

# Kyung-Jin Yeum

## List of Publications by Year in descending order

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92  
papers

4,065  
citations

136740

32  
h-index

118652

62  
g-index

96  
all docs

96  
docs citations

96  
times ranked

5519  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of nutrition and hygiene education program on healthy eating habits and behavior of the elderly in Chungbuk. <i>Journal of Nutrition and Health</i> , 2022, 55, 390.	0.2	1
2	Oat ( <i>Avena sativa</i> ) Extract against Oxidative Stress-Induced Apoptosis in Human Keratinocytes. <i>Molecules</i> , 2021, 26, 5564.	1.7	5
3	Growth and Carotenoid Contents of Intercropped Vegetables in Building-Integrated Urban Agriculture. <i>Journal of Food Quality</i> , 2021, 2021, 1-9.	1.4	1
4	Black rice with giant embryo ameliorates serum C-reactive protein in adults with metabolic syndrome. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020, 67, 344-348.	0.6	3
5	Chicken consumption and insulin resistance in non-diabetic older adults. <i>Journal of Nutrition and Health</i> , 2020, 53, 356.	0.2	0
6	Enhanced Antioxidant Activity of Bioactives in Colored Grains by Nano-Carriers in Human Lens Epithelial Cells. <i>Molecules</i> , 2018, 23, 1327.	1.7	8
7	Black soybeans protect human keratinocytes from oxidative stress-induced cell death. <i>Food Science and Nutrition</i> , 2018, 6, 2423-2430.	1.5	14
8	Isotopic labelling for the characterisation of HNE-sequestering agents in plant-based extracts and its application for the identification of anthocyanidins in black rice with giant embryo. <i>Free Radical Research</i> , 2018, 52, 896-906.	1.5	7
9	Fat Mass Is Associated with Serum 25-Hydroxyvitamin D Concentration Regardless of Body Size in Men. <i>Nutrients</i> , 2018, 10, 850.	1.7	9
10	Implications of red <i>Panax ginseng</i> in oxidative stress associated chronic diseases. <i>Journal of Ginseng Research</i> , 2017, 41, 113-119.	3.0	66
11	Dietary Anthocyanins against Obesity and Inflammation. <i>Nutrients</i> , 2017, 9, 1089.	1.7	227
12	Peanut butter increases the bioavailability and bioconversion of kale $\beta$ -carotene to vitamin A. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2017, 26, 1039-1047.	0.3	6
13	Dietary Calcium Intake May Contribute to the HOMA-IR Score in Korean Females with Vitamin D Deficiency (2008-2012 Korea National Health and Nutrition Examination Survey). <i>Journal of Obesity and Metabolic Syndrome</i> , 2017, 26, 274-280.	1.5	4
14	Identification of Enzymatic Cleavage Products of $\beta$ -Carotene-Rich Extracts of Kale and Biofortified Maize. <i>International Journal for Vitamin and Nutrition Research</i> , 2017, 87, 279-286.	0.6	1
15	Milk Consumption and Framingham Risk Score: Analysis of the Korea National Health and Nutrition Examination Survey Data (2008-2011). <i>Yonsei Medical Journal</i> , 2016, 57, 197.	0.9	5
16	Impact of Geographic Location on Vitamin D Status and Bone Mineral Density. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 184.	1.2	39
17	Targeting Reactive Carbonyl Species with Natural Sequestering Agents. <i>Molecules</i> , 2016, 21, 280.	1.7	22
18	Cut-off values of blood mercury concentration in relation to increased body mass index and waist circumference in Koreans. <i>Journal of Investigative Medicine</i> , 2016, 64, 867-871.	0.7	9

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19	Antidiapogenic Activity of $\gamma$ -Oryzanol and Its Stability in Pigmented Rice. <i>Journal of Medicinal Food</i> , 2016, 19, 710-715.	0.8	14
20	Black Rice with Giant Embryo Attenuates Obesity-Associated Metabolic Disorders in ob/ob Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2492-2497.	2.4	21
21	Dietary Calcium and Framingham Risk Score in Vitamin D Deficient Male (KNHANES 2009-2011). <i>Yonsei Medical Journal</i> , 2015, 56, 845.	0.9	8
22	Vitamin A Intake, Serum Vitamin D and Bone Mineral Density: Analysis of the Korea National Health and Nutrition Examination Survey (KNHANES, 2008-2011). <i>Nutrients</i> , 2015, 7, 1716-1727.	1.7	20
23	Impact of Volatile Anesthetics on Oxidative Stress and Inflammation. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	85
24	Isoflurane and Propofol Contribute to Increasing the Antioxidant Status of Patients During Minor Elective Surgery. <i>Medicine (United States)</i> , 2015, 94, e1266.	0.4	26
25	Blood Mercury Can Be a Factor of Elevated Serum Ferritin: Analysis of Korea National Health and Nutrition Examination Survey (KNHANES 2008-2012). <i>Biological Trace Element Research</i> , 2015, 164, 3-7.	1.9	1
26	Bioactives in Commonly Consumed Cereal Grains: Implications for Oxidative Stress and Inflammation. <i>Journal of Medicinal Food</i> , 2015, 18, 1179-1186.	0.8	20
27	Elevated serum ferritin and mercury concentrations are associated with hypertension; analysis of the fourth and fifth Korea national health and nutrition examination survey (KNHANES IV-2, 3, 2008-2009) <i>TJ ETQq1 1 0.784314 88BT /Ov</i>	0.7	17
28	Biological functions of histidine-dipeptides and metabolic syndrome. <i>Nutrition Research and Practice</i> , 2014, 8, 3.	0.7	45
29	Bioavailability of plant pigment phytochemicals in <i>Angelica keiskei</i> in older adults: A pilot absorption kinetic study. <i>Nutrition Research and Practice</i> , 2014, 8, 550.	0.7	9
30	Fat-Soluble Bioactive Components in Colored Rice Varieties. <i>Journal of Medicinal Food</i> , 2014, 17, 1134-1141.	0.8	20
31	A novel high resolution MS approach for the screening of 4-hydroxy-trans-2-nonenal sequestering agents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 108-118.	1.4	17
32	Novel molecular approaches for improving enzymatic and nonenzymatic detoxification of 4-hydroxynonenal: toward the discovery of a novel class of bioactive compounds. <i>Free Radical Biology and Medicine</i> , 2014, 69, 145-156.	1.3	36
33	Balanced anesthesia with sevoflurane does not alter redox status in patients undergoing surgical procedures. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 773, 29-33.	0.9	19
34	Interactive effects of mechanical ventilation, inhaled nitric oxide and oxidative stress in acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2014, 190, 118-123.	0.7	8
35	Biological Functions of Plant Pigment Phytochemicals in Humans. , 2014, , 4023-4045.		3
36	Peanut butter increases kale $\beta$ -carotene absorption and conversion to vitamin A in pre-school children (LB417). <i>FASEB Journal</i> , 2014, 28, LB417.	0.2	1

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37	Impact of calcium and vitamin D insufficiencies on serum parathyroid hormone and bone mineral density: Analysis of the fourth and fifth Korea National Health and Nutrition Examination Survey (KNHANES IV-3, 2009 and KNHANES V-1, 2010). <i>Journal of Bone and Mineral Research</i> , 2013, 28, 764-770.	3.1	72
38	Lycopene supplementation modulates plasma concentrations and epididymal adipose tissue mRNA of leptin, resistin and IL-6 in diet-induced obese rats. <i>British Journal of Nutrition</i> , 2013, 110, 1803-1809.	1.2	83
39	25-Hydroxyvitamin D, Calcium Intake, and Bone Mineral Content in Adolescents and Young Adults: Analysis of the Fourth and Fifth Korea National Health and Nutrition Examination Survey (KNHANES) Tj ETQq1 1 0.784314 rg87 /Over	1.0	17
40	Î³-Oryzanol inhibits the adipogenesis of adipose-derived human mesenchymal stem cells. <i>FASEB Journal</i> , 2013, 27, lb246.	0.2	0
41	Tomato lycopene supplementation modulates leptin, resistin and IL-6 levels in diet-induced obese rats. <i>FASEB Journal</i> , 2013, 27, lb243.	0.2	0
42	Bioactive micronutrients in rice varieties and their extraction efficiency. <i>FASEB Journal</i> , 2013, 27, 1079.37.	0.2	0
43	Effect of storage temperature on the stability of fat-soluble micronutrients in rice varieties. <i>FASEB Journal</i> , 2013, 27, 1079.41.	0.2	0
44	Effects of Inhaled Nitric Oxide on Oxidative Stress and Histopathological and Inflammatory Lung Injury in a Saline-Lavaged Rabbit Model of Acute Lung Injury. <i>Respiratory Care</i> , 2012, 57, 273-281.	0.8	16
45	Retinoids, Carotenoids, and Tocopherols in Breast Adipose Tissue and Serum of Benign Breast Disease and Breast Cancer Patients. <i>Nutrition and Cancer</i> , 2012, 64, 956-963.	0.9	17
46	Biomarkers for oxidative stress in acute lung injury induced in rabbits submitted to different strategies of mechanical ventilation. <i>Journal of Applied Physiology</i> , 2012, 112, 1184-1190.	1.2	16
47	Carotenoids and total phenolic contents in plant foods commonly consumed in Korea. <i>Nutrition Research and Practice</i> , 2012, 6, 481.	0.7	29
48	The carbonyl scavenger carnosine ameliorates dyslipidaemia and renal function in Zucker obese rats. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1339-1354.	1.6	159
49	An integrated high resolution mass spectrometric and informatics approach for the rapid identification of phenolics in plant extract. <i>Journal of Chromatography A</i> , 2011, 1218, 2856-2864.	1.8	31
50	Pharmacological dose of Î±-tocopherol induces cardiotoxicity in Wistar rats determined by echocardiography and histology. <i>Human and Experimental Toxicology</i> , 2011, 30, 1540-1548.	1.1	7
51	High-frequency oscillatory ventilation attenuates oxidative lung injury in a rabbit model of acute lung injury. <i>Experimental Biology and Medicine</i> , 2011, 236, 1188-1196.	1.1	18
52	Time-course of doxorubicin-induced cardiotoxicity in rats. Morphological study. <i>FASEB Journal</i> , 2011, 25, 975.13.	0.2	0
53	Lutein and zeaxanthin supplementation reduces H <sub>2</sub> O <sub>2</sub> -induced oxidative damage in human lens epithelial cells. <i>Molecular Vision</i> , 2011, 17, 3180-90.	1.1	80
54	Profiling histidine dipeptides in plasma and urine after ingesting beef, chicken or chicken broth in humans. <i>Amino Acids</i> , 2010, 38, 847-858.	1.2	75

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55	Supplementation with lutein or lutein plus green tea extracts does not change oxidative stress in adequately nourished older adults. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 544-549.	1.9	24
56	Composition and stability of phytochemicals in five varieties of black soybeans ( <i>Glycine max</i> ). <i>Food Chemistry</i> , 2010, 123, 1176-1184.	4.2	51
57	Chronic and acute effects of walnuts on antioxidant capacity and nutritional status in humans: a randomized, cross-over pilot study. <i>Nutrition Journal</i> , 2010, 9, 21.	1.5	71
58	Pharmacological Dose of alpha-tocopherol Induces Cardiotoxicity in Wistar Rats Determined by Echocardiography and Histology. <i>FASEB Journal</i> , 2010, 24, 927.11.	0.2	0
59	Total Antioxidant Performance Is Associated with Diet and Serum Antioxidants in Participants of the Diet and Physical Activity Substudy of the Jackson Heart Study. <i>Journal of Nutrition</i> , 2009, 139, 1964-1971.	1.3	24
60	Synergistic interactions of antioxidant nutrients in a biological model system. <i>Nutrition</i> , 2009, 25, 839-846.	1.1	65
61	Plasma levels of retinoids, carotenoids and tocopherols in patients with mild obstructive sleep apnoea. <i>Respirology</i> , 2009, 14, 1134-1142.	1.3	13
62	Hemoglobin glutathionylation can occur through cysteine sulfenic acid intermediate: Electrospray ionization LTQ-Orbitrap hybrid mass spectrometry studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3456-3461.	1.2	27
63	A fluorometric assay to determine antioxidant activity of both hydrophilic and lipophilic components in plant foods. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 219-226.	1.9	24
64	Characterisation, extraction efficiency, stability and antioxidant activity of phytonutrients in <i>Angelica keiskei</i> . <i>Food Chemistry</i> , 2009, 115, 227-232.	4.2	33
65	Antioxidant/Pro-oxidant Actions of Carotenoids. , 2009, , 235-268.		35
66	English walnuts ( <i>Juglans regia</i> L.) protect endogenous antioxidants in humans. <i>FASEB Journal</i> , 2009, 23, .	0.2	0
67	Determination of 9-cis $\beta$ -carotene and $\gamma$ -carotene in biological samples. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 612-618.	1.9	10
68	Determination of Carotenoids in Yellow Maize, the Effects of Saponification and Food Preparations. <i>International Journal for Vitamin and Nutrition Research</i> , 2008, 78, 112-120.	0.6	62
69	The effects of combined antioxidant ( $\beta$ -carotene, $\alpha$ -tocopherol and ascorbic acid) supplementation on antioxidant capacity, DNA single-strand breaks and levels of insulin-like growth factor-1/IGF-binding protein 3 in the ferret model of lung cancer. <i>International Journal of Cancer</i> , 2007, 120, 1847-1854.	2.3	36
70	Phytonutrients affecting hydrophilic and lipophilic antioxidant activities in fruits, vegetables and legumes. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 1096-1107.	1.7	45
71	Doxorubicin as an antioxidant: Maintenance of myocardial levels of lycopene under doxorubicin treatment. <i>Free Radical Biology and Medicine</i> , 2007, 43, 740-751.	1.3	30
72	Effect of Doxorubicin on Myocardial Concentration of Lycopene and its Metabolism in Wistar rats. <i>FASEB Journal</i> , 2007, 21, A350.	0.2	0

