






































Bibliography

BIBLIOGRAPHY



























-  Abdin, M., Abdin, Z. and Abrol, Y.P. (2006), Traditional Systems of Medicine, Published Alpha Science Int'l Ltd.●
 -  ACSM, (2005) ACSM guidelines for exercise testing and prescription, 7th ed. Lippincott, Williams and Wilkins, p. 61
 -  Aggarwal, B.B., Kumar, A. and Bharti, A.C., (2003), Anticancer potential of curcumin: preclinical and clinical studies, *Anticancer Res*, Vol. 23(1A), pp. 363-398
 -  Aggarwal, B.B., Sundaram, C., Malani, N. and Ichikawa,H., (2005), The molecular targets and therapeutic uses of curcumin in health and disease, *Advances in Experimental Medicine and Biology*, Vol. 123 (5), pp. 245 – 249
 -  Agricultural Research Magazine (2000), Cinnamon Extracts Boost Insulin Sensitivity, July 2000●
 -  Al-Habori, M. and Raman, A., (1998) Antidiabetic and hypocholesterolemic effects of fenugreek, *Phytotherapy Research*, Vol.12, pp. 233-242
 -  Ali, M., Al-Qattan, K.K., Al-Enezi, F., Khanafer, R.M.A. and Mustafa, T., (2000), Effect of allicin from garlic powder on serum lipids and blood pressure in rats fed with a high cholesterol diet, *Prostaglandins, Leukotrienes and Essential Fatty Acids*, Vol. 62 (4), pp. 253 – 259
 -  Allain, C *et al.*, (1974), *Clinical Chemistry*, Vol. 20, pp. 470 – 475
 -  Almas, K., Albaker, A. and Felembam, N., (2000), Knowledge of dental health and diseases among dental patients, a multicentre study in Saudi Arabia, *Indian J Dent Res.*, Vol. 11(4), pp. 145-155
 -  Alqareer, A., Alyahya, A. and Anderson, L. (2003), The effect of clove and benzocaine versus placebo as topical anesthetics, *Journal of Dentistry*, Vol. 34 (10) , pp. 747 – 750
 -  Altieri, A., Tavani, T., Gallus, S., La vecchia, C., (2004), Occupational and leisure time physical activity and the risk of nonfatal acute myocardial infarction in Italy, *Annals of Epidemiology*, Vol. 14 (7), pp. 461-466
-














-  American Diabetes Association (2000), Type 2 diabetes in children and adolescents (Consensus Statement), *Diabetes Care*, Vol. 23, pp. 381–389
-  American Diabetes Association, (2007), Standards of medical care in diabetes, *Diabetes Care*, Vol. 30 (S1), pp. S4-S41.
-  American Heart Association, (2000), Dietary guidelines, A statement of health care professionals, *Circulation*, Vol. 102, pp. 2284 – 2289
-  Amin, A., *et al.*, (2005), Chemopreventive activities of *Trigonella foenum graecum* (Fenugreek) against breast cancer, *Cell Biol Int*, Vol. 29 (8), pp. 687–694 •
-  Anderson, P., (1996), People with diabetes should say 'yes' to garlic by Patricia, *Better Nutrition*, p.87
-  Andrea, B., (1999), Blueberries May Be King of the Hill for Those Over the Hill, WebMD Medical News, Sept. 16, retrieved Dec. 29, 2006.
-  Andrew, D and Karen, P. (2003), *The New American Chef: Cooking with the Best Flavors and Techniques from Around the World*, John Wiley and Sons Inc., pp. 342 - 349
-  Araujo, C. A. C. and Leon, L. L., (2001), Biological activities of *Curