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 g-index
58 all docs	58 docs citations	58 times ranked	13184 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Î³-Tocopherol, the major form of vitamin E in the US diet, deserves more attention. American Journal of Clinical Nutrition, 2001, 74, 714-722.	4.7	678
3	Natural forms of vitamin E: metabolism, antioxidant, and anti-inflammatory activities and their role in disease prevention and therapy. Free Radical Biology and Medicine, 2014, 72, 76-90.	2.9	647
4	Î³â€Tocopherol, but not Î±â€tocopherol, decreases proinflammatory eicosanoids and inflammation damage in rats. FASEB Journal, 2003, 17, 816-822.	0.5	294
5	Anti-inflammatory properties of Î±- and Î³-tocopherol. Molecular Aspects of Medicine, 2007, 28, 668-691.	6.4	236
6	Â-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
7	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
8	Î³-tocopherol supplementation inhibits protein nitration and ascorbate oxidation in rats with inflammation. Free Radical Biology and Medicine, 2002, 33, 1534-1542.	2.9	116
9	Gammaâ€tocotrienol induces apoptosis and autophagy in prostate cancer cells by increasing intracellular dihydrosphingosine and dihydroceramide. International Journal of Cancer, 2012, 130, 685-693.	5.1	102
10	Natural Forms of Vitamin E as Effective Agents for Cancer Prevention and Therapy. Advances in Nutrition, 2017, 8, 850-867.	6.4	97
11	Roles of the Polyphenolâ€“Gut Microbiota Interaction in Alleviating Colitis and Preventing Colitis-Associated Colorectal Cancer. Advances in Nutrition, 2021, 12, 546-565.	6.4	77
12	In vivo Î³-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
13	Natural Forms of Vitamin E and 13â€²-Carboxychromanol, a Long-Chain Vitamin E Metabolite, Inhibit Leukotriene Generation from Stimulated Neutrophils by Blocking Calcium Influx and Suppressing 5-Lipoxygenase Activity, Respectively. Journal of Immunology, 2011, 186, 1173-1179.	0.8	76
14	Vitamin E Î³-Tocotrienol Inhibits Cytokine-Stimulated NF-ÎºB Activation by Induction of Anti-Inflammatory A20 via Stress Adaptive Response Due to Modulation of Sphingolipids. Journal of Immunology, 2015, 195, 126-133.	0.8	65
15	Vitamin E, Î³-tocopherol, reduces airway neutrophil recruitment after inhaled endotoxin challenge in rats and in healthy volunteers. Free Radical Biology and Medicine, 2013, 60, 56-62.	2.9	61
16	5-Chlorouracil, a Marker of DNA Damage from Hypochlorous Acid during Inflammation. Journal of Biological Chemistry, 2003, 278, 32834-32840.	3.4	60
17	Vitamin E alpha- and gamma-tocopherol mitigate colitis, protect intestinal barrier function and modulate the gut microbiota in mice. Free Radical Biology and Medicine, 2021, 163, 180-189.	2.9	60
18	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

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19	Î³-Tocotrienol and Î³-Tocopherol Are Primarily Metabolized to Conjugated 2-(Î²-carboxyethyl)-6-Hydroxy-2,7,8-Trimethylchroman and Sulfated Long-Chain Carboxychromanols in Rats. Journal of Nutrition, 2009, 139, 884-889.	2.9	57
20	Ozone enhancement of lower airway allergic inflammation is prevented by Î³-tocopherol. Free Radical Biology and Medicine, 2007, 43, 1176-1188.	2.9	55
21	Natural forms of vitamin E and metabolitesâ€"regulation of cancer cell death and underlying mechanisms. IUBMB Life, 2019, 71, 495-506.	3.4	46
