

Novel Total Antioxidant Capacity Index for Dietary Poly Their Cupric Ion Reducing Capability in the Presence of

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Standardized Methods for the Determination of Antioxidant Capacity and Phenolics in Foods and Dietary Supplements. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 4290-4302.	2.4	3,948
3	Total antioxidant capacity assay of human serum using copper(II)-neocuproine as chromogenic oxidant: The CUPRAC method. <i>Free Radical Research</i> , 2005, 39, 949-961.	1.5	248
4	The cupric ion reducing antioxidant capacity and polyphenolic content of some herbal teas. <i>International Journal of Food Sciences and Nutrition</i> , 2006, 57, 292-304.	1.3	394
5	Nanoparticle-Based Assays of Antioxidant Activity. <i>Analytical Chemistry</i> , 2006, 78, 2060-2063.	3.2	139
6	Supplementation of garlic lowers lipids and increases antioxidant capacity in plasma of rats. <i>Nutrition Research</i> , 2006, 26, 362-368.	1.3	55
7	Spectrophotometric total protein assay with copper(II)-neocuproine reagent in alkaline medium. <i>Talanta</i> , 2006, 68, 1601-1609.	2.9	31
8	Antioxidant capacity of fresh, sun- and sulphited-dried Malatya apricot (<i>Prunus armeniaca</i>) assayed by CUPRAC, ABTS/TEAC and folin methods. <i>International Journal of Food Science and Technology</i> , 2006, 41, 76-85.	1.3	92
9	Spectrophotometric determination of 4,6-dinitro-o-cresol (DNOC) in soil and lemon juice. <i>Analytica Chimica Acta</i> , 2006, 580, 83-90.	2.6	13
10	Novel hydroxyl radical scavenging antioxidant activity assay for water-soluble antioxidants using a modified CUPRAC method. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 1194-1200.	1.0	95
11	Effect of Ethylene Treatment on Kiwifruit Bioactivity. <i>Plant Foods for Human Nutrition</i> , 2006, 61, 151-156.	1.4	25
12	The $\hat{\pm}$ PROX assay: fluorescence screening of the inhibitory effects of hydrophilic antioxidants on protein oxidation. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 703-712.	1.9	9
13	Assessing the antioxidant and pro-oxidant activity of phenolic compounds by means of their copper reducing activity. <i>European Food Research and Technology</i> , 2006, 223, 225-231.	1.6	10
14	Determination of total antioxidant capacity by a new spectrophotometric method based on Ce(IV) reducing capacity measurement. <i>Talanta</i> , 2007, 71, 1155-1165.	2.9	66
15	Comparative evaluation of Fe(III) reducing power-based antioxidant capacity assays in the presence of phenanthroline, batho-phenanthroline, tripyridyltriazine (FRAP), and ferricyanide reagents. <i>Talanta</i> , 2007, 72, 1157-1165.	2.9	191
16	The bioactivity of processed garlic (<i>Allium sativum</i> L.) as shown in vitro and in vivo studies on rats. <i>Food and Chemical Toxicology</i> , 2007, 45, 1626-1633.	1.8	44
17	Comparative Evaluation of Various Total Antioxidant Capacity Assays Applied to Phenolic Compounds with the CUPRAC Assay. <i>Molecules</i> , 2007, 12, 1496-1547.	1.7	764
18	Antioxidants and Antioxidant Activities of Vegetables. <i>ACS Symposium Series</i> , 2007, , 160-183.	0.5	9
19	Albumin causes a synergistic increase in the antioxidant activity of green tea catechins in oil-in-water emulsions. <i>Food Chemistry</i> , 2007, 102, 1375-1382.	4.2	69

