level Using Raman Spectroscopy. <i>Analytical Chemistry</i> , 2016, 88, 2777-2783.	3.2	16
28	β -Carotene 15,15-Dioxygenase Activity is Responsive to Copper and Iron Concentrations in Rat Small Intestine. <i>Journal of the American College of Nutrition</i> , 1999, 18, 309-315.	1.1	15
29	Effects on Cholesterol Balance and LDL Cholesterol in the Rat of a Soft-Ripened Cheese Containing Vegetable Oils. <i>Journal of the American College of Nutrition</i> , 2000, 19, 458-466.	1.1	8
30	β -Carotene is incorporated or mobilized along with triglycerides in bovine adipose tissue in response to insulin or epinephrine. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2009, 93, 83-93.	1.0	8
31	Lipolysis and oxidative stability of soft ripened cheeses containing vegetable oils. <i>Journal of Dairy Research</i> , 2000, 67, 461-466.	0.7	7
32	Hesperidin increases intestinal β , β -carotene 15-15 mono-oxygenase 1 (BCMO1) activity in Mongolian gerbils (<i>Meriones unguiculatus</i>) fed with β -carotene-free diet. <i>Food Chemistry</i> , 2014, 159, 477-485.	4.2	7
33	Lipid determination in bone marrow and mineralized bone tissue: From sample preparation to improved high-performance thin-layer and liquid chromatographic approaches. <i>Journal of Chromatography A</i> , 2017, 1515, 232-244.	1.8	7
34	Long Term Ovariectomy-Induced Osteoporosis is Associated with High Stearoyl-CoA Desaturase Indexes in Rat Femur. <i>Calcified Tissue International</i> , 2020, 106, 315-324.	1.5	7
35	Digestion and Intestinal Absorption of Dietary Carotenoids and Vitamin A. , 2006, , 1735-1752.		4
36	The Use of Pomegranate (<i>Punica granatum L.</i>) Phenolic Compounds as Potential Natural Prevention Against IBDs. , 0, , .		4

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37	Intestinal beta-carotene 15,15'-dioxygenase activity is markedly enhanced in copper-deficient rats fed on high-iron diets and fructose. <i>British Journal of Nutrition</i> , 2000, 84, 117-24.	1.2	4
38	Seventh Meeting on Bone Quality 2012: Bone-Fat Interactions. <i>Osteoporosis International</i> , 2013, 24, 443-478.	1.3	1
39	Measurement of ^{14}C -Carotene 15,15'-Dioxygenase Activity by Reverse-Phase HPLC. , 2002, 186, 233-240.		0
40	EFFECT OF CITRUS FLAVANONES ON CAROTENOID UPTAKE BY INTESTINAL CACO-2 CELLS. <i>Acta Horticulturae</i> , 2014, , 63-67.	0.1	0