22	Î³-Tocotrienol inhibits lipopolysaccharide-induced interlukin-6 and granulocyte colony-stimulating factor by suppressing C/EBPÎ² and NF-ÎºB in macrophages. Journal of Nutritional Biochemistry, 2013, 24, 1146-1152.	4.2	45
23	Gamma-tocopherol, a major form of vitamin E in diets: Insights into antioxidant and anti-inflammatory effects, mechanisms, and roles in disease management. Free Radical Biology and Medicine, 2022, 178, 347-359.	2.9	45
24	Analysis of plasma tocopherols Î±, Î³, and 5-nitro-Î³ in rats with inflammation by HPLC coulometric detection. Journal of Lipid Research, 2002, 43, 1978-1985.	4.2	43
25	Î³-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
26	Gamma tocopherol-enriched supplement reduces sputum eosinophilia and endotoxin-induced sputum neutrophilia in volunteers with asthma. Journal of Allergy and Clinical Immunology, 2018, 141, 1231-1238.e1.	2.9	43
27	Vitamin E metabolite 13â€²-carboxychromanols inhibit pro-inflammatory enzymes, induce apoptosis and autophagy in human cancer cells by modulating sphingolipids and suppress colon tumor development in mice. Free Radical Biology and Medicine, 2016, 95, 190-199.	2.9	42
28	Gamma-tocopherol attenuates moderate but not severe colitis and suppresses moderate colitis-promoted colon tumorigenesis in mice. Free Radical Biology and Medicine, 2013, 65, 1069-1077.	2.9	41
29	Î³-Tocopherol Attenuates Ozone-induced Exacerbation of Allergic Rhinosinusitis in Rats. Toxicologic Pathology, 2009, 37, 481-491.	1.8	34
30	In vitro stable isotope labeling for discovery of novel metabolites by liquid chromatographyâ€"mass spectrometry: Confirmation of Î³-tocopherol metabolism in human A549 cell. Journal of Chromatography A, 2010, 1217, 667-675.	3.7	34
31	Analysis of vitamin E metabolites including carboxychromanols and sulfated derivatives using LC/MS/MS. Journal of Lipid Research, 2015, 56, 2217-2225.	4.2	34
32	Optimization of the enzymatic hydrolysis and analysis of plasma conjugated Î³-CEHC and sulfated long-chain carboxychromanols, metabolites of vitamin E. Analytical Biochemistry, 2009, 388, 260-265.	2.4	32
33	Vitamin E delta-tocotrienol and metabolite 13â€™-carboxychromanol inhibit colitis-associated colon tumorigenesis and modulate gut microbiota in mice. Journal of Nutritional Biochemistry, 2021, 89, 108567.	4.2	32
34	Involvement of de novo ceramide synthesis in gammaâ€tocopherol and gammaâ€tocotrienolâ€induced apoptosis in human breast cancer cells. Molecular Nutrition and Food Research, 2012, 56, 1803-1811.	3.3	28
35	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. Journal of Nutritional Biochemistry, 2012, 23, 602-608.	4.2	27
36	Vitamin E Î´-tocotrienol inhibits TNF-Î±-stimulated NF-ÎºB activation by up-regulation of anti-inflammatory A20 via modulation of sphingolipid including elevation of intracellular dihydroceramides. Journal of Nutritional Biochemistry, 2019, 64, 101-109.	4.2	26

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37	A combination of aspirin and Î³-tocopherol is superior to that of aspirin and Î±-tocopherol in anti-inflammatory action and attenuation of aspirin-induced adverse effects. Journal of Nutritional Biochemistry, 2009, 20, 894-900.	4.2	25
38	Metabolism of natural forms of vitamin E and biological actions of vitamin E metabolites. Free Radical Biology and Medicine, 2022, 179, 375-387.	2.9	25
39	Supplementation with Î³-tocopherol attenuates endotoxin-induced airway neutrophil and mucous cell responses in rats. Free Radical Biology and Medicine, 2014, 68, 101-109.	2.9	23