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21	Determination of the stability constants for the binding of sulfonated morin with Fe ²⁺ . <i>Inorganica Chimica Acta</i> , 2007, 360, 2339-2344.	1.2	14
22	Antioxidant activity of stem and root extracts of Rhubarb (<i>Rheum ribes</i>): An edible medicinal plant. <i>Food Chemistry</i> , 2007, 103, 623-630.	4.2	176
23	Sensitivity enhancement of CUPRAC and iron(III)-phenanthroline antioxidant assays by preconcentration of colored reaction products on a weakly acidic cation exchanger. <i>Reactive and Functional Polymers</i> , 2007, 67, 1478-1486.	2.0	12
24	Detection of flavonoids and assay for their antioxidant activity based on enlargement of gold nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1199-1205.	1.9	62
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27	Mechanism of antioxidant capacity assays and the CUPRAC (cupric ion reducing antioxidant capacity) assay. <i>Mikrochimica Acta</i> , 2008, 160, 413-419.	2.5	453
28	Simultaneous total antioxidant capacity assay of lipophilic and hydrophilic antioxidants in the same acetoneâ€™water solution containing 2% methyl- β -cyclodextrin using the cupric reducing antioxidant capacity (CUPRAC) method. <i>Analytica Chimica Acta</i> , 2008, 630, 28-39.	2.6	68
29	Antioxidants and proteins in ethylene-treated kiwifruits. <i>Food Chemistry</i> , 2008, 107, 640-648.	4.2	218
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31	Cupric Ion Reducing Antioxidant Capacity Assay for Food Antioxidants: Vitamins, Polyphenolics, and Flavonoids in Food Extracts. <i>Methods in Molecular Biology</i> , 2008, 477, 163-193.	0.4	47
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33	Antioxidant properties of durian fruit as influenced by ripening. <i>LWT - Food Science and Technology</i> , 2008, 41, 2118-2125.	2.5	54
34	Hydroxyl radical detection with a salicylate probe using modified CUPRAC spectrophotometry and HPLC. <i>Talanta</i> , 2008, 77, 90-97.	2.9	33
35	Combined HPLC-CUPRAC (cupric ion reducing antioxidant capacity) assay of parsley, celery leaves, and nettle. <i>Talanta</i> , 2008, 77, 304-313.	2.9	74
36	Flavonoid effects on DNA oxidation at low concentrations relevant to physiological levels. <i>Food and Chemical Toxicology</i> , 2008, 46, 96-104.	1.8	52
37	Measurement of antioxidant ability of melatonin and serotonin by the DMPD and CUPRAC methods as trolox equivalent. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2008, 23, 871-876.	2.5	120

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39	Comparison of the Main Bioactive Compounds and Antioxidant Activities in Garlic and White and Red Onions after Treatment Protocols. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 4418-4426.	2.4	146
40	Antioxidant Capacities of Herbal Plants Used in the Manufacture of Van Herby Cheese: "Otlu Peynir"™. <i>International Journal of Food Properties</i> , 2008, 11, 747-761.	1.3	33
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42	Use of conventional and -omics based methods for health claims of dietary antioxidants: a critical overview. <i>British Journal of Nutrition</i> , 2008, 99, ES3-ES52.	1.2	101
43	Bioactive Dietary Polyphenolic Compounds Reduce Nonheme Iron Transport across Human Intestinal Cell Monolayers. <i>Journal of Nutrition</i> , 2008, 138, 1647-1651.	1.3	90
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49	A comparative study of phenolic compounds and antioxidant and antiproliferative activities in frequently consumed raw vegetables. <i>European Food Research and Technology</i> , 2009, 228, 903-911.	1.6	74
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60	The comparative characteristics of snake and kiwi fruits. <i>Food and Chemical Toxicology</i> , 2009, 47, 1884-1891.	1.8	57
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64	Influence of extrusion on the bioactive compounds and the antioxidant capacity of the bean/corn mixtures. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 522-532.	1.3	42
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72	Histidine, cystine, glutamine, and threonine collectively protect astrocytes from the toxicity of zinc. <i>Free Radical Biology and Medicine</i> , 2010, 49, 649-657.	1.3	38
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79	Comparison of total antioxidant capacity and phenolic composition of some apple juices with combined HPLC-CUPRAC assay. <i>Food Chemistry</i> , 2010, 120, 1201-1209.	4.2	113
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81	Some analytical assays for the determination of bioactivity of exotic fruits. <i>Phytochemical Analysis</i> , 2010, 21, 355-362.	1.2	59
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112	Improving public health?: The role of antioxidant-rich fruit and vegetable beverages. <i>Food Research International</i> , 2011, 44, 3135-3148.	2.9	176
113	Flavonoids and sesquiterpenes from <i>Teucrium ramosissimum</i> promote antiproliferation of human cancer cells and enhance antioxidant activity: A structureâ€“activity relationship study. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 336-348.	2.0	94

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137	The reduction of Cu(II)/neocuproine complexes by some polyphenols: Total polyphenols determination in wine samples. <i>Food Chemistry</i> , 2011, 126, 679-686.	4.2	18
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139	The main and modified CUPRAC methods of antioxidant measurement. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 652-664.	5.8	129
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1527	Influence of altitudinal variation on the physical and biochemical characteristics of apple (<i>Malus</i>) Tj ETQq0 0 0 rgBT /Overlock ₃ Tf 50 2		3
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1573	Antioxidant and mineral studies in different genotypes of Indian bathua (<i>Chenopodium album</i>). , 2017, 87, .		0
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