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73	Antioxidative Effects of Carotenoids. Basic and Clinical Dermatology, 2007, , 271-290.	0.1	0
74	Modification of lymphocyte DNA damage by carotenoid supplementation in postmenopausal women. American Journal of Clinical Nutrition, 2006, 83, 163-169.	2.2	123
75	Total antioxidant performance: A validated fluorescence assay for the measurement of plasma oxidizability. Analytical Biochemistry, 2006, 354, 290-298.	1.1	60
76	Plasma antioxidant capacity in response to diets high in soy or animal protein with or without isoflavones. American Journal of Clinical Nutrition, 2005, 81, 43-49.	2.2	63
77	Effect of Feeding and Then Depleting a High Fruit and Vegetable Diet on Oxidizability in Human Serum. , 2005, , .		3
78	Enzymatic and oxidative metabolites of lycopene. Journal of Nutritional Biochemistry, 2004, 15, 493-502.	1.9	34
79	Biomarkers of antioxidant capacity in the hydrophilic and lipophilic compartments of human plasma. Archives of Biochemistry and Biophysics, 2004, 430, 97-103.	1.4	192
80	Enzymatic and oxidative metabolites of lycopene. Supported in part by a grant from BASF, by Fundacao para o Desenvolvimento da Unesp, FUNDUNESP, Sao Paulo, SP, Brazil under a contract number 111/2000-DFP, and by the U.S. Department of Agriculture, under agreement No. 581950-9-001. Any opinions, findings, conclusion, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Dept of Agriculture.. Journal of Nutritional Biochemistry, 2003, 14, 531-540.	1.9	33
81	( $\alpha^{\bullet}$ )-Epigallocatechin-(3)-gallate prevents oxidative damage in both the aqueous and lipid compartments of human plasma. Biochemical and Biophysical Research Communications, 2003, 302, 409-414.	1.0	31
82	Carotenoid radical interactions. Biochemical and Biophysical Research Communications, 2003, 305, 754-760.	1.0	215
83	The Activities of Antioxidant Nutrients in Human Plasma Depend on the Localization of Attacking Radical Species. Journal of Nutrition, 2003, 133, 2688-2691.	1.3	59
84	CAROTENOID BIOAVAILABILITY AND BIOCONVERSION. Annual Review of Nutrition, 2002, 22, 483-504.	4.3	481
85	A method to measure the oxidizability of both the aqueous and lipid compartments of plasma. Free Radical Biology and Medicine, 2001, 31, 1043-1050.	1.3	99
86	Relation among serum and tissue concentrations of lutein and zeaxanthin and macular pigment density. American Journal of Clinical Nutrition, 2000, 71, 1555-1562.	2.2	274
87	Tissue Distribution of Lycopene in Ferrets and Rats after Lycopene Supplementation. Journal of Nutrition, 2000, 130, 1256-1260.	1.3	56
88	The effect of $\alpha$ -tocopherol on the oxidative cleavage of $\beta$ -carotene. Free Radical Biology and Medicine, 2000, 29, 105-114.	1.3	59
89	Fat-soluble nutrient concentrations in different layers of human cataractous lens. Current Eye Research, 1999, 19, 502-505.	0.7	103
90	Relationship of Plasma Carotenoids, Retinol and Tocopherols in Mothers and Newborn Infants. Journal of the American College of Nutrition, 1998, 17, 442-447.	1.1	90

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91	Correlation between Carotenoid Concentrations in Serum and Normal Breast Adipose Tissue of Women with Benign Breast Tumor or Breast Cancer. <i>Journal of Nutrition</i> , 1998, 128, 1920-1926.	1.3	76
92	Postprandial Plasma Carotenoid Responses Following Consumption of Strawberries, Red Wine, Vitamin C or Spinach by Elderly Women. <i>Journal of Nutrition</i> , 1998, 128, 2391-2394.	1.3	25