

Qing Jiang

List of Publications by Year in descending order

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58
papers

7,025
citations

136950

32
h-index

214800

47
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58
all docs

58
docs citations

58
times ranked

13184
citing authors

#	ARTICLE	IF	CITATIONS
1	Different forms of vitamin E and metabolite 13 α -carboxychromanols inhibit cyclooxygenase-1 and its catalyzed thromboxane in platelets, and tocotrienols and 13 α -carboxychromanols are competitive inhibitors of 5-lipoxygenase. <i>Journal of Nutritional Biochemistry</i> , 2022, 100, 108884.	4.2	10
2	Metabolism of natural forms of vitamin E and biological actions of vitamin E metabolites. <i>Free Radical Biology and Medicine</i> , 2022, 179, 375-387.	2.9	25
3	Gamma-tocopherol, a major form of vitamin E in diets: Insights into antioxidant and anti-inflammatory effects, mechanisms, and roles in disease management. <i>Free Radical Biology and Medicine</i> , 2022, 178, 347-359.	2.9	45
4	Vitamin E alpha- and gamma-tocopherol mitigate colitis, protect intestinal barrier function and modulate the gut microbiota in mice. <i>Free Radical Biology and Medicine</i> , 2021, 163, 180-189.	2.9	60
5	Roles of the Polyphenol-Gut Microbiota Interaction in Alleviating Colitis and Preventing Colitis-Associated Colorectal Cancer. <i>Advances in Nutrition</i> , 2021, 12, 546-565.	6.4	77
6	Vitamin E delta-tocotrienol and metabolite 13 α -carboxychromanol inhibit colitis-associated colon tumorigenesis and modulate gut microbiota in mice. <i>Journal of Nutritional Biochemistry</i> , 2021, 89, 108567.	4.2	32
7	Tocopherols and Tocotrienols Are Bioavailable in Rats and Primarily Excreted in Feces as the Intact Forms and 13 α -Carboxychromanol Metabolites. <i>Journal of Nutrition</i> , 2020, 150, 222-230.	2.9	11
8	Natural forms of vitamin E and metabolites regulation of cancer cell death and underlying mechanisms. <i>IUBMB Life</i> , 2019, 71, 495-506.	3.4	46
9	Vitamin E δ -tocotrienol inhibits TNF α -stimulated NF κ B activation by up-regulation of anti-inflammatory A20 via modulation of sphingolipid including elevation of intracellular dihydroceramides. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 101-109.	4.2	26
10	Gamma tocopherol-enriched supplement reduces sputum eosinophilia and endotoxin-induced sputum neutrophilia in volunteers with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1231-1238.e1.	2.9	43
11	Redox correlation in muscle lengthening and immune response in eccentric exercise. <i>PLoS ONE</i> , 2018, 13, e0208799.	2.5	4
12	Gamma-tocotrienol profoundly alters sphingolipids in cancer cells by inhibition of dihydroceramide desaturase and possibly activation of sphingolipid hydrolysis during prolonged treatment. <i>Journal of Nutritional Biochemistry</i> , 2017, 46, 49-56.	4.2	20
13	A short course of gamma-tocopherol mitigates LPS-induced inflammatory responses in humans <i>ex vivo</i> . <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1179-1181.e4.	2.9	21
14	Natural Forms of Vitamin E as Effective Agents for Cancer Prevention and Therapy. <i>Advances in Nutrition</i> , 2017, 8, 850-867.	6.4	97
15	Vitamin E metabolite 13 α -carboxychromanols inhibit pro-inflammatory enzymes, induce apoptosis and autophagy in human cancer cells by modulating sphingolipids and suppress colon tumor development in mice. <i>Free Radical Biology and Medicine</i> , 2016, 95, 190-199.	2.9	42
16	Vitamin E δ -Tocotrienol Inhibits Cytokine-Stimulated NF κ B Activation by Induction of Anti-Inflammatory A20 via Stress Adaptive Response Due to Modulation of Sphingolipids. <i>Journal of Immunology</i> , 2015, 195, 126-133.	0.8	65
17	Analysis of vitamin E metabolites including carboxychromanols and sulfated derivatives using LC/MS/MS. <i>Journal of Lipid Research</i> , 2015, 56, 2217-2225.	4.2	34
18	Gamma-tocotrienol inhibits cytokine-stimulated NF κ B activation by inducing A20 and modulating sphingolipids. <i>FASEB Journal</i> , 2015, 29, 607.19.	0.5	0

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19	Supplementation with $\hat{\Gamma}^3$ -tocopherol attenuates endotoxin-induced airway neutrophil and mucous cell responses in rats. <i>Free Radical Biology and Medicine</i> , 2014, 68, 101-109.	2.9	23
20	Natural forms of vitamin E: metabolism, antioxidant, and anti-inflammatory activities and their role in disease prevention and therapy. <i>Free Radical Biology and Medicine</i> , 2014, 72, 76-90.	2.9	647
21	Two Faces of Vitamin E in the Lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 841-842.	5.6	2
22	Lipodomic analysis reveals that $\hat{\Gamma}^3$ -tocotrienol exerts anticancer effects by inhibition of dihydroceramide desaturase and activation of sphingomyelin hydrolysis (260.6). <i>FASEB Journal</i> , 2014, 28, 260.6.	0.5	0
23	Vitamin E, $\hat{\Gamma}^3$ -tocopherol, reduces airway neutrophil recruitment after inhaled endotoxin challenge in rats and in healthy volunteers. <i>Free Radical Biology and Medicine</i> , 2013, 60, 56-62.	2.9	61
24	Gamma-tocopherol attenuates moderate but not severe colitis and suppresses moderate colitis-promoted colon tumorigenesis in mice. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1069-1077.	2.9	41
25	$\hat{\Gamma}^3$ -Tocotrienol inhibits lipopolysaccharide-induced interleukin-6 and granulocyte colony-stimulating factor by suppressing C/EBP $\hat{\Gamma}^2$ and NF- $\hat{\Gamma}^B$ in macrophages. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1146-1152.	4.2	45
26	13 $\hat{\Gamma}^2$ -Carboxychromanol, a long-chain metabolite of delta-tocopherol, has potent anti-cancer effects by interrupting de novo sphingolipid synthesis in human cancer cells. <i>FASEB Journal</i> , 2013, 27, 639.14.	0.5	0
27	Involvement of de novo ceramide synthesis in gamma-tocopherol and gamma-tocotrienol-induced apoptosis in human breast cancer cells. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1803-1811.	3.3	28
28	Vitamin E forms inhibit IL-13/STAT6-induced eotaxin-3 secretion by up-regulation of PAR4, an endogenous inhibitor of atypical PKC in human lung epithelial cells. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 602-608.	4.2	27
29	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
30	Gamma-tocotrienol induces apoptosis and autophagy in prostate cancer cells by increasing intracellular dihydrosphingosine and dihydroceramide. <i>International Journal of Cancer</i> , 2012, 130, 685-693.	5.1	102
31	The Role of Vitamin E Forms in Cancer Prevention and Therapy – Studies in Human Intervention Trials and Animal Models. , 2012, , 323-354.		5
32	Gamma-tocopherol but not mixed tocopherols attenuates moderate colon inflammation and inflammation-promoted colon tumorigenesis in mice. <i>FASEB Journal</i> , 2012, 26, 376.6.	0.5	0
33	Natural Forms of Vitamin E and 13 $\hat{\Gamma}^2$ -Carboxychromanol, a Long-Chain Vitamin E Metabolite, Inhibit Leukotriene Generation from Stimulated Neutrophils by Blocking Calcium Influx and Suppressing 5-Lipoxygenase Activity, Respectively. <i>Journal of Immunology</i> , 2011, 186, 1173-1179.	0.8	76
34	$\hat{\Gamma}^3$ -Tocotrienol inhibits IL-6 by suppression of C/EBP $\hat{\Gamma}^2$ expression and NF- $\hat{\Gamma}^B$ signaling in lipopolysaccharide-stimulated macrophages. <i>FASEB Journal</i> , 2011, 25, 1b178.	0.5	1
35	Natural Forms of Vitamin E and 13 $\hat{\Gamma}^2$ -Carboxychromanol, a Long-Chain Vitamin E Metabolite, Inhibit Leukotriene Generation from Stimulated Neutrophils by Blocking Calcium Influx and Suppressing 5-Lipoxygenase Activity, Respectively. <i>FASEB Journal</i> , 2011, 25, 1b179.	0.5	0
36	In vitro stable isotope labeling for discovery of novel metabolites by liquid chromatography-mass spectrometry: Confirmation of $\hat{\Gamma}^3$ -tocopherol metabolism in human A549 cell. <i>Journal of Chromatography A</i> , 2010, 1217, 667-675.	3.7	34

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37	$\hat{\Gamma}^3$ -Tocopherol Attenuates Ozone-induced Exacerbation of Allergic Rhinosinusitis in Rats. Toxicologic Pathology, 2009, 37, 481-491.	1.8	34
38	$\hat{\Gamma}^3$ -Tocotrienol and $\hat{\Gamma}^3$ -Tocopherol Are Primarily Metabolized to Conjugated 2-($\hat{\Gamma}^2$ -carboxyethyl)-6-Hydroxy-2,7,8-Trimethylchroman and Sulfated Long-Chain Carboxychromanols in Rats. Journal of Nutrition, 2009, 139, 884-889.	2.9	57
39	A combination of aspirin and $\hat{\Gamma}^3$ -tocopherol is superior to that of aspirin and $\hat{\Gamma}^{\pm}$ -tocopherol in anti-inflammatory action and attenuation of aspirin-induced adverse effects. Journal of Nutritional Biochemistry, 2009, 20, 894-900.	4.2	25
40	Optimization of the enzymatic hydrolysis and analysis of plasma conjugated $\hat{\Gamma}^3$ -CEHC and sulfated long-chain carboxychromanols, metabolites of vitamin E. Analytical Biochemistry, 2009, 388, 260-265.	2.4	32
41	Anti-inflammatory Actions and Mechanisms of $\hat{\Gamma}^3$ -Tocotrienol in Lipopolysaccharide-stimulated Macrophages. FASEB Journal, 2009, 23, 904.2.	0.5	0
42	In vivo $\hat{\Gamma}^3$ -tocopherol supplementation decreases systemic oxidative stress and cytokine responses of human monocytes in normal and asthmatic subjects. Free Radical Biology and Medicine, 2008, 45, 40-49.	2.9	76
43	Long-chain carboxychromanols, metabolites of vitamin E, are potent inhibitors of cyclooxygenases. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20464-20469.	7.1	159
44	Natural forms of vitamin E inhibited leukotriene B4 generation and 5-lipoxygenase translocation in Ca ²⁺ ionophore-activated human HL60 cells. FASEB Journal, 2008, 22, 1100.1.	0.5	1
45	Vitamin E forms inhibited IL-13-induced eotaxin secretion by blocking stat6 activation in human lung epithelial A549 cells. FASEB Journal, 2008, 22, 298.6.	0.5	0
46	Combination of aspirin and gamma-tocopherol is superior to aspirin alone in protection of carrageenan-induced inflammation in a rat model. FASEB Journal, 2008, 22, 445.5.	0.5	0
47	The Metabolism of Tocopherols and Tocotrienols and Novel Functions of Their Metabolites. , 2008, , 309-329.		0
48	Identification and quantitation of novel vitamin E metabolites, sulfated long-chain carboxychromanols, in human A549 cells and in rats. Journal of Lipid Research, 2007, 48, 1221-1230.	4.2	59
49	Anti-inflammatory properties of $\hat{\Gamma}^{\pm}$ - and $\hat{\Gamma}^3$ -tocopherol. Molecular Aspects of Medicine, 2007, 28, 668-691.	6.4	236
50	Ozone enhancement of lower airway allergic inflammation is prevented by $\hat{\Gamma}^3$ -tocopherol. Free Radical Biology and Medicine, 2007, 43, 1176-1188.	2.9	55
51	$\hat{\Gamma}^3$ -Tocopherol or combinations of vitamin E forms induce cell death in human prostate cancer cells by interrupting sphingolipid synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17825-17830.	7.1	185
52	$\hat{\Gamma}^3$ -Tocopherol Induces Apoptosis in Androgen-Responsive LNCaP Prostate Cancer Cells via Caspase-Dependent and Independent Mechanisms. Annals of the New York Academy of Sciences, 2004, 1031, 399-400.	3.8	43
53	Toxic Unbound Iron and Membrane Injury in b-Thalassemia and Sickle Cell Disease: Elevated Non-Transferrin Bound Iron (NTBI) and Malondialdehyde (MDA).. Blood, 2004, 104, 3608-3608.	1.4	0
54	5-Chlorouracil, a Marker of DNA Damage from Hypochlorous Acid during Inflammation. Journal of Biological Chemistry, 2003, 278, 32834-32840.	3.4	60

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55	$\hat{\alpha}$ -Tocopherol, but not $\hat{\beta}$ -tocopherol, decreases proinflammatory eicosanoids and inflammation damage in rats. <i>FASEB Journal</i> , 2003, 17, 816-822.	0.5	294
56	Analysis of plasma tocopherols $\hat{\alpha}$, $\hat{\beta}$, and 5-nitro- $\hat{\beta}$ in rats with inflammation by HPLC coulometric detection. <i>Journal of Lipid Research</i> , 2002, 43, 1978-1985.	4.2	43
57	$\hat{\beta}$ -tocopherol supplementation inhibits protein nitration and ascorbate oxidation in rats with inflammation. <i>Free Radical Biology and Medicine</i> , 2002, 33, 1534-1542.	2.9	116
58	$\hat{\beta}$ -Tocopherol, the major form of vitamin E in the US diet, deserves more attention. <i>American Journal of Clinical Nutrition</i> , 2001, 74, 714-722.	4.7	678