

# CITATION REPORT

List of articles citing

## Carotenoid content of fruits and vegetables: an evaluation of analytic data

DOI: 10.1016/0002-8223(93)91553-3

Journal of the American Dietetic Association, 1993, 93, 284-96

**Source:** <https://exaly.com/paper-pdf/24049889/citation-report.pdf>

**Version:** 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
691	Separation, identification, and quantification of carotenoids in fruits, vegetables and human plasma by high performance liquid chromatography. <b>1991</b> , 63, 71-80		195
690	The development and application of a carotenoid database for fruits, vegetables, and selected multicomponent foods. <i>Journal of the American Dietetic Association</i> , <b>1993</b> , 93, 318-23		203
689	Assessment of carotenoid intakes in humans. <b>1993</b> , 691, 68-75		3
688	Future directions in food composition studies. <b>1994</b> , 124, 1783S-1788S		16
687	Relationship between dietary intake and plasma concentrations of carotenoids in premenopausal women: application of the USDA-NCI carotenoid food-composition database. <b>1994</b> , 60, 223-30		94
686	Changes in serum carotenoids in subjects with colorectal adenomas after 24 mo of beta-carotene supplementation. Australian Polyp Prevention Project Investigators. <b>1994</b> , 60, 936-43		62
685	Defining food components as new nutrients. <b>1994</b> , 124, 1789S-1792S		52
684	Dietary Carotenoids, Vitamins A, C, and E, and Advanced Age-Related Macular Degeneration. <b>1994</b> , 272, 1413		697
683	All that glitters is not beta carotene. <b>1994</b> , 272, 1455-6		2
682	Pharmacokinetics of beta-carotene and canthaxanthin after ingestion of individual and combined doses by human subjects. <b>1994</b> , 13, 665-71		77
681	Tomatoes and risk of digestive-tract cancers. <b>1994</b> , 59, 181-4		258
680	HEALTHFULNESS AND NUTRITIONAL QUALITY OF FRESH VERSUS PROCESSED FRUITS AND VEGETABLES: A REVIEW1. <b>1994</b> , 8, 1-45		6
679	Revision of dietary analysis software for the Health Habits and History Questionnaire. <b>1994</b> , 139, 1190-6		232
678	Skin lycopene is destroyed preferentially over beta-carotene during ultraviolet irradiation in humans. <b>1995</b> , 125, 1854-9		141
677	Epidemiologic Characteristics of Prostate Cancer. <b>1995</b> , 75, 1766-1777		72
676	An ecological study of diet and lung cancer in the South Pacific. <b>1995</b> , 63, 18-23		54
675	The University of Minnesota Cancer Prevention Research Unit vegetable and fruit classification scheme (United States). <b>1995</b> , 6, 292-302		69

674	Development and evaluation of an HPLC method for the analysis of carotenoids in foods, and the measurement of the carotenoid content of vegetables and fruits commonly consumed in the UK. <b>1995</b> , 54, 101-111		567
673	Sucrose polyester and plasma carotenoid concentrations in healthy subjects. <b>1995</b> , 62, 591-7		84
672	Relation between beta-carotene intake and plasma and adipose tissue concentrations of carotenoids and retinoids. <b>1995</b> , 62, 598-603		55
671	Influence of combined antioxidant nutrient intakes on their plasma concentrations in an elderly population. <b>1995</b> , 62, 1228-33		25
670	Food sampling strategies for energy intake estimates. <b>1995</b> , 62, 1151S-1157S		8
669	Effect of alcohol consumption on plasma carotenoid concentrations in premenopausal women: a controlled dietary study. <b>1995</b> , 62, 131-5		79
668	Concentrations and plasma-tissue-diet relationships of carotenoids, retinoids, and tocopherols in humans. <i>Nutrition and Cancer</i> , <b>1995</b> , 23, 233-46	2.8	118
667	Prostate cancer in relation to diet, physical activity, and body size in blacks, whites, and Asians in the United States and Canada. <b>1995</b> , 87, 652-61		516
666	Seasonal Variation in Circulating Carotenoid Pigments in the House Finch. <b>1995</b> , 112, 1057-1061		41
665	Some nutritional characteristics of beans, sweet corn and peas (raw, canned and frozen) produced in the province of Quebec. <b>1995</b> , 28, 253-259		18
664	beta-Cryptoxanthin selectively increases in human chylomicrons upon ingestion of tangerine concentrate rich in beta-cryptoxanthin esters. <b>1995</b> , 324, 385-90		96
663	Intake of carotenoids and retinol in relation to risk of prostate cancer. <b>1995</b> , 87, 1767-76		1064
662	Scavenging of nitrogen dioxide, thiyl, and sulfonyl free radicals by the nutritional antioxidant beta-carotene. <b>1996</b> , 271, 3988-94		161
661	How is individual risk for prostate cancer assessed?. <b>1996</b> , 10, 537-48		12
660	Meat consumption and risk of lung cancer; a case-control study from Uruguay. <b>1996</b> , 14, 195-205		51
659	Fruit Juice Carotenol Fatty Acid Esters and Carotenoids As Identified by Matrix-Assisted Laser Desorption Ionization (MALDI) Mass Spectrometry. <b>1996</b> , 44, 2006-2013		50
658	Plasma antioxidant concentrations in a population of elderly women: Findings from the nun study. <b>1996</b> , 16, 1881-1890		8
657	Redness as a measure of the production cost of ornamental coloration. <b>1996</b> , 8, 157-175		117

656	The fluctuation of plasma carotenoid concentrations by phase of the menstrual cycle: a controlled diet study. <b>1996</b> , 64, 559-65		41
655	Expert systems for the evaluation of data quality for establishing the Recommended Dietary Allowances. <b>1996</b> , 126, 2329S-2336S		3
654	Relation of vegetable, fruit, and grain consumption to colorectal adenomatous polyps. <b>1996</b> , 144, 1015-25		143
653	Human plasma carotenoid response to the ingestion of controlled diets high in fruits and vegetables. <b>1996</b> , 64, 594-602		313
652	[Daily intake of carotenoids (carotenes and xanthophylls) from total diet and the carotenoid content of selected vegetables and fruit]. <b>1996</b> , 35, 45-50		15
651	Update on the biological characteristics of the antioxidant micronutrients: vitamin C, vitamin E, and the carotenoids. <i>Journal of the American Dietetic Association</i> , <b>1996</b> , 96, 693-702; quiz 703-4		223
650	Influence of using different sources of carotenoid data in epidemiologic studies. <i>Journal of the American Dietetic Association</i> , <b>1996</b> , 96, 1271-5		47
649	Meat, fat and risk of breast cancer: a case-control study from Uruguay. <b>1996</b> , 65, 328-31		69
648	Nutrition and lung cancer. <b>1996</b> , 7, 157-77		275
647	Dietary intake and the risk of malignant mesothelioma. <b>1996</b> , 73, 1122-5		23
646	Importance of alpha-carotene, beta-carotene, and other phytochemicals in the etiology of lung cancer. <b>1996</b> , 88, 612-5		137
645	Specific and total carotenoid intakes among oral contraceptive and estrogen hormone users in the United States. <b>1996</b> , 15, 608-13		3
644	Vegetables, fruits, and risk of colorectal cancer: a case-control study from Uruguay. <i>Nutrition and Cancer</i> , <b>1996</b> , 25, 297-304	2.8	36
643	Carotenoid values of selected plant foods common to Southern Burkina Faso, West Africa. <b>1996</b> , 35, 43-58		19
642	Carotenoids, vitamins C and E, and mortality in an elderly population. <b>1996</b> , 144, 501-11		163
641	Antioxidants and reduced functional capacity in the elderly: findings from the Nun Study. <b>1996</b> , 51, M10-6		29
640	Dietary energy and nutrients in relation to preclinical prostate cancer. <i>Nutrition and Cancer</i> , <b>1997</b> , 29, 120-6	2.8	62
639	Variability in the intercomparison of food carotenoid content data: a user's point of view. <b>1997</b> , 37, 621-33		27

638	Influence of dietary levels of fat, cholesterol, and calcium on colorectal cancer. <i>Nutrition and Cancer</i> , <b>1997</b> , 29, 83-9	2.8	34
637	Relationship of alcohol use, physical activity and dietary habits with serum carotenoids, retinol and alpha-tocopherol among male Japanese smokers. <b>1997</b> , 26, 307-14		23
636	Induction of HL-60 cell differentiation by carotenoids. <i>Nutrition and Cancer</i> , <b>1997</b> , 27, 169-73	2.8	28
635	beta-Carotene in breast milk and serum is increased after a single beta-carotene dose. <b>1997</b> , 66, 52-61		64
634	Determinants of risk of spontaneous abortions in the first trimester of pregnancy. <b>1997</b> , 8, 681-3		12
633	Dietary fiber and risk of breast cancer: a case-control study in Uruguay. <i>Nutrition and Cancer</i> , <b>1997</b> , 28, 14-9	2.8	38
632	The potential role of lycopene for human health. <b>1997</b> , 16, 109-26		342
631	Application of a Validated Method for the Determination of Provitamin A Carotenoids in Indonesian Foods of Different Maturity and Origin. <b>1997</b> , 45, 1174-1179		68
630	Antioxidant defense: vitamins E and C and carotenoids. <b>1997</b> , 46 Suppl 2, S14-8		127
629	Processing of fruit and vegetables: effect on carotenoids. <b>1997</b> , 97, 58-65		42
628	Quantification of cis-trans Isomers of Provitamin A Carotenoids in Fresh and Processed Fruits and Vegetables. <b>1997</b> , 45, 3728-3732		190
627	Evaluation of carrot varieties for production of deep fried carrot chips. Carotenoids. <b>1997</b> , 30, 73-81		34
626	Food carotenoids and cancer prevention: An overview of current research. <b>1997</b> , 8, 406-413		150
625	Beta-carotene and human health: A review of current research. <b>1997</b> , 17, 547-580		89
624	Evidence of a role for fat-free body mass in modulation of plasma carotenoid concentrations in older men: studies with hydrodensitometry. <b>1997</b> , 127, 321-6		15
623	Contribution of epidemiology to understanding relations of diet to age-related cataract. <b>1997</b> , 66, 739-40		15
622	Treatment of herpes simplex gingivostomatitis with aciclovir in children: a randomised double blind placebo controlled study. <b>1997</b> , 314, 1800-3		109
621	Indexes of food and nutrient intakes as predictors of serum concentrations of nutrients: the problem of inadequate discriminant validity. The Polyp Prevention Trial Study Group. <b>1997</b> , 65, 1269S-1274S		17

620	The impact of lifestyle characteristics on carotenoid intake in the United States: the 1987 National Health Interview Survey. <b>1997</b> , 87, 268-71	28
619	Evaluation of the potential for olestra to affect the availability of dietary phytochemicals. <b>1997</b> , 127, 1699S-1709S	73
618	Dietary intake and plasma concentrations of vitamin E, vitamin C, and beta carotene in patients with coronary artery disease. <i>Journal of the American Dietetic Association</i> , <b>1997</b> , 97, 655-7	5
617	Changes in carotenoid intake in the United States: the 1987 and 1992 National Health Interview Surveys. <i>Journal of the American Dietetic Association</i> , <b>1997</b> , 97, 991-6	62
616	Phytochemicals: guardians of our health. <i>Journal of the American Dietetic Association</i> , <b>1997</b> , 97, S199-204	201
615	Carotenoids: biology and treatment. <b>1997</b> , 75, 185-97	190
614	Diet and the prevention of cancer. <b>1997</b> , 16, 357-76	12
613	Dietary fat and lung cancer: a case-control study in Uruguay. <b>1997</b> , 8, 913-21	27
612	[Flavonoid intake of adults in a Bavarian subgroup of the national food consumption survey]. <b>1997</b> , 36, 403-12	39
611	Intestinal absorption and tissue distribution of carotenoids. <b>1997</b> , 8, 364-377	252
610	Simultaneous measurement of seven carotenoids, retinol and alpha-tocopherol in serum by high-performance liquid chromatography. <b>1997</b> , 694, 71-81	75
609	Evaluation and validation of an LC method for the analysis of carotenoids in vegetables and fruit. <b>1997</b> , 59, 599-603	64
608	Carotinoid- und Retinolgehalt in Hühnereiern. <b>1997</b> , 99, 365-368	2
607	Supercritical fluid carbon dioxide extraction of $\beta$ - and $\alpha$ -carotene from carrot ( <i>Daucus carota</i> L.). <b>1997</b> , 8, 244-246	25
606	Use of high-precision gas isotope ratio mass spectrometry to determine natural abundance $^{13}\text{C}$ in lutein isolated from C3 and C4 plant sources. <b>1998</b> , 800, 51-8	13
605	Semi-quantification of carotenoids by high-performance liquid chromatography: saponification-induced losses in fatty foods. <b>1998</b> , 829, 393-399	33
604	Relationships of serum carotenoids, retinol, alpha-tocopherol, and selenium with breast cancer risk: results from a prospective study in Columbia, Missouri (United States). <b>1998</b> , 9, 89-97	153
603	[Carotenoid intake in the German National Food Consumption Survey]. <b>1998</b> , 37, 319-27	30

602	Sucrose as a risk factor for cancer of the colon and rectum: a case-control study in Uruguay. <b>1998</b> , 75, 40-4			13
601	Cruciferous vegetables in relation to renal cell carcinoma. <b>1998</b> , 77, 211-6			77
600	Dietary factors and risk of lung cancer in never-smokers. <b>1998</b> , 78, 430-6			54
599	Analysis of carotenoids with emphasis on 9-cis $\beta$ -carotene in vegetables and fruits commonly consumed in Israel. <b>1998</b> , 62, 515-520			134
598	Effect of carotenoids on cytotoxicity of T-2 toxin on chicken hepatocytes in vitro. <b>1998</b> , 12, 133-9			17
597	Interaction of peroxynitrite with carotenoids and tocopherols within low density lipoprotein. <b>1998</b> , 423, 297-301			56
596	Consumption of tea and coffee and the risk of lung cancer in cigarette-smoking men: a case-control study in Uruguay. <b>1998</b> , 19, 101-7			59
595	Phytosterols and risk of lung cancer: a case-control study in Uruguay. <b>1998</b> , 21, 37-45			58
594	Lycopene: antioxidant and biological effects and its bioavailability in the human. <b>1998</b> , 218, 121-4			111
593	Nutrient content of tomatoes and tomato products. <b>1998</b> , 218, 98-100			186
592	Dietary sugar and lung cancer: a case-control study in Uruguay. <i>Nutrition and Cancer</i> , <b>1998</b> , 31, 132-7	2.8	20	
591	Xanthophyll esters in human skin. <b>1998</b> , 355, 271-4			93
590	Functional food science and defence against reactive oxidative species. <b>1998</b> , 80 Suppl 1, S77-112			515
589	Fruits and vegetables that are sources for lutein and zeaxanthin: the macular pigment in human eyes. <b>1998</b> , 82, 907-10			333
588	Minnesota's Nutrition Coordinating Center Uses Mathematical Optimization to Estimate Food Nutrient Values. <b>1998</b> , 28, 86-99			12
587	Prospective case-cohort study of intestinal colonization with enterococci that produce extracellular superoxide and the risk for colorectal adenomas or cancer. <b>1998</b> , 93, 2491-500			29
586	Tomatoes, lycopene, and prostate cancer. <b>1998</b> , 218, 129-39			77
585	Diet, nutrition, and prostate cancer. <b>1998</b> , 18, 413-40			130

584	Antioxidant vitamin supplementation and lipid peroxidation in smokers. <b>1998</b> , 68, 319-27	91
583	Fortified foods contribute one half of recommended vitamin A intake in poor urban Guatemalan toddlers. <b>1998</b> , 128, 860-4	29
582	Beta - caroteno e cãncer. <b>1998</b> , 11, 99-115	4
581	Kinetics of the response of milk and serum beta-carotene to daily beta-carotene supplementation in healthy, lactating women. <b>1998</b> , 67, 276-83	39
580	Plasma carotenoids are biomarkers of long-term high vegetable intake in women with breast cancer. <b>1999</b> , 129, 2258-63	61
579	Demographic, dietary and lifestyle factors differentially explain variability in serum carotenoids and fat-soluble vitamins: baseline results from the sentinel site of the Olestra Post-Marketing Surveillance Study. <b>1999</b> , 129, 855-64	87
578	Carotenoid intakes, assessed by dietary questionnaire, are associated with plasma carotenoid concentrations in an elderly population. <b>1999</b> , 129, 438-45	115
577	Carotenoids in human buccal mucosa cells after 4 wk of supplementation with tomato juice or lycopene supplements. <b>1999</b> , 70, 490-4	53
576	A prospective study of carotenoid intake and risk of cataract extraction in US men. <b>1999</b> , 70, 517-24	256
575	Dietary carotenoids and vitamins A, C, and E and risk of breast cancer. <b>1999</b> , 91, 547-56	308
574	The identification of dipalmityl zeaxanthin as the major carotenoid in Gou Qi Zi by high pressure liquid chromatography and mass spectrometry. <b>1999</b> , 15, 557-65	17
573	The content of zeaxanthin in Gou Qi Zi , a potential health benefit to improve visual acuity. <b>1999</b> , 67, 173-176	27
572	PACKAGING PRESERVATION OF B-CAROTENE IN SWEET POTATO FLAKES USING FLEXIBLE FILM AND AN OXYGEN ABSORBER. <b>1999</b> , 22, 63-73	20
571	Carotenoids in young and elderly healthy humans: dietary intakes, biochemical status and diet-plasma relationships. <b>1999</b> , 53, 644-53	42
570	Foods, nutrients and prostate cancer: a case-control study in Uruguay. <b>1999</b> , 80, 591-7	126
569	Diet and risk for breast cancer recurrence and survival. <b>1999</b> , 53, 241-53	110
568	Prospective study of smoking, antioxidant intake, and lung cancer in middle-aged women (USA). <b>1999</b> , 10, 475-82	96
567	Carotenoid Content of U.S. Foods: An Update of the Database. <b>1999</b> , 12, 169-196	390



566	Antioxidant composition and activity of barley ( <i>Hordeum vulgare</i> ) and malt extracts and of isolated phenolic compounds. <b>1999</b> , 79, 1625-1634		338
565	Isoflavones in retail and institutional soy foods. <b>1999</b> , 47, 2697-704		266
564	Role of lycopene as antioxidant carotenoid in the prevention of chronic diseases: A review. <b>1999</b> , 19, 305-323		465
563	Carotenoids. <b>1999</b> , 183-202		8
562	Effect of lycopene on lipid peroxidation and glutathione-dependent enzymes induced by T-2 toxin in vivo. <b>1999</b> , 109, 1-10		89
561	Vegetables, fruits, and related nutrients and risk of breast cancer: a case-control study in Uruguay. <i>Nutrition and Cancer</i> , <b>1999</b> , 35, 111-9	2.8	137
560	Carotene, tocopherol, and ascorbate contents in subspecies of <i>Brassica oleracea</i> . <b>1999</b> , 47, 1576-81		212
559	Development of substituted fatty acid food composition table for the use in nutritional epidemiologic studies for Japanese populations: its methodological backgrounds and the evaluation. <b>1999</b> , 9, 190-207		47
558	Interaction of carotenoids and tocopherols with peroxyxynitrite. <b>1999</b> , 301, 319-32		13
557	Some dietary fibers reduce the absorption of carotenoids in women. <b>1999</b> , 129, 2170-6		175
556	CAROTENOIDS: MODES OF ACTION AND BIOAVAILABILITY OF LYCOPENE IN THE HUMAN. <b>1999</b> , 221-225		1
555	Lutein and zeaxanthin concentrations in plasma after dietary supplementation with egg yolk. <b>1999</b> , 70, 247-51		210
554	A prospective study of carotenoid and vitamin A intakes and risk of cataract extraction in US women. <b>1999</b> , 70, 509-16		218
553	Influence of feeding different vegetables on plasma levels of carotenoids, folate and vitamin C. Effect of disruption of the vegetable matrix. <b>1999</b> , 82, 203-212		116
552	Modulation of human T-lymphocyte functions by the consumption of carotenoid-rich vegetables. <b>1999</b> , 82, 383-9		85
551	Effects of dietary antioxidants on the immune function of middle-aged adults. <b>1999</b> , 58, 79-84		88
550	Sources, Properties and Nutraceutical Potential of Lycopene. <b>2000</b> , 3, 9-23		2
549	Nutritional factors and endometrial cancer in Ontario, Canada. <b>2000</b> , 7, 288-96		71

548	Amount of fat in the diet affects bioavailability of lutein esters but not of alpha-carotene, beta-carotene, and vitamin E in humans. <b>2000</b> , 71, 1187-93	206
547	Dietary carotenoids and risk of gastric cancer: a case-control study in Uruguay. <b>2000</b> , 9, 329-34	47
546	Invited commentary: tomatoes, lycopene, and prostate cancer. How strong is the evidence?. <b>2000</b> , 151, 124-7; discussion 128-30	32
545	Evaluation of the Southwest Food Frequency Questionnaire. <b>2000</b> , 38, 515-547	18
544	Underutilized carotenoid-rich Crops of Vietnam. <b>2000</b> , 21, 173-181	45
543	The potential for the improvement of carotenoid levels in foods and the likely systemic effects. <b>2000</b> , 80, 880-912	366
542	An Application of Criteria to Evaluate Quality of Dietary Fibre Data in Brazilian Foods. <b>2000</b> , 13, 455-473	8
541	An Informatics Approach to Flavonoid Database Development. <b>2000</b> , 13, 441-454	15
540	Treatment of age-related macular degeneration. <b>2000</b> , 12, 15-35	9
539	The Role of Lutein in Disease Prevention. <b>2000</b> , 3, 289-296	11
538	Tomatoes, tomato-rich foods, lycopene and cancer of the upper aerodigestive tract: a case-control in Uruguay. <b>2000</b> , 36, 47-53	50
537	The role of nutrients in the prevention of cervical dysplasia and cancer. <b>2000</b> , 16, 570-3	24
536	Alcohol and breast cancer mortality in a cohort study. <b>2000</b> , 64, 201-9	36
535	A multicenter case-control study of diet and lung cancer among non-smokers. <b>2000</b> , 11, 49-58	94
534	A cohort study of nutritional factors and endometrial cancer. <b>2000</b> , 16, 899-905	93
533	Diet in the epidemiology of endometrial cancer in western New York (United States). <b>2000</b> , 11, 965-74	114
532	Change in carotenoids and antioxidant vitamins in tomato as a function of varietal and technological factors. <b>2000</b> , 48, 2075-81	322
531	Ellagic acid content in berries: Influence of domestic processing and storage. <b>2000</b> , 212, 75-80	131

530	Variability of the conversion of beta-carotene to vitamin A in women measured by using a double-tracer study design. <b>2000</b> , 71, 1545-54		66
529	Intake of specific carotenoids and risk of lung cancer in 2 prospective US cohorts. <b>2000</b> , 72, 990-7		243
528	Olestra consumption does not predict serum concentrations of carotenoids and fat-soluble vitamins in free-living humans: early results from the sentinel site of the olestra post-marketing surveillance study. <b>2000</b> , 130, 1711-8		24
527	Olestra consumption is not associated with macular pigment optical density in a cross-sectional volunteer sample in Indianapolis. <b>2000</b> , 130, 642-7		16
526	Carotenoids and chronic diseases. <b>2000</b> , 17, 189-210		97
525	Validation of three food frequency questionnaires and 24-hour recalls with serum carotenoid levels in a sample of African-American adults. <b>2000</b> , 152, 1072-80		185
524	Calibration of the dietary questionnaire for a multiethnic cohort in Hawaii and Los Angeles. <b>2000</b> , 151, 358-70		287
523	Correlates of serum lycopene in older women. <i>Nutrition and Cancer</i> , <b>2000</b> , 36, 163-9	2.8	25
522	Dietary folate consumption and breast cancer risk. <b>2000</b> , 92, 266-9		177
521	Dietary habits and cardiovascular risk in the Spanish population: the DRECE study (II) micronutrient intake. <i>Dieta y Riesgo de Enfermedades Cardiovasculares en España</i> . <b>2000</b> , 44, 177-82		5
520	The Role of Lycopene in Health and Disease. <b>2000</b> , 3, 35-43		10
519	Workplace exposures and oesophageal cancer. <b>2000</b> , 57, 325-34		33
518	Measurement of dietary intake in the UNC Alumni Heart Study. University of North Carolina. <b>2000</b> , 31, 56-67		9
517	Lycopene in tomatoes: chemical and physical properties affected by food processing. <b>2000</b> , 40, 1-42		480
516	Correlations of individual plasma carotenoid concentrations in free-living older adults. <b>2000</b> , 20, 955-965		1
515	Increased fruit and vegetable consumption within the EU: potential health benefits. <b>2000</b> , 33, 211-217		73
514	The role of oxidative stress in the pathogenesis of age-related macular degeneration. <b>2000</b> , 45, 115-34		1538
513	Antioxidant activity and general fruit characteristics in different ecotypes of Corbarini small tomatoes. <b>2000</b> , 48, 1363-6		54

512	Vegetables, fruits, related dietary antioxidants, and risk of squamous cell carcinoma of the esophagus: a case-control study in Uruguay. <i>Nutrition and Cancer</i> , <b>2000</b> , 38, 23-9	2.8	45
511	Lycopene in tomatoes: chemical and physical properties affected by food processing. <b>2000</b> , 20, 293-334		255
510	Relationship between classic risk factors, plasma antioxidants and indicators of oxidant stress in angina pectoris (AP) in Tehran. <b>2000</b> , 150, 403-12		24
509	Processing effects on lycopene content and antioxidant activity of tomatoes. <b>2001</b> , 49, 3713-7		190
508	Application of the method of triads to evaluate the performance of food frequency questionnaires and biomarkers as indicators of long-term dietary intake. <b>2001</b> , 154, 1126-35		187
507	Lutein and zeaxanthin in the diet and serum and their relation to age-related maculopathy in the third national health and nutrition examination survey. <b>2001</b> , 153, 424-32		228
506	Suplementa de vitaminas na preven de cncer. <b>2001</b> , 14, 135-143		11
505	The future of phytochemical databases. <b>2001</b> , 74, 4-5		9
504	A European carotenoid database to assess carotenoid intakes and its use in a five-country comparative study. <b>2001</b> , 85, 499-507		290
503	Low serum lycopene concentration is associated with an excess incidence of acute coronary events and stroke: the Kuopio Ischaemic Heart Disease Risk Factor Study. <b>2001</b> , 85, 749-54		127
502	A brief dietary assessment instrument for assessing target foods, nutrients and eating patterns. <b>2001</b> , 4, 73-8		18
501	Development and validation of specific carotene food composition tables for use in nutritional epidemiologic studies for Japanese populations. <b>2001</b> , 11, 266-75		6
500	Potential agents for prostate cancer chemoprevention. <b>2001</b> , 23, 168-72		13
499	Lycopene content differs among red-fleshed watermelon cultivars. <b>2001</b> , 81, 983-987		173
498	Risk of ovarian carcinoma and consumption of vitamins A, C, and E and specific carotenoids: a prospective analysis. <b>2001</b> , 92, 2318-26		92
497	Carotenoid Content of Selected Indonesian Fruits. <b>2001</b> , 14, 169-176		107
496	Carotenoids, antioxidants and ovarian cancer risk in pre- and postmenopausal women. <b>2001</b> , 94, 128-34		93
495	Chemical composition and potential health effects of prunes: a functional food?. <b>2001</b> , 41, 251-86		203

494	Dietary carotenoids and human immune function. <b>2001</b> , 17, 823-7	97
493	Analysis of patterns of food intake in nutritional epidemiology: food classification in principal components analysis and the subsequent impact on estimates for endometrial cancer. <b>2001</b> , 4, 989-97	124
492	Intakes of carotenoids, vitamin C, and vitamin E and MS risk among two large cohorts of women. <b>2001</b> , 57, 75-80	55
491	Nature of dietary reporting by adults in the third National Health and Nutrition Examination Survey, 1988-1994. <b>2002</b> , 21, 315-27	46
490	Phytoestrogens in foods. <b>2002</b> , 44, 195-246	26
489	Carotenoid uptake and secretion by CaCo-2 cells: beta-carotene isomer selectivity and carotenoid interactions. <b>2002</b> , 43, 1086-95	190
488	Nutrition and risk of prostate cancer. <b>2002</b> , 68, 69-80	15
487	Lycopene and prostate cancer. <b>2002</b> , 5, 6-12	50
486	Intakes of vitamins E and C, carotenoids, vitamin supplements, and PD risk. <b>2002</b> , 59, 1161-9	181
485	Vitamin A intake and hip fractures among postmenopausal women. <b>2002</b> , 287, 47-54	299
484	Non-antioxidant properties of carotenoids. <b>2002</b> , 383, 553-8	97
483	Tomatoes, lycopene, and prostate cancer: progress and promise. <b>2002</b> , 227, 869-80	109
482	The intake of carotenoids in an older Australian population: The Blue Mountains Eye Study. <b>2002</b> , 5, 347-52	21
481	Predictors of survival in African American patients with AD, VaD, or stroke without dementia. <b>2002</b> , 59, 1146-53	33
480	Lycopene from Tomatoes. <b>2002</b> ,	1
479	Serum Concentration of .BETA.-Cryptoxanthin in Japan Reflects the Frequency of Satsuma Mandarin (Citrus unshiu Marc.) Consumption.. <b>2002</b> , 48, 350-353	38
478	Frequent intake of tropical fruits that are rich in beta-cryptoxanthin is associated with higher plasma beta-cryptoxanthin concentrations in Costa Rican adolescents. <b>2002</b> , 132, 3161-7	29
477	The body of evidence to support a protective role for lutein and zeaxanthin in delaying chronic disease. Overview. <b>2002</b> , 132, 518S-524S	207

476	Diet and lifestyle correlates of lutein in the blood and diet. <b>2002</b> , 132, 525S-530S	55
475	A systematic screening of total antioxidants in dietary plants. <b>2002</b> , 132, 461-71	686
474	Carotenoid pigments in GAC fruit ( <i>Momordica cochinchinensis</i> SPRENG). <b>2002</b> , 66, 2479-82	83
473	Supercritical fluid extraction of lycopene from tomato processing byproducts. <b>2002</b> , 50, 2638-43	172
472	Antioxidant and antiproliferative activities of common vegetables. <b>2002</b> , 50, 6910-6	628
471	An isocratic liquid chromatographic method with diode-array detection for the simultaneous determination of alpha-tocopherol, retinol, and five carotenoids in human serum. <b>2002</b> , 40, 69-76	64
470	A prospective study of tomato products, lycopene, and prostate cancer risk. <b>2002</b> , 94, 391-8	551
469	Diet and adenocarcinoma of the lung: a case-control study in Uruguay. <b>2002</b> , 35, 43-51	38
468	Anhydrolutein in the zebra finch: a new, metabolically derived carotenoid in birds. <b>2002</b> , 132, 811-8	81
467	Phytochemicals & cancer. <b>2002</b> , 1, 91-6	10
466	Nutritional value of cherry tomatoes ( <i>Lycopersicon esculentum</i> Cv. Naomi F1) harvested at different ripening stages. <b>2002</b> , 50, 6550-6	204
465	Tomato products, lycopene, and prostate cancer risk. <b>2002</b> , 29, 83-93	62
464	Individual carotenoid concentrations in adipose tissue and plasma as biomarkers of dietary intake. <b>2002</b> , 76, 172-9	143
463	Variability in conversion of beta-carotene to vitamin A in men as measured by using a double-tracer study design. <b>2002</b> , 75, 900-7	72
462	Food habits of Canadians: lutein and lycopene intake in the Canadian population. <i>Journal of the American Dietetic Association</i> , <b>2002</b> , 102, 988-91	24
461	Tomato consumption increases lycopene isomer concentrations in breast milk and plasma of lactating women. <i>Journal of the American Dietetic Association</i> , <b>2002</b> , 102, 1257-62	33
460	The role of carotenoids in human health. <b>2002</b> , 5, 56-65	370
459	Carotinoide—Bedeutung und technische Synthesen: Farbenfrohe Antioxidantien. <b>2002</b> , 36, 178-192	5

458	Selenium Content of Australian Foods: A Review of Literature Values. <b>2002</b> , 15, 169-182	52
457	Dietary Boron Intake in the United States: CSFII 1994-1996. <b>2002</b> , 15, 237-250	11
456	Development of a Multi-nutrient Data Quality Evaluation System. <b>2002</b> , 15, 339-348	73
455	Brazilian Food Composition Database: Internet Dissemination and Other Recent DevelopmentsSTUDY REVIEW. <b>2002</b> , 15, 453-464	9
454	Neovascular age-related macular degeneration and its relationship to antioxidant intake. <b>2002</b> , 80, 368-71	82
453	Carotenoids: separation methods applicable to biological samples. <b>2002</b> , 781, 393-418	80
452	Vitamins and carotenoids intake and the risk of basal cell carcinoma of the skin in women (United States). <b>2002</b> , 13, 221-30	40
451	A cohort study of dietary carotenoids and lung cancer risk in women (Canada). <b>2002</b> , 13, 231-7	34
450	Vitamin and carotenoid intake and risk of squamous cell carcinoma of the skin. <b>2003</b> , 103, 110-5	47
449	Fruits, vegetables and lung cancer: a pooled analysis of cohort studies. <b>2003</b> , 107, 1001-11	157
448	Beta-carotene supplementation decreases leukocyte superoxide dismutase activity and serum glutathione peroxidase concentration in humans. <b>2003</b> , 14, 656-62	18
447	Micronesian banana, taro, and other foods: newly recognized sources of provitamin A and other carotenoids. <b>2003</b> , 16, 3-19	76
446	Adding carotenoids to the NCI Diet History Questionnaire Database. <b>2003</b> , 16, 269-280	24
445	Age-related macular degeneration and nutritional supplementation: a review of randomised controlled trials. <b>2003</b> , 23, 383-99	58
444	Comparison of plasma biomarkers with dietary assessment methods for fruit and vegetable intake. <b>2003</b> , 57, 988-98	24
443	Tomato consumption and plasma lycopene concentration in people aged 65 y and over in a British national survey. <b>2003</b> , 57, 1545-54	21
442	Thermal processing of vegetables increases cis isomers of lutein and zeaxanthin. <b>2003</b> , 51, 6184-90	129
441	Biologic mechanisms of the protective role of lutein and zeaxanthin in the eye. <b>2003</b> , 23, 171-201	616

440	The role of the carotenoids, lutein and zeaxanthin, in protecting against age-related macular degeneration: a review based on controversial evidence. <b>2003</b> , 2, 20		121
439	Isotopic labeling and LC-APCI-MS quantification for investigating absorption of carotenoids and phylloquinone from kale ( <i>Brassica oleracea</i> ). <b>2003</b> , 51, 4877-83		61
438	Effects of the growing methods and conditions on the lycopene content of tomato fruits. <b>2003</b> , 32, 269-278		27
437	CAROTENOID PIGMENTS IN A MUTANT CARDINAL: IMPLICATIONS FOR THE GENETIC AND ENZYMATIC CONTROL MECHANISMS OF CAROTENOID METABOLISM IN BIRDS. <b>2003</b> , 105, 587		26
436	Antioxidant intake and primary open-angle glaucoma: a prospective study. <b>2003</b> , 158, 337-46		98
435	Development of a food composition database for the estimation of dietary intakes of glucosinolates, the biologically active constituents of cruciferous vegetables. <b>2003</b> , 90, 687-97		145
434	Nutritional and clinical relevance of lutein in human health. <b>2003</b> , 90, 487-502		258
433	Changes in plasma and oral mucosal lycopene isomer concentrations in healthy adults consuming standard servings of processed tomato products. <i>Nutrition and Cancer</i> , <b>2003</b> , 47, 48-56	2.8	60
432	Calibration of the dietary questionnaire for the Canadian Study of Diet, Lifestyle and Health cohort. <b>2003</b> , 6, 79-86		38
431	Dietary carotenoids and risk of coronary artery disease in women. <b>2003</b> , 77, 1390-9		173
430	Antioxidant nutrients and chronic disease: use of biomarkers of exposure and oxidative stress status in epidemiologic research. <b>2003</b> , 133 Suppl 3, 933S-940S		365
429	Carotenoid Pigments in a Mutant Cardinal: Implications for the Genetic and Enzymatic Control Mechanisms of Carotenoid Metabolism in Birds. <b>2003</b> , 105, 587-592		28
428	Phyto-oestrogen database of foods and average intake in Finland. <b>2003</b> , 89 Suppl 1, S31-8		115
427	Effect of concentrate finishing on the carotenoid content of perirenal fat in grazing sheep: its significance for discriminating grass-fed, concentrate-fed and concentrate-finished grazing lambs. <b>2003</b> , 77, 225-233		49
426	Assessment of antioxidant nutrient intake and status for epidemiologic research. <b>2004</b> , 134, 3199S-3200S		11
425	Dietary carotenoids and genetic instability modify bladder cancer risk. <b>2004</b> , 134, 3362-9		31
424	Research Approaches to Special Preclinical Safety and Toxicological Evaluations. 45-53		1
423	. <b>2004</b> ,		



422	Prospective study of intake of fruits, vegetables, vitamins, and carotenoids and risk of age-related maculopathy. <b>2004</b> , 122, 883-92	182
421	The effect of mycoplasmosis on carotenoid plumage coloration in male house finches. <b>2004</b> , 207, 2095-9	41
420	Dietary carotenoids and risk of lung cancer in a pooled analysis of seven cohort studies. <b>2004</b> , 13, 40-8	164
419	A Biological Role of Lutein. <b>2004</b> , 20, 1-16	36
418	Nutrition and cancer prevention: a multidisciplinary perspective on human trials. <b>2004</b> , 24, 223-54	38
417	ANTIOXIDANT PROFILES OF CORBARA SMALL TOMATOES DURING RIPENING AND EFFECTS OF AQUEOUS EXTRACTS ON J774 CELL ANTIOXIDANT ENZYMES. <b>2004</b> , 28, 1-20	12
416	Carotenoid pigments in male American goldfinches: what is the optimal biochemical strategy for becoming colourful?. <b>2004</b> , 83, 273-280	46
415	Plasma carotenoid levels in Dutch men and women, and the relation with vegetable and fruit consumption. <b>2004</b> , 58, 1386-95	55
414	Foods, nutrients and prostate cancer. <b>2004</b> , 15, 11-20	96
413	Intake of phytochemicals among Japanese, calculated by the new FFF database. <b>2004</b> , 22, 259-63	10
412	Changes in sugar, organic acid, flavonol and carotenoid composition during ripening of berries of three seabuckthorn ( <i>Hippophae rhamnoides</i> L.) cultivars. <b>2004</b> , 219, 360	65
411	Dietary lutein reduces ultraviolet radiation-induced inflammation and immunosuppression. <b>2004</b> , 122, 510-7	93
410	Human prostate cancer risk factors. <b>2004</b> , 101, 2371-490	409
409	Carotenoids/vitamin C and smoking-related bladder cancer. <b>2004</b> , 110, 417-23	61
408	Carotenoids, vitamin A and risk of adenomatous polyp recurrence in the polyp prevention trial. <b>2004</b> , 112, 295-305	27
407	Adapting an international food composition table for use in rural Kenya. <b>2004</b> , 17, 523-530	6
406	Fostering quality data in food composition databases: visions for the future. <b>2004</b> , 17, 251-258	48
405	Determination of lycopene in food by on-line SFE coupled to HPLC using a single monolithic column for trapping and separation. <b>2004</b> , 1052, 25-31	42

404	Carotenoid concentrations in vegetables and fruits common to the Costa Rican diet. <b>2004</b> , 55, 101-13	18
403	Protecting Infants through Human Milk. <b>2004</b> ,	4
402	The role of carotenoids in the prevention of human pathologies. <b>2004</b> , 58, 100-10	399
401	Intestinal absorption and metabolism of carotenoids: insights from cell culture. <b>2004</b> , 430, 77-88	93
400	Lutein bioavailability is higher from lutein-enriched eggs than from supplements and spinach in men. <b>2004</b> , 134, 1887-93	207
399	Correlates of serum lutein + zeaxanthin: findings from the Third National Health and Nutrition Examination Survey. <b>2004</b> , 134, 2387-94	51
398	Estimation of plant sterol and cholesterol intake in Finland: quality of new values and their effect on intake. <b>2004</b> , 92, 671-8	116
397	Analysis of Fat-Soluble Vitamins in Food. <i>Food Additives</i> , <b>2004</b> , 431-485	3
396	Flavonoids in Foods. <b>2005</b> , 219-262	9
395	Major flavonoids in dry tea. <b>2005</b> , 18, 487-501	118
394	Development of a database of critically evaluated flavonoids data: application of USDA's data quality evaluation system. <b>2005</b> , 18, 829-844	55
393	Body mass index and mortality in women: follow-up of the Canadian National Breast Screening Study cohort. <b>2005</b> , 29, 792-7	15
392	Inhibition of prostate cancer cell growth by an avocado extract: role of lipid-soluble bioactive substances. <b>2005</b> , 16, 23-30	127
391	Intake of fruits and vegetables, carotenoids, folate, and vitamins A, C, E and risk of bladder cancer among women (United States). <b>2005</b> , 16, 1135-45	51
390	Supplementation with tomato-based products increases lycopene, phytofluene, and phytoene levels in human serum and protects against UV-light-induced erythema. <b>2005</b> , 75, 54-60	149
389	Variations in lycopene blood levels and tomato consumption across European countries based on the European Prospective Investigation into Cancer and Nutrition (EPIC) study. <b>2005</b> , 135, 2032S-6S	26
388	Nutrition, Brain Aging, and Alzheimers Disease. <b>2005</b> , 1, 215-229	
387	Nutrition and retina. <b>2005</b> , 38, 120-147	13

386	Minimal Fresh Processing of Vegetables, Fruits and Juices. <b>2005</b> , 677-716		14
385	Plasma appearance of labeled beta-carotene, lutein, and retinol in humans after consumption of isotopically labeled kale. <b>2005</b> , 46, 1896-903		45
384	Passionflower fruit-a "new" source of lycopene?. <b>2005</b> , 8, 104-6		16
383	Association of dietary vitamin A, carotenoids, and other antioxidants with the risk of ovarian cancer. <b>2005</b> , 14, 669-76		44
382	Nitrogen Concentration Affects Nutrient and Carotenoid Accumulation in Parsley. <b>2005</b> , 28, 285-297		48
381	Lutein: a valuable ingredient of fruit and vegetables. <b>2005</b> , 45, 671-96		98
380	Effects of postharvest hot air treatments on the quality and antioxidant levels in tomato fruit. <b>2005</b> , 38, 657-663		61
379	Carotenoid actions and their relation to health and disease. <b>2005</b> , 26, 459-516		884
378	Bioavailability and antioxidant effects of orange juice components in humans. <b>2005</b> , 53, 5170-8		99
377	Monthly consistency of macular pigment optical density and serum concentrations of lutein and zeaxanthin. <b>2006</b> , 31, 199-213		36
376	Nutrient intake and risk of squamous cell carcinoma of the esophagus: a case-control study in Uruguay. <i>Nutrition and Cancer</i> , <b>2006</b> , 56, 149-57	2.8	19
375	Supplementation of the maternal diet with tomato powder and marigold extract: effects on the antioxidant system of the developing quail. <b>2006</b> , 47, 200-8		21
374	Carotenoid content of 50 watermelon cultivars. <b>2006</b> , 54, 2593-7		118
373	Changes in antioxidant content of tomato fruits in response to cultivar and nutrient solution composition. <b>2006</b> , 54, 4319-25		104
372	Antioxidant properties of natural carotenoid extracts against the AAPH-initiated oxidation of food emulsions. <b>2006</b> , 7, 132-139		48
371	Hortaliças como alimentos funcionais. <i>Horticultura Brasileira</i> , <b>2006</b> , 24, 397-404	0.9	19
370	Vegetables, fruit, and antioxidant-related nutrients and risk of non-Hodgkin lymphoma: a National Cancer Institute-Surveillance, Epidemiology, and End Results population-based case-control study. <b>2006</b> , 83, 1401-10		58
369	Digestion and Intestinal Absorption of Dietary Carotenoids and Vitamin A. <b>2006</b> , 1735-1752		4

368	Fruit and Vegetable Consumption and Cancer. <b>2006</b> , 97-173	4
367	Dietary Assessment. <b>2006</b> , 367-375	1
366	Lycopene. <i>Modern Nutrition</i> , <b>2006</b> , 55-72	1
365	Carotenoids and cardiovascular health. <b>2006</b> , 83, 1265-71	321
364	Carotenoids and cardiovascular disease: what research gaps remain?. <b>2006</b> , 17, 11-6	28
363	Flavanones in oranges, tangerines (mandarins), tangors, and tangelos: a compilation and review of the data from the analytical literature. <b>2006</b> , 19, S66-S73	199
362	Flavanones in grapefruit, lemons, and limes: A compilation and review of the data from the analytical literature. <b>2006</b> , 19, S74-S80	183
361	Ascorbic acid, vitamin A, and mineral composition of banana ( <i>Musa sp.</i> ) and papaya ( <i>Carica papaya</i> ) cultivars grown in Hawaii. <b>2006</b> , 19, 434-445	235
360	Application of high hydrostatic pressure processing of food to extracting lycopene from tomato paste waste. <b>2006</b> , 26, 33-41	46
359	Internal quality of fresh and cold stored celery petioles described by sensory profile, chemical and instrumental measurements. <b>2006</b> , 222, 590-599	15
358	Effects of lycopene supplementation on antioxidant status, oxidative stress, performance and carcass characteristics in heat-stressed Japanese quail. <b>2006</b> , 31, 307-312	85
357	Effect of High Pressure Processing on the Extraction of Lycopene in Tomato Paste Waste. <b>2006</b> , 29, 736-739	42
356	Intakes of vitamins A, C and E and folate and multivitamins and lung cancer: a pooled analysis of 8 prospective studies. <b>2006</b> , 118, 970-8	77
355	Intake of the major carotenoids and the risk of epithelial ovarian cancer in a pooled analysis of 10 cohort studies. <b>2006</b> , 119, 2148-54	36
354	Prospective study of vitamins C, E, and A and carotenoids and risk of oral premalignant lesions in men. <b>2007</b> , 120, 970-7	19
353	Determination of major carotenoids in vegetables by capillary electrochromatography. <b>2006</b> , 29, 660-5	25
352	Lycopene intake and prostate cancer risk: effect modification by plasma antioxidants and the XRCC1 genotype. <i>Nutrition and Cancer</i> , <b>2006</b> , 55, 13-20	2.8 31
351	Dietary carotenoids and risk of colorectal cancer in a pooled analysis of 11 cohort studies. <b>2007</b> , 165, 246-55	51

350	A comparison of carotenoids, retinoids, and tocopherols in the serum and buccal mucosa of chronic cigarette smokers versus nonsmokers. <b>2006</b> , 15, 993-9		38
349	Quantitation of Carotenoids in Commonly consumed Vegetables in Japan. <b>2007</b> , 13, 247-252		56
348	Opinion of the Scientific Panel on Food Additives, Flavourings, Processing Aids and Materials in Contact with Food on a request from the commission related to Lutein for use in particular nutritional uses. <i>EFSA Journal</i> , <b>2007</b> , 5, 315	2.3	2
347	Prospective study of intake of fruit, vegetables, and carotenoids and the risk of adult glioma. <b>2007</b> , 85, 877-86		35
346	Estimated dietary flavonoid intake and major food sources of U.S. adults. <b>2007</b> , 137, 1244-52		438
345	Plasma concentrations of carotenoids and vitamin C are better correlated with dietary intake in normal weight than overweight and obese elderly subjects. <b>2007</b> , 97, 977-86		101
344	Nutritional antioxidants and age-related cataract and maculopathy. <b>2007</b> , 84, 229-45		149
343	Carotenoids and human health. <b>2007</b> , 55, 207-16		1235
342	Handbook of Nutrition and Ophthalmology. <b>2007</b> ,		1
341	Fast determination of prominent carotenoids in tomato fruits by CEC using methacrylate ester-based monolithic columns. <b>2007</b> , 28, 4120-7		13
340	Carotenoid pigments in kale are influenced by nitrogen concentration and form. <b>2007</b> , 87, 900-907		66
339	Lycopene: The need for better methods for characterization and determination. <b>2007</b> , 26, 163-170		52
338	Quantitation of bioactive compounds in citrus fruits cultivated in Taiwan. <b>2007</b> , 102, 1163-1171		124
337	Acculturation in the United States is associated with lower serum carotenoid levels: Third National Health and Nutrition Examination Survey. <i>Journal of the American Dietetic Association</i> , <b>2007</b> , 107, 1218-23		23
336	Serum carotenoid levels vary by marital status. <i>Journal of the American Dietetic Association</i> , <b>2007</b> , 107, 1581-5		7
335	Neighborhood Deprivation is associated with lower levels of serum carotenoids among adults participating in the Third National Health and Nutrition Examination Survey. <i>Journal of the American Dietetic Association</i> , <b>2007</b> , 107, 1895-902		46
334	Compositions for health products obtained by treatment of tomato with beta-cyclodextrin. <b>2007</b> , 57, 669-674		1
333	Citrus fruit intake and stomach cancer risk: a quantitative systematic review. <b>2008</b> , 11, 23-32		55