40	A short course of gamma-tocopherol mitigates LPS-induced inflammatory responses in humans exÂvivo. Journal of Allergy and Clinical Immunology, 2017, 140, 1179-1181.e4.	2.9	21
41	Gamma-tocotrienol profoundly alters sphingolipids in cancer cells by inhibition of dihydroceramide desaturase and possibly activation of sphingolipid hydrolysis during prolonged treatment. Journal of Nutritional Biochemistry, 2017, 46, 49-56.	4.2	20
42	Tocopherols and Tocotrienols Are Bioavailable in Rats and Primarily Excreted in Feces as the Intact Forms and 13'-Carboxychromanol Metabolites. Journal of Nutrition, 2020, 150, 222-230.	2.9	11
43	Different forms of vitamin E and metabolite 13â€™-carboxychromanols inhibit cyclooxygenase-1 and its catalyzed thromboxane in platelets, and tocotrienols and 13â€™-carboxychromanols are competitive inhibitors of 5-lipoxygenase. Journal of Nutritional Biochemistry, 2022, 100, 108884.	4.2	10
44	The Role of Vitamin E Forms in Cancer Prevention and Therapy â€“ Studies in Human Intervention Trials and Animal Models. , 2012, , 323-354.		5
45	Redox correlation in muscle lengthening and immune response in eccentric exercise. PLoS ONE, 2018, 13, e0208799.	2.5	4
46	Two Faces of Vitamin E in the Lung. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 841-842.	5.6	2
47	Natural forms of vitamin E inhibited leukotriene B4 generation and 5â€lipoxygenase translocation in Ca2+ ionophoreâ€activated human HLâ€60 cells. FASEB Journal, 2008, 22, 1100.1.	0.5	1
48	Î³â€Tocotrienol inhibits ILâ€6 by suppression of C/EBPÎ² expression and NFâ€ºB signaling in lipopolysaccharideâ€stimulated macrophages. FASEB Journal, 2011, 25, lb178.	0.5	1
49	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
50	Vitamin E forms inhibited ILâ€13â€induced eotaxin secretion by blocking stat6 activation in human lung epithelial A549 cells. FASEB Journal, 2008, 22, 298.6.	0.5	0
51	Combination of aspirin and gammaâ€tocopherol is superior to aspirin alone in protection of carrageenanâ€induced inflammation in a rat model. FASEB Journal, 2008, 22, 445.5.	0.5	0
52	The Metabolism of Tocopherols and Tocotrienols and Novel Functions of Their Metabolites. , 2008, , 309-329.		0
53	Antiâ€inflammatory Actions and Mechanisms of Î³â€Tocotrienol in Lipopolysaccharideâ€stimulated Macrophages. FASEB Journal, 2009, 23, 904.2.	0.5	0
54	Natural Forms of Vitamin E and 13â–¡Â'â€Carboxychromanol, a Longâ€Chain Vitamin E Metabolite, Inhibit Leukotriene Generation from Stimulated Neutrophils by Blocking Calcium Influx and Suppressing 5â€Lipoxygenase Activity, Respectively. FASEB Journal, 2011, 25, lb179.	0.5	0

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55	Gammaâ€tocopherol but not mixed tocopherols attenuates moderate colon inflammation and inflammationâ€promoted colon tumorigenesis in mice. FASEB Journal, 2012, 26, 376.6.	0.5	0
56	13â€²â€Carboxychromanol, a longâ€chain metabolite of deltaâ€tocopherol, has potent antiâ€cancer effects by interrupting de novo sphingolipid synthesis in human cancer cells. FASEB Journal, 2013, 27, 639.14.	0.5	0
57	Lipodomic analysis reveals that gammaâ€tocotrienol exerts anticancer effects by inhibition of dihydroceramide desaturase and activation of sphingomyelin hydrolysis (260.6). FASEB Journal, 2014, 28, 260.6.	0.5	0
58	Gammaâ€tocotrienol inhibits cytokineâ€stimulated NFâ€kB activation by inducing A20 and modulating sphingolipids. FASEB Journal, 2015, 29, 607.19.	0.5	0