

Betaine in human nutrition

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Genetic and Epigenetic Interactions between Folate and Aging in Carcinogenesis. <i>Journal of Nutrition</i> , 2005, 135, 2967S-2971S.	1.3	50
3	Opinion of the Scientific Panel on Dietetic products, nutrition and allergies [NDA] related to an application concerning the use of betaine as a novel food in the EU. <i>EFSA Journal</i> , 2005, 3, 191.	0.9	5
4	Role of elevated S-adenosylhomocysteine in rat hepatocyte apoptosis: Protection by betaine. <i>Biochemical Pharmacology</i> , 2005, 70, 1883-1890.	2.0	86
5	The importance of (early) folate status to primary and secondary coronary artery disease prevention. <i>Reproductive Toxicology</i> , 2005, 20, 403-410.	1.3	22
6	Human embryonic stem cells as a model for nutritional programming: An evaluation. <i>Reproductive Toxicology</i> , 2005, 20, 353-367.	1.3	18
7	Choline and homocysteine interrelations in umbilical cord and maternal plasma at delivery. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 836-842.	2.2	87
8	The impact of metabolism on DNA methylation. <i>Human Molecular Genetics</i> , 2005, 14, R139-R147.	1.4	265
9	Betaine and Folate Status as Cooperative Determinants of Plasma Homocysteine in Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 379-385.	1.1	75
10	Betaine Suppresses Proinflammatory Signaling During Aging: The Involvement of Nuclear Factor- κ B via Nuclear Factor-Inducing Kinase/I κ B Kinase and Mitogen-Activated Protein Kinases. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 1252-1264.	1.7	83
11	Betaine: a key modulator of one-carbon metabolism and homocysteine status. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 1069-75.	1.4	194
12	Interactions between folate and aging for carcinogenesis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 1151-7.	1.4	39
13	The Use of Selected Nutrition Supplements and Complementary and Alternative Medicine in Liver Disease. <i>Nutrition in Clinical Practice</i> , 2006, 21, 255-272.	1.1	54
14	Validation of ¹ H NMR spectroscopy as an analytical tool for methylamine metabolites in urine. <i>Clinica Chimica Acta</i> , 2006, 365, 264-269.	0.5	39
15	Is it time to reevaluate methyl balance in humans?. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 5-10.	2.2	247
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19	Maternal Nutrition: Nutrients and Control of Expression. , 2006, , 219-254.		6
20	Dietary choline and betaine assessed by food-frequency questionnaire in relation to plasma total homocysteine concentration in the Framingham Offspring Study. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 905-911.	2.2	192
21	NMR-based metabonomic studies reveal changes in the biochemical profile of plasma and urine from pigs fed high-fibre rye bread. <i>British Journal of Nutrition</i> , 2006, 95, 955-962.	1.2	62

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22	Effects of Chronic Betaine Ingestion on Methionine-Loading Induced Plasma Homocysteine Elevation in Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2006, 52, 194-199.	0.2	9
23	Betaine homocysteine S-methyltransferase: just a regulator of homocysteine metabolism?. <i>Cellular and Molecular Life Sciences</i> , 2006, 63, 2792-2803.	2.4	157
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26	Dietary Choline and Betaine and the Risk of Distal Colorectal Adenoma in Women. <i>Journal of the National Cancer Institute</i> , 2007, 99, 1224-1231.	3.0	93
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29	Betaine Modulates Age-Related NF- κ B by Thiol-Enhancing Action. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 2244-2249.	0.6	42
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32	The association between betaine and choline intakes and the plasma concentrations of homocysteine in women. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1073-1081.	2.2	99
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42	Effects of a multi-nutrient supplement on exercise performance and hormonal responses to resistance exercise. <i>European Journal of Applied Physiology</i> , 2007, 101, 637-646.	1.2	40
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53	Dietary betaine and inflammation. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 247-248.	2.2	7
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87	Ergogenic effects of betaine supplementation on strength and power performance. <i>Journal of the International Society of Sports Nutrition</i> , 2010, 7, 27.	1.7	42
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128	Maternal nutritional status, C1 metabolism and offspring DNA methylation: a review of current evidence in human subjects. <i>Proceedings of the Nutrition Society</i> , 2012, 71, 154-165.	0.4	139
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148	Metabolic profiling of plasma from sows before parturition and during lactation using a liquid chromatographyâ€“mass spectrometry-based approach. <i>Journal of Animal Science</i> , 2012, 90, 200-202.	0.2	6
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154	Pretreatment of the yeast antagonist, Candida oleophila, with glycine betaine increases oxidative stress tolerance in the microenvironment of apple wounds. International Journal of Food Microbiology, 2012, 157, 45-51.	2.1	31
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