332	Variation of the chemical composition of tomato cultivars ( <i>Lycopersicon esculentum</i> Mill.) according to resistance against the tomato yellow leaf curl virus (TYLCV). <b>2008</b> , 88, 1882-1891	3
331	Extraction conditions affecting supercritical fluid extraction (SFE) of lycopene from watermelon. <b>2008</b> , 99, 7835-41	54
330	Bioactive compounds and quantification of total ellagic acid in strawberries ( <i>Fragaria x ananassa</i> Duch.). <b>2008</b> , 107, 1629-1635	159
329	Impact of germination time and type of illumination on carotenoid content, protein solubility and in vitro protein digestibility of chickpea ( <i>Cicer arietinum</i> L.) sprouts. <b>2008</b> , 109, 797-801	29
328	Lycopene and other carotenoid intake in relation to risk of uterine leiomyomata. <b>2008</b> , 198, 37.e1-8	21
327	Relative validity of a food frequency questionnaire used in the Inter99 study. <b>2008</b> , 62, 1038-46	77
326	Dietary Lycopene: Its Properties and Anticarcinogenic Effects. <b>2008</b> , 7, 255-270	94
325	Effects of the yeast <i>Pichia guilliermondii</i> against <i>Rhizopus nigricans</i> on tomato fruit. <b>2008</b> , 49, 113-120	102
324	Multitargeted therapy of cancer by lycopene. <b>2008</b> , 269, 339-51	141
323	Lutein and age-related ocular disorders in the older adult: a review. <b>2007</b> , 26, 139-57	19
322	Cognitive findings of an exploratory trial of docosahexaenoic acid and lutein supplementation in older women. <b>2008</b> , 11, 75-83	199
321	Fruit and vegetables, cardiovascular disease, diabetes and obesity. <b>2008</b> , 95-118	4
320	Nutritional Characterization of Tomato Juices. <b>2008</b> , 235-258	1
319	Dietary carotenoids, vitamins C and E, and risk of cataract in women: a prospective study. <b>2008</b> , 126, 102-9	111
318	Biological control of the post-harvest pathogens <i>Alternaria solani</i> , <i>Rhizopus stolonifer</i> , and <i>Botrytis cinerea</i> on tomato fruit by <i>Pichia guilliermondii</i> . <b>2008</b> , 83, 132-136	16
317	Prospective study of lutein/zeaxanthin intake and risk of age-related macular degeneration. <b>2008</b> , 87, 1837-43	73
316	Vitamin C and the Role of Citrus Juices as Functional Food. <b>2009</b> , 4, 1934578X0900400	32
315	The effect of periodic vegetarianism on serum retinol and alpha-tocopherol levels. <b>2009</b> , 79, 271-80	17

314	Effect of lutein on retinal neurons and oxidative stress in a model of acute retinal ischemia/reperfusion. <b>2009</b> , 50, 836-43	98
313	High dietary antioxidant intakes are associated with decreased chromosome translocation frequency in airline pilots. <b>2009</b> , 90, 1402-10	20
312	Antioxidants in wild mushrooms. <b>2009</b> , 16, 1543-60	404
311	Evaluation of an FFQ for assessment of antioxidant intake using plasma biomarkers in an ethnically diverse population. <b>2009</b> , 12, 2438-47	46
310	Something New Under the Sun: Lutein's Role in Skin Health. <b>2009</b> , 3, 349-352	2
309	Intakes of fruit, vegetables, and carotenoids and renal cell cancer risk: a pooled analysis of 13 prospective studies. <b>2009</b> , 18, 1730-9	85
308	Legacy of Wilbur O. Atwater: human nutrition research expansion at the USDA--interagency development of food composition research. <b>2009</b> , 139, 178-84	9
307	Rapid estimation of lycopene concentration in watermelon and tomato puree by fiber optic visible reflectance spectroscopy. <b>2009</b> , 52, 103-109	34
306	Needs and sources of carotenoids and vitamin A. <b>1994</b> , 52, S67-73	32
305	Urinary isoflavones and their metabolites validate the dietary isoflavone intakes in US adults. <i>Journal of the American Dietetic Association</i> , <b>2009</b> , 109, 245-54	59
304	Dietary carotenoids and the risk of invasive breast cancer. <b>2009</b> , 124, 2929-37	44
303	Carotenoids: actual knowledge on food sources, intakes, stability and bioavailability and their protective role in humans. <b>2009</b> , 53 Suppl 2, S194-218	480
302	Lycopene: chemistry, biology, and implications for human health and disease. <b>1998</b> , 56, 35-51	579
301	Dietary carotenoids and lung cancer: a review of recent research. <b>1999</b> , 57, 133-45	61
300	Validation study of the USDA's Data Quality Evaluation System. <b>2009</b> , 22, 366-372	22
299	Antiangiogenic properties of carotenoids: A potential role of maize as functional food. <b>2009</b> , 1, 284-290	37
298	Food composition databases: The EuroFIR approach to develop tools to assure the quality of the data compilation process. <b>2009</b> , 113, 759-767	43
297	A Mediterranean dietary intervention in healthy American women changes plasma carotenoids and fatty acids in distinct clusters. <b>2009</b> , 29, 156-63	46

296	Serum lycopene and the risk of cancer: the Kuopio Ischaemic Heart Disease Risk Factor (KIHD) study. <b>2009</b> , 19, 512-8	27
295	Epidemiology and Intervention Trials. <b>2009</b> , 191-210	3
294	Determination of physicochemical characteristics in different products of tomato varieties. <b>2009</b> , 60 Suppl 1, 126-38	7
293	Safety of use of colouring agents in animal nutrition - Part III: $\beta$ -apo-8'-carotenal, ethyl ester of $\beta$ -apo-8'-carotenoic acid, lutein, zeaxanthin and concluding remarks. <i>EFSA Journal</i> , <b>2009</b> , 7, 1098	2.3 2
292	Mechanisms of Intestinal Absorption of Carotenoids. <b>2009</b> , 367-379	2
291	Citrus fruit intake and pancreatic cancer risk: a quantitative systematic review. <b>2009</b> , 38, 168-74	42
290	Dietary Lutein and Zeaxanthin in the Prevention of Age-Related Macular Degeneration in the Elderly. <b>2010</b> , 6, 176-181	2
289	Genomics Analysis to Demonstrate the Safety and Efficacy of Dietary Antioxidants. <b>2010</b> , 95-125	
288	LYCOPENE AND CITRULLINE CONTENTS IN WATERMELON (CITRULLUS LANATUS) FRUIT WITH DIFFERENT PLOIDY AND CHANGES DURING FRUIT DEVELOPMENT. <b>2010</b> , 543-550	6
287	Scientific Opinion on the re-evaluation of lutein (E 161b) as a food additive. <i>EFSA Journal</i> , <b>2010</b> , 8, 1678	2.3 29
286	Kinetic study of the quenching reaction of singlet oxygen by carotenoids and food extracts in solution. Development of a singlet oxygen absorption capacity (SOAC) assay method. <b>2010</b> , 58, 9967-78	69
285	The effects of X-ray radiation on Escherichia coli O157:H7, Listeria monocytogenes, Salmonella enterica and Shigella flexneri inoculated on whole Roma tomatoes. <b>2010</b> , 27, 1057-63	51
284	A combination of heat treatment and Pichia guilliermondii prevents cherry tomato spoilage by fungi. <b>2010</b> , 137, 106-10	30
283	The value of measurement of macular carotenoid pigment optical densities and distributions in age-related macular degeneration and other retinal disorders. <b>2010</b> , 50, 716-28	100
282	The Lande-Kirkpatrick mechanism is the null model of evolution by intersexual selection: implications for meaning, honesty, and design in intersexual signals. <b>2010</b> , 64, 3085-100	143
281	Comparison of 3 spectrophotometric methods for carotenoid determination in frequently consumed fruits and vegetables. <b>2010</b> , 75, C55-61	114
280	The role of macular pigment assessment in clinical practice: a review. <b>2010</b> , 93, 300-8	31
279	. <b>2010</b> ,	4



278	Methods for Assessing Aspects of Carotenoid Bioavailability. <b>2010</b> , 6, 44-69	47
277	Antioxidant intake and risks of rheumatoid arthritis and systemic lupus erythematosus in women. <b>2010</b> , 172, 205-16	58
276	The role of phytonutrients in skin health. <b>2010</b> , 2, 903-28	71
275	Natural Antioxidants in Edible Flours of Selected Small Millets. <b>2010</b> , 13, 41-50	53
274	Yield, Nutrients, and Antioxidants of Tomato in Response to Grafting and Substrate. <b>2010</b> , 16, 212-221	5
273	Cardiovascular friendly natural products: a promising approach in the management of CVD. <b>2010</b> , 24, 873-98	69
272	Optimization of Extraction Process of Lycopene from Watermelon ( <i>Citrullus lanatus</i> ) by Response Surface Methodology. <b>2011</b> , 140, 385-393	2
271	Development of singlet oxygen absorption capacity (SOAC) assay method. 2. Measurements of the SOAC values for carotenoids and food extracts. <b>2011</b> , 59, 3717-29	40
270	Mechanism of visceral fat reduction in Tsumura Suzuki obese, diabetes (TSOD) mice orally administered $\beta$ -cryptoxanthin from Satsuma mandarin oranges ( <i>Citrus unshiu</i> Marc). <b>2011</b> , 59, 12342-51	59
269	Carotenoids: Sources, medicinal properties and their application in food and nutraceutical industry. <b>2011</b> , 5,	45
268	Prevention of Adiposity by the Oral Administration of $\beta$ -Cryptoxanthin. <b>2011</b> , 2, 67	20
267	Levels of lipochromes and other bioactives in virgin olive oil from new olive germplasm. <b>2011</b> , 24, 845-850	4
266	Carotenoid and anthocyanin contents of grains of Brazilian maize landraces. <b>2011</b> , 91, 1548-53	34
265	A systematic review of salicylates in foods: estimated daily intake of a Scottish population. <b>2011</b> , 55 Suppl 1, S7-S14	49
264	Brazilian flavonoid database: Application of quality evaluation system. <b>2011</b> , 24, 629-636	7
263	Supercritical carbon dioxide anti-solvent precipitation of anti-oxidative zeaxanthin highly recovered by elution chromatography from <i>Nannochloropsis oculata</i> . <b>2011</b> , 78, 274-280	20
262	Role of lycopene in the control of ROS-mediated cell growth: implications in cancer prevention. <b>2011</b> , 18, 1846-60	37
261	Divalent minerals decrease micellarization and uptake of carotenoids and digestion products into Caco-2 cells. <b>2011</b> , 141, 1769-76	58

260	Serum $\beta$ -carotene concentrations and risk of death among US Adults: the Third National Health and Nutrition Examination Survey Follow-up Study. <b>2011</b> , 171, 507-15		53
259	Tomato lycopene and lung cancer prevention: from experimental to human studies. <b>2011</b> , 3, 2333-57		76
258	Oxidative stress treatment for clinical trials in neurodegenerative diseases. <i>Journal of Alzheimer's Disease</i> , <b>2011</b> , 24 Suppl 2, 111-26	4.3	35
257	Modeling Organic Compounds in the Estuarine and Coastal Environment. <b>2011</b> , 161-203		
256	Effect of freeze-drying on the antioxidant compounds and antioxidant activity of selected tropical fruits. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 4678-92	6.3	130
255	Carotenoids. <b>2012</b> , 25-52		
254	A possible role for lutein and zeaxanthin in cognitive function in the elderly. <b>2012</b> , 96, 1161S-5S		127
253	An encapsulated fruit and vegetable juice concentrate increases skin microcirculation in healthy women. <b>2012</b> , 25, 2-8		20
252	Circulating carotenoids and risk of breast cancer: pooled analysis of eight prospective studies. <b>2012</b> , 104, 1905-16		176
251	In vivo and in vitro studies on the absorption characteristics of $\beta$ -cryptoxanthin in the intestine. <b>2012</b> , 76, 2124-8		10
250	Color Characteristics of Carrots: Effect of Drying and Rehydration. <b>2012</b> , 15, 450-466		56
249	Countercurrent flow of supercritical anti-solvent in the production of pure xanthophylls from <i>Nannochloropsis oculata</i> . <b>2012</b> , 1250, 85-91		10
248	Cancer chemoprevention by carotenoids. <i>Molecules</i> , <b>2012</b> , 17, 3202-42	4.8	353
247	Crucial facts about health benefits of popular cruciferous vegetables. <b>2012</b> , 4, 94-106		162
246	Chapter 10: Provitamin A Carotenoids: Occurrence, Intake and Bioavailability. <b>2012</b> , 142-161		2
245	Tomato powder in laying hen diets: effects on concentrations of yolk carotenoids and lipid peroxidation. <b>2012</b> , 53, 675-80		49
244	Digestion and Intestinal Absorption of Dietary Carotenoids and Vitamin A. <b>2012</b> , 1663-1680		3
243	Anti-inflammatory effects of lutein in retinal ischemic/hypoxic injury: in vivo and in vitro studies. <b>2012</b> , 53, 5976-84		97

242	Hypoxia-induced oxidative stress in ischemic retinopathy. <b>2012</b> , 2012, 426769	73
241	Minor Constituents of Palm Oil: Characterization, Processing, and Application. <b>2012</b> , 471-526	4
240	A naturally occurring carotenoid, lutein, reduces PDGF and H <sub>2</sub> O <sub>2</sub> signaling and compromised migration in cultured vascular smooth muscle cells. <b>2012</b> , 19, 18	27
239	Carotenoid intakes and risk of breast cancer defined by estrogen receptor and progesterone receptor status: a pooled analysis of 18 prospective cohort studies. <b>2012</b> , 95, 713-25	84
238	The contribution of $\beta$ -carotene to vitamin A supply of humans. <b>2012</b> , 56, 251-8	92
237	Lycopene induces retinoic acid receptor transcriptional activation in mice. <b>2012</b> , 56, 702-12	22
236	Lycopene inhibits angiogenesis both in vitro and in vivo by inhibiting MMP-2/uPA system through VEGFR2-mediated PI3K-Akt and ERK/p38 signaling pathways. <b>2012</b> , 56, 889-99	61
235	Radical scavenging capacities and inhibition of human prostate (LNCaP) cell proliferation by <i>Fortunella margarita</i> . <b>2012</b> , 131, 184-191	29
234	Contribution of violaxanthin, neoxanthin, phytoene and phytofluene to total carotenoid intake: Assessment in Luxembourg. <b>2012</b> , 25, 56-65	65
233	Carotenoids and Human Health. <b>2013</b> ,	15
232	Silk lutein extract and its combination with vitamin E reduce UVB-mediated oxidative damage to retinal pigment epithelial cells. <b>2013</b> , 124, 34-41	17
231	Non-targeted metabolomic approach reveals urinary metabolites linked to steroid biosynthesis pathway after ingestion of citrus juice. <b>2013</b> , 136, 938-46	25
230	The Influence of Pre- and Postharvest Environmental Stress on Fruit Bioactives. <b>2013</b> , 409-428	
229	Inactivation of <i>Salmonella enterica</i> serovar Typhimurium and quality maintenance of cherry tomatoes treated with gaseous essential oils. <b>2013</b> , 78, M458-64	26
228	Lycopene-derived bioactive retinoic acid receptors/retinoid-X receptors-activating metabolites may be relevant for lycopene's anti-cancer potential. <b>2013</b> , 57, 739-47	38
227	Food Sources of Carotenoids. <b>2013</b> , 3-19	10
226	Lycopene supplementation modulates plasma concentrations and epididymal adipose tissue mRNA of leptin, resistin and IL-6 in diet-induced obese rats. <b>2013</b> , 110, 1803-9	62
225	Dietary sources of lutein and zeaxanthin carotenoids and their role in eye health. <b>2013</b> , 5, 1169-85	274

224	Xanthophylls and the Eye. <b>2013</b> , 3923-3958		1
223	Carotenoid intake and risk of colorectal adenomas in a cohort of male health professionals. <b>2013</b> , 24, 705-17		29
222	Multiple molecular and cellular mechanisms of action of lycopene in cancer inhibition. <b>2013</b> , 2013, 705121		75
221	The potential role of lycopene for the prevention and therapy of prostate cancer: from molecular mechanisms to clinical evidence. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 14620-46	6.3	117
220	Lycopene Bioavailability and Its Effects on Health. <b>2013</b> , 63-76		2
219	Effect of grafting on biochemical and nutritional traits of 'Cuore di Bue' tomatoes harvested at different ripening stages. <b>2013</b> , 63, 114-122		6
218	Can Arbuscular Mycorrhizal Fungi (AMF) be Effective Tools for Improving the Nutritional Quality of Crops? Findings from a Worldwide Consumed Vegetable. <b>2013</b> , 389-412		
217	Vitamin A. <b>2013</b> , 1-50		1
216	Lutein protects against methotrexate-induced and reactive oxygen species-mediated apoptotic cell injury of IEC-6 cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e72553	3.7	38
215	Predicting the Quality of Pasteurized Vegetables Using Kinetic Models: A Review. <b>2013</b> , 2013, 271271		19
214	Long-term oral feeding of lutein-fortified milk increases voluntary running distance in rats. <i>PLoS ONE</i> , <b>2014</b> , 9, e93529	3.7	9
213	Lipid and protein oxidation in newborn infants after lutein administration. <b>2014</b> , 2014, 781454		34
212	Bioactive Substances of Plant Origin. <b>2014</b> , 1-35		7
211	Biochemical Profile of Leaf, Silk and Grain Samples of Eight Maize Landraces ( <i>Zea mays</i> L.) Cultivated in Two Low-Input Agricultural Systems. <b>2014</b> , 38, 551-562		4
210	Omega-3 and Macular Pigment Accumulation. <b>2014</b> , 263-270		
209	Chronic exposure to <i>Rhodobacter sphaeroides</i> extract Lycopene prevents UVA-induced malondialdehyde accumulation and procollagen I down-regulation in human dermal fibroblasts. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 1686-99	6.3	12
208	Effects of feeding lutein on production performance, antioxidative status, and milk quality of high-yielding dairy cows. <b>2014</b> , 97, 7144-50		14
207	Kinetic study of the quenching reaction of singlet oxygen by $\alpha$ -tocotrienols, and palm oil and soybean extracts in solution. <b>2014</b> , 78, 2089-101		10

206	Specific carotenoid intake is inversely associated with the risk of breast cancer among Chinese women. <b>2014</b> , 111, 1686-95	32
205	Beta-Cryptoxanthin, a Novel Carotenoid Derived from Satsuma Mandarin, Prevents Abdominal Obesity. <b>2014</b> , 381-399	4
204	Patterns of dietary intake and serum carotenoid and tocopherol status are associated with biomarkers of chronic low-grade systemic inflammation and cardiovascular risk. <b>2014</b> , 112, 1341-52	61
203	Antioxidant Supplementation and Therapies. <b>2014</b> , 183-209	1
202	Role of lutein supplementation in the management of age-related macular degeneration: meta-analysis of randomized controlled trials. <b>2014</b> , 52, 198-205	22
201	Ethnobotanical study of medicinal plants used in the management of diabetes mellitus in the Urmia, Northwest Iran. <b>2014</b> , 751, S348-54	101
200	A study on optimization of marigold petal yield, pure lutein, and formulation of free-flowing lutein esters. <b>2014</b> , 17, 175-181	2
199	Biofortified orange maize enhances $\beta$ -cryptoxanthin concentrations in egg yolks of laying hens better than tangerine peel fortificant. <b>2014</b> , 62, 11892-900	23
198	The potential for a carbon stable isotope biomarker of dietary sugar intake. <b>2014</b> , 29, 795-816	29
197	Dietary lycopene, angiogenesis, and prostate cancer: a prospective study in the prostate-specific antigen era. <b>2014</b> , 106, djt430	137
196	Modulation of NF- $\kappa$ B and Nrf2 pathways by lycopene supplementation in heat-stressed poultry. <b>2015</b> , 71, 271-284	13
195	Lutein protects against ischemia/reperfusion injury in rat kidneys. <b>2015</b> , 11, 2179-84	10
194	Attenuation of Oxidative Stress and Glucose Toxicity by Lutein Loaded Nanoparticles from Spinacia oleracea Leaves. <b>2015</b> , 2, 242-249	6
193	Diabetes. <b>2015</b> , 151-163	
192	Study of Carotenoid Activity in Vegetables : Application to Food Development. <b>2015</b> , 62, 263-273	1
191	HTST Pre-Drying Influence on Vacuum Drying Kinetics and Carrot Slices Quality Parameters Evaluation. <b>2015</b> , 39, 1636-1646	1
190	Doses of Quercetin in the Range of Serum Concentrations Exert Delipidating Effects in 3T3-L1 Preadipocytes by Acting on Different Stages of Adipogenesis, but Not in Mature Adipocytes. <b>2015</b> , 2015, 480943	37
189	Plasma carotenoids and risk of breast cancer over 20 y of follow-up. <b>2015</b> , 101, 1197-205	61

188	Glucose Intake and Utilization in Pre-Diabetes and Diabetes. <b>2015</b> , 301-313	2
187	Improving the estimation of flavonoid intake for study of health outcomes. <b>2015</b> , 73, 553-76	38
186	Development of singlet oxygen absorption capacity (SOAC) assay method. 4. Measurements of the SOAC values for vegetable and fruit extracts. <b>2015</b> , 79, 280-91	18
185	Kinetic study of the quenching reaction of singlet oxygen by seven rice bran extracts in ethanol solution. Development of a singlet oxygen absorption capacity (SOAC) assay method. <b>2015</b> , 79, 2063-72	7
184	Intakes of Lutein, Zeaxanthin, and Other Carotenoids and Age-Related Macular Degeneration During 2 Decades of Prospective Follow-up. <b>2015</b> , 133, 1415-24	121
183	Carotenoids, vitamin A, vitamin C, vitamin E, and folate and risk of self-reported hearing loss in women. <b>2015</b> , 102, 1167-75	35
182	Quercetin in anti-diabetic research and strategies for improved quercetin bioavailability using polymer-based carriers – a review. <b>2015</b> , 5, 97547-97562	72
181	Intake of cooked tomato sauce preserves coronary endothelial function and improves apolipoprotein A-I and apolipoprotein J protein profile in high-density lipoproteins. <b>2015</b> , 166, 44-56	19
180	Gac fruit ( <i>Momordica cochinchinensis</i> Spreng.): a rich source of bioactive compounds and its potential health benefits. <b>2015</b> , 50, 567-577	43
179	Prospective study of alcohol consumption and self-reported hearing loss in women. <b>2015</b> , 49, 71-7	22
178	Effect of low temperature on flavonoids, oxygen radical absorbance capacity values and major components of winter sweet spinach ( <i>Spinacia oleracea</i> L.). <b>2015</b> , 95, 2095-104	19
177	Pharmacological Intervention through Dietary Nutraceuticals in Gastrointestinal Neoplasia. <b>2016</b> , 56, 1501-18	16
176	Dietary Recommendations for Cyclists during Altitude Training. <b>2016</b> , 8,	25
175	Lutein Attenuates Both Apoptosis and Autophagy upon Cobalt (II) Chloride-Induced Hypoxia in Rat Müller Cells. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167828	3.7 32
174	A Systematic Review on the Health Effects of Plums ( <i>Prunus domestica</i> and <i>Prunus salicina</i> ). <b>2016</b> , 30, 701-31	44
173	Lycopene Consumption and Risk of Colorectal Cancer: A Meta-Analysis of Observational Studies. <i>Nutrition and Cancer</i> , <b>2016</b> , 68, 1083-96	2.8 19
172	Carotenoids as a Source of Antioxidants in the Diet. <b>2016</b> , 79, 359-75	29
171	Use of lycopene as a natural antioxidant in extending the shelf-life of anhydrous cow milk fat. <b>2016</b> , 199, 541-6	18

170	Dietary lycopene intake and risk of prostate cancer defined by ERG protein expression. <b>2016</b> , 103, 851-60	56
169	Lutein modulates transcription dysregulation of adhesion molecules and spermatogenesis transcription factors induced by testicular ischemia reperfusion injury: it could be SAFE. <b>2016</b> , 389, 539-51	6
168	Higher intake of cryptoxanthin is related to low body mass index and body fat in Japanese middle-aged women. <b>2017</b> , 96, 89-94	8
167	Development of a Singlet Oxygen Absorption Capacity (SOAC) Assay Method. Measurements of the SOAC Values for Carotenoids and Tocopherol in an Aqueous Triton X-100 Micellar Solution. <b>2017</b> , 65, 784-792	14
166	Gene expression analysis of enzymes of the carotenoid biosynthesis pathway involved in cryptoxanthin accumulation in wild raspberry, <i>Rubus palmatus</i> . <b>2017</b> , 484, 845-849	6
165	Effects of carotenoid sequestration on a caterpillar's cryptic coloration and susceptibility to predation. <b>2017</b> , 163, 177-183	3
164	Physico-Chemical Profiling of Promising Sweet Orange Cultivars Grown Under Different Agro-Climatic Conditions of Pakistan. <b>2017</b> , 59, 315-324	9
163	Protective effects of silkworm hemolymph extract and its fractions on UV-induced photoaging. <b>2017</b> , 22, 37-44	8
162	Lutein and atherosclerosis: Belfast versus Toulouse revisited. <b>2017</b> , 98, 63-68	10
161	Supercritical Fluid Extraction of Bioactive Compounds from Fruits and Vegetables. <b>2017</b> , 749-762	
160	Lycopene Inhibits Metastasis of Human Liver Adenocarcinoma SK-Hep-1 Cells by Downregulation of NADPH Oxidase 4 Protein Expression. <b>2017</b> , 65, 6893-6903	24
159	Effects of nitrogen fertilizer and harvesting stage on photosynthetic pigments and phytol contents of Italian ryegrass silage. <b>2017</b> , 88, 1513-1522	9
158	Medicine is not health care, food is health care: plant metabolic engineering, diet and human health. <b>2017</b> , 216, 699-719	63
157	Fabrication of carotene nanoemulsion-based delivery systems using dual-channel microfluidization: Physical and chemical stability. <b>2017</b> , 490, 328-335	67
156	Genotypic variability of carotenoids in traditional tomato cultivars. <b>2017</b> , 100, 510-516	23
155	Comparison of Australian Recommended Food Score (ARFS) and Plasma Carotenoid Concentrations: A Validation Study in Adults. <b>2017</b> , 9,	15
154	Formulating orange oil-in-water beverage emulsions for effective delivery of bioactives: Improvements in chemical stability, antioxidant activity and gastrointestinal fate of lycopene using carrier oils. <b>2018</b> , 106, 439-445	22
153	Rapid and easy carotenoid quantification in Ghanaian starchy staples using RP-HPLC-PDA. <b>2018</b> , 67, 119-127	10

152	Changes in color and carotenoids of sweet corn juice during high-temperature heating. <b>2018</b> , 95, 486-494	7
151	Lycopene: A natural antioxidant for anhydrous buffalo milk fat. <b>2018</b> , 71, 164-173	1
150	Lycopene-rich extract from red guava ( <i>Psidium guajava</i> L.) displays cytotoxic effect against human breast adenocarcinoma cell line MCF-7 via an apoptotic-like pathway. <b>2018</b> , 105, 184-196	32
149	Effects of Dietary $\beta$ -Carotene on the Melanization Response and Growth Rate of <i>Trichoplusia ni</i> (Lepidoptera: Noctuidae). <b>2018</b> , 47, 1618-1622	1
148	Role of Dietary Carotenoids in Different Etiologies of Chronic Liver Diseases. <b>2018</b> ,	
147	Encapsulation systems for lutein: A review. <b>2018</b> , 82, 71-81	64
146	Measurements of Singlet Oxygen-Quenching Activity of Vitamin E Homologs and Palm Oil and Soybean Extracts in a Micellar Solution. <b>2018</b> , 53, 601-613	8
145	Proteomic analysis of the effects of lutein on mammary gland metabolism in dairy cows. <b>2018</b> , 85, 152-156	1
144	Efficacy of polymers from spontaneous carotenoid oxidation in reducing necrotic enteritis in broilers. <b>2018</b> , 97, 3058-3062	6
143	Digestion and Intestinal Absorption of Dietary Carotenoids and Vitamin A. <b>2018</b> , 1133-1151	6
142	Recent Advances in Studies on the Therapeutic Potential of Dietary Carotenoids in Neurodegenerative Diseases. <b>2018</b> , 2018, 4120458	61
141	Lutein prevents osteoarthritis through Nrf2 activation and downregulation of inflammation. <b>2018</b> , 14, 617-624	32
140	Adherence to Healthful Dietary Patterns Is Associated with Lower Risk of Hearing Loss in Women. <b>2018</b> , 148, 944-951	21
139	Association of Vitamin A Intake With Cutaneous Squamous Cell Carcinoma Risk in the United States. <b>2019</b> , 155, 1260-1268	18
138	The chemical and pharmacological basis of guava ( <i>Psidium guajava</i> L.) as potential therapy for type 2 diabetes and associated diseases. <b>2019</b> , 251-305	
137	Mechanistic insights into the effect of lutein on atherosclerosis, vascular dysfunction, and related risk factors: A systematic review of in vivo, ex vivo and in vitro studies. <b>2019</b> , 149, 104477	16
136	Effect of lutein on the acute inflammation-induced c-Fos expression of rat trigeminal spinal nucleus caudalis and C1 dorsal horn neurons. <b>2019</b> , 127, 379-385	4
135	Exploitative Beneficial Effects of Citrus Fruits. <b>2019</b> ,	



134	A Study on the Relationship of Fat Content in Human Milk on Carotenoids Content and Fatty Acid Compositions in Korea. <b>2019</b> , 11,	10
133	Chemoprevention of Prostate Cancer by Natural Agents: Evidence from Molecular and Epidemiological Studies. <b>2019</b> , 39, 5231-5259	33
132	Plant Bioactives and the Prevention of Prostate Cancer: Evidence from Human Studies. <b>2019</b> , 11,	14
131	Kinetic Study of the Quenching Reaction of Singlet Oxygen by Eight Vegetable Oils in Solution. <b>2019</b> , 68, 21-31	3
130	Sweet potato carotenoids. <b>2019</b> , 223-241	2
129	Gac ( <i>Momordica cochinchinensis</i> (Lour) Spreng.) Oil. <b>2019</b> , 377-395	1
128	<i>Trichoplusia ni</i> (Lepidoptera: Noctuidae) Qualitative and Quantitative Sequestration of Host Plant Carotenoids. <b>2019</b> , 48, 540-545	1
127	Astaxanthin supplementation reduces dichlorvos-induced cytotoxicity in. <b>2019</b> , 9, 88	2
126	Antioxidant Activity of Foods: Development of Singlet Oxygen Absorption Capacity (SOAC) Assay Method. <b>2019</b> , 65, 285-302	4
125	The comparative validity of a brief diet screening tool for adults: The Fruit And Vegetable VAriety index (FAVVA). <b>2019</b> , 29, 189-197	4
124	Personalized Nutrition in Disrupting Cancer - Proceedings From the 2017 American College of Nutrition Annual Meeting. <b>2019</b> , 38, 1-14	13
123	Carotenoids and fatty liver disease: Current knowledge and research gaps. <b>2020</b> , 1865, 158597	14
122	Carotenoid Intake and Circulating Carotenoids Are Inversely Associated with the Risk of Bladder Cancer: A Dose-Response Meta-analysis. <b>2020</b> , 11, 630-643	19
121	Anti-obesity potential of seed extract and lycopene on high fat diet induced obesity in male Sprague Dawely rats. <b>2020</b> , 27, 2733-2746	17
120	Beta-Carotene and Other Carotenoids. <b>2020</b> , 443-450.e2	1
119	Lycopene protects neuroblastoma cells against oxidative damage via depression of ER stress. <b>2020</b> , 85, 3552-3561	3
118	Oxidative Stress Markers and the Retinopathy of Prematurity. <b>2020</b> , 9,	12
117	Lutein Supplementation for Eye Diseases. <b>2020</b> , 12,	24

116	Cytoprotective Effects of Natural Highly Bio-Available Vegetable Derivatives on Human-Derived Retinal Cells. <b>2020</b> , 12,	5
115	Leptin and Nutrition in Gestational Diabetes. <b>2020</b> , 12,	10
114	Kinetic Study of Singlet-Oxygen Quenching and Aroxyl-Radical Scavenging Activities of Vitamin E Homologs and Fatty Acids Present in Vegetable Oils. <b>2020</b> , 69, 7-22	1
113	Lutein as a functional food ingredient: Stability and bioavailability. <b>2020</b> , 66, 103771	41
112	Validation of a Method for Quantification of Lutein in Spinach Using High-Performance Liquid Chromatography: Interlaboratory Study. <b>2020</b> , 103, 1073-1080	1
111	Sodium pheophorbide a controls cherry tomato gray mold ( <i>Botrytis cinerea</i> ) by destroying fungal cell structure and enhancing disease resistance-related enzyme activities in fruit. <b>2020</b> , 166, 104581	5
110	Astaxanthin protects oxidative stress mediated DNA damage and enhances longevity in <i>Saccharomyces cerevisiae</i> . <b>2021</b> , 22, 81-100	6
109	Carotenoids and Cognitive Outcomes: A Meta-Analysis of Randomized Intervention Trials. <b>2021</b> , 10,	13
108	Are we preparing for a good AI society? A bibliometric review and research agenda. <b>2021</b> , 164, 120482	29
107	Lycopene inhibits IL-1 $\beta$ induced inflammation in mouse chondrocytes and mediates murine osteoarthritis. <b>2021</b> , 25, 3573-3584	8
106	European Database of Carotenoid Levels in Foods. Factors Affecting Carotenoid Content. <i>Foods</i> , <b>2021</b> , 10,	4-9 12
105	Simultaneous Determination of Carotenoids and Chlorophylls by the HPLC-UV-VIS Method in Soybean Seeds. <b>2021</b> , 11, 758	6
104	Phenotyping Local Eggplant Varieties: Commitment to Biodiversity and Nutritional Quality Preservation. <b>2021</b> , 12, 696272	6
103	Roles of citrus secondary metabolites in tree and fruit defence against pests and pathogens. <b>2021</b> ,	2
102	Nutritional Formulation for Patients with Angelman Syndrome: A Randomized, Double-Blind, Placebo-Controlled Study of Exogenous Ketones. <b>2021</b> , 151, 3628-3636	1
101	An Updated Comprehensive Review on Vitamin A and Carotenoids in Breast Cancer: Mechanisms, Genetics, Assessment, Current Evidence, and Future Clinical Implications. <b>2021</b> , 13,	7
100	Dietary Vitamin A and Breast Cancer Risk in Black Women: The African American Breast Cancer Epidemiology and Risk (AMBER) Consortium. <b>2021</b> , 151, 3725-3737	1
99	Carotenoids: Therapeutic Strategy in the Battle against Viral Emerging Diseases, COVID-19: An Overview. <b>2021</b> , 26, 241-261	5

98	β-Cryptoxanthin from Satsuma Mandarin and Its Multiple Functions. <b>2021</b> , 1261, 261-271	
97	New Equation to Estimate Carotene Content from Morphological and Moisture Properties of Carrot. <b>2021</b> , 20, 341-349	
96	Epidemiologic Characteristics of Prostate Cancer. <b>1995</b> , 75, 1766-1777	67
95	Inhibition of neoplastic transformation and bioavailability of dietary flavonoid agents. <b>1998</b> , 439, 237-48	47
94	Influence of recent dietary intake on plasma and human milk levels of carotenoids and retinol in Brazilian nursing women. <b>2004</b> , 554, 351-4	1
93	The Relationship Between Nutritional Factors and Age-Related Macular Degeneration. <b>1997</b> , 245-265	3
92	Nutritional Antioxidants, Dietary Carbohydrate, and Age-Related Maculopathy and Cataract. <b>2010</b> , 501-543	2
91	Carotenoids as Food Additives. <b>2020</b> , 421-447	2
90	Current views on carotenoids: biology, epidemiology and trials. <b>2000</b> , 45-57	4
89	Bioactive Substances of Plant Origin. <b>2015</b> , 967-1008	12
88	Vitamins and Trace Elements. <b>2012</b> , 895-983	7
87	A Red Bird in a Brown Bag. <b>2002</b> ,	197
86	Food Composition—Vitamin E. <i>Food Additives</i> , <b>2004</b> , 425-505	3
85	Chapter 4 Carrot: Secondary Metabolites and their Prospective Health Benefits. <b>2016</b> , 107-194	0
84	Vitamin A. <b>2007</b> ,	1
83	Tomatoes and Health Promotion. <i>Modern Nutrition</i> , <b>2000</b> ,	1
82	Stability of Lycopene during Food Processing and Storage. <b>2009</b> , 17-36	3
81	A Review of the Structure, Biosynthesis, Absorption of Carotenoids-Analysis and Properties of their Common Natural Extracts. <i>Current Research in Nutrition and Food Science</i> , <b>2016</b> , 4, 25-37	1.1 54

80	Tomato R2R3-MYB Proteins SLANT1 and SLAN2: Same Protein Activity, Different Roles. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136365	3.7	86
79	Qualidade nutricional de cenoura e alface cultivadas em Mossoró-RN em função da densidade populacional. <i>Horticultura Brasileira</i> , <b>2006</b> , 24, 476-480	0.9	4
78	Opinion of the Scientific Panel on Dietetic products, nutrition and allergies [NDA] related to an application on the use of $\alpha$ -tocopherol-containing oil suspension of lycopene from <i>Blakeslea trispora</i> as a novel food ingredient. <i>EFSA Journal</i> , <b>2005</b> , 3, 212	2.3	2
77	Lycopene Exerts Neuroprotective Effects After Hypoxic-Ischemic Brain Injury in Neonatal Rats via the Nuclear Factor Erythroid-2 Related Factor 2/Nuclear Factor- $\kappa$ B Gene Binding Pathway. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 585898	5.6	9
76	Molecular Bases of Fruit Quality in Species: An Integrated Genomic, Transcriptomic, and Metabolic Review with a Breeding Perspective. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	13
75	Effect of Natural Pigment Sources on Colouration of Cichlid ( <i>Cichlasoma severum</i> sp. Heckel, 1840). <i>Journal of Animal and Veterinary Advances</i> , <b>2010</b> , 9, 566-569	0.1	7
74	Antiproliferative Activity of Pure Lycopene Compared to Both Extracted Lycopene and Juices from Watermelon ( <i>Citrullus vulgaris</i> ) and Papaya ( <i>Caricapapaya</i> ) on Human Breast and Liver Cancer Cell Lines. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , <b>2002</b> , 2, 55-58	0.5	24
73	Protective Effect of N-acetyl Cysteine and/or Pro Vitamin A against Monosodium Glutamate-Induced Cardiopathy in Rats. <i>Journal of Pharmacology and Toxicology</i> , <b>2009</b> , 4, 178-193	0.4	9
72	Citrus fruits intake and prostate cancer risk: a quantitative systematic review. <i>Journal of Preventive Medicine and Public Health</i> , <b>2008</b> , 41, 159-64	3.7	12
71	Development of flavonoid database for commonly consumed foods by Koreans. <i>The Korean Journal of Nutrition</i> , <b>2012</b> , 45, 283		13
70	Effect of Hot-Air Dried Tomato Powder on the Quality Properties of Pork Patties during Cold Storage. <i>Journal of Animal Science and Technology</i> , <b>2008</b> , 50, 255-264	1.6	4
69	Vitamin D3 and beta-carotene deficiency is associated with risk of esophageal squamous cell carcinoma - results of a case-control study in China. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2014</b> , 15, 819-23	1.7	6
68	Processing Optimization and Antioxidant Activity of Sausage Prepared with Tomato Powder. <i>Korean Journal of Food and Cookery Science</i> , <b>2012</b> , 28, 195-206	0.5	20
67	Formulation, Solubilization, and In Vitro Characterization of Quercetin-Incorporated Mixed Micelles of PEO-PPO-PEO Block Copolymers. <i>Applied Biochemistry and Biotechnology</i> , <b>2021</b> , 1	3.2	2
66	Lycopene. <i>Modern Nutrition</i> , <b>2000</b> ,		
65	Health-Promoting Phytochemicals. <i>Modern Nutrition</i> , <b>2001</b> , 333-369		
64	Dietary Fiber and Resistant Starch Intake in Brazil. <b>2001</b> , 817-830		
63	Carotenoids in the Nutrition of Infants. <b>2001</b> ,		

62 Standardkostformen (incl. künstlicher Ernährung). **2002**, 537-608

61 Fine Fathers and Good Genes. **2002**, 153-168

60 You Are What You Eat. **2002**, 55-82

59 Epilogue. **2002**, 281-286

58 A Red Bird in a Brown Bag. **2002**, 15-38

1

57 Studs, Duds, and Studly Duds. **2002**, 169-192

56 In the Eye of the Beholder. **2002**, 39-52

55 A Matter of Condition. **2002**, 83-128

54 The Feeling's Mutual. **2002**, 193-216

53 Darwinism and Wallacism. **2002**, 3-14

52 From the Halls of Montezuma to the Shores of Tripoli (New York). **2002**, 219-248

51 Darwin Vindicated. **2002**, 129-152

50 Why Red?. **2002**, 249-280

49 Ernährungstherapie. **2003**, 107-123

48 Nutrition and the Aging Eye. **2004**, 193-209

47 Lycopene and Carcinogenesis. *Oxidative Stress and Disease*, **2004**, 409-425

46 Heart and Vascular Diseases. *Oxidative Stress and Disease*, **2004**, 473-490

45 Astaxanthin and Cancer Chemoprevention. *CRC Series in Modern Nutrition Science*, **2004**,

- 44 Carotenoids and Cardiovascular Disease. **2005**,
- 43 Flavonoids. *Chemical and Functional Properties of Food Components Series*, **2005**,
- 42 Nutrition, Brain Aging, and Alzheimer's Disease. *Oxidative Stress and Disease*, **2005**, 409-441
- 41 Vitamin A and carotenoids. **2007**, 3-81
- 40 Quality Characteristics of Non-cooked Meat Patties with Ground Raw Tomato During Freeze Storage. *Journal of Animal Science and Technology*, **2008**, 50, 535-542 1.6
- 39 Nutrition and eye-related disorders. **2009**, 312-329
- 38 Biological role of carotenoids. *Ovod Rossii*, **2010**, 26-40 0.4 1
- 37 Traditional Indian Functional Foods. **2010**, 67-100
- 36 Beta-Carotene and Other Carotenoids. **2013**, 602-610 1
- 35 Vitamin A und Carotinoide. 1-26
- 34 Energiebedarf, Nährstoffe, Nahrungsbestandteile, Verdauung, Resorption und Stoffwechsel. **2014**, 1-113
- 33 Dietary chemoprevention in toxicological perspective. **1997**, 240-266
- 32 Vitamin A And Carotenoids. **1998**,
- 31 ??????? ????? ?? ???: ??? ??? ? ????? ????? ???. *Food Engineering Progress*, **2014**, 18, 109-115 0.2 3
- 30 Chapter 4 Carrot: Secondary Metabolites and their Prospective Health Benefits. **2016**, 107-194
- 29 Case Report of Dietary Supplements Improving Macular Pigment and Visual Function. *Advances in Ophthalmology & Visual System*, **2017**, 6, 2
- 28 Optimization of important production factors of a non-alcoholic beverage from roselle calyx, sorghum stem sheath and local spices. *Food Research*, **2017**, 2, 99-109 1.5
- 27 Is There an Association between  $\beta$ -Carotene and Breast Cancer? A Systematic Review on Breast Cancer Risk. *Nutrition and Cancer*, **2020**, 1-16 2.8 1

26	Pumpkin. <b>2020</b> , 105-126		2
25	Evidence-Based Cancer Prevention Research: A Multidisciplinary Perspective on Cancer Prevention Trials. <b>2006</b> , 301-316		
24	Age-Related Macular Degeneration. <b>2007</b> , 163-217		
23	The potential for prostate cancer chemoprevention. <i>Reviews in Urology</i> , <b>2002</b> , 4 Suppl 5, S11-7	1	4
22	Lutein prevents alcohol-induced liver disease in rats by modulating oxidative stress and inflammation. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2015</b> , 8, 8785-93		12
21	Functional foods and their role in cancer prevention and health promotion: a comprehensive review. <i>American Journal of Cancer Research</i> , <b>2017</b> , 7, 740-769	4.4	24
20	Variability of physio-chemical, anti-oxidant, and sensorial quality of newly released papaya varieties in Ethiopia. <i>Journal of Food Science and Nutrition Therapy</i> , <b>2020</b> , 015-021	0.2	
19	Promising Strategies in Plant-Derived Treatments of Psoriasis-Update of In Vitro, In Vivo, and Clinical Trials Studies.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	1
18	The Anti-Cancer Effects of Red-Pigmented Foods: Biomarker Modulation and Mechanisms Underlying Cancer Progression. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 2584	2.6	0
17	Preparation and Characterization of Chitosan-Nano-ZnO Composite Films for Preservation of Cherry Tomatoes.. <i>Foods</i> , <b>2021</b> , 10,	4.9	3
16	Can Diet Supplements of Macular Pigment of Lutein, Zeaxanthin, and Meso-zeaxanthin Affect Cognition?. <i>Journal of Alzheimer's Disease</i> , <b>2022</b> ,	4.3	0
15	Role of Carotenoids in Cardiovascular Disease.		0
14	Phenotypic plasticity and nutritional quality of three kale cultivars ( <i>Brassica oleracea</i> L. var. <i>acephala</i> ) under field, greenhouse, and growth chamber environments. <i>Environmental and Experimental Botany</i> , <b>2022</b> , 199, 104895	5.9	0
13	Optimizaci3n de un M3todo Para La Determinaci3n del Perfil de Carotenoides en Frutas y Vegetales Por Cromatograf3a L3quida de Alta Resoluci3n (HPLC). <i>Revista Cient3fica De La Facultad De Ciencias Qu3micas Y Farmacia</i> , <b>2001</b> , 14, 13-20	0	
12	Lycopene in Combination With Sorafenib Additively Inhibits Tumor Metastasis in Mice Xenografted With Lewis Lung Carcinoma Cells. <i>Frontiers in Nutrition</i> , <b>2022</b> , 9,	6.2	0
11	Phytochemicals as the Source of Natural Immunomodulator and Their Role in Cancer Chemoprevention. <b>2022</b> , 209-241		
10	Copyright Page. <b>2002</b> , iv-iv		
9	Dedication. <b>2002</b> , v-vi		

8	PREFACE. <b>2002</b> , vii-xi	
7	Effects of Lycopene Attenuating Injuries in Ischemia and Reperfusion. <b>2022</b> , 2022, 1-21	0
6	Technological advances in the production of carotenoids and their applicationsâA critical review. <b>2022</b> , 128215	2
5	Dietary Intake of Carotenoids and Risk of Depressive Symptoms: A Systematic Review and Meta-Analysis. <b>2022</b> , 11, 2205	1
4	Antifungal activity of volatile compounds from <i>Bacillus tequilensis</i> XK29 against <i>Botrytis cinerea</i> causing gray mold on cherry tomatoes. <b>2023</b> , 198, 112239	0
3	Extraction of lycopene from agro-industrial waste. <b>2023</b> , 179-196	0
2	Provitamin A Carotenoids: Occurrence, Intake and Bioavailability. <b>2012</b> , 142-161	0
1	Harvest timing and nitrogen fertilization alter the production of biomass and antioxidant compound in the parsley. <b>2023</b> , 19, 482-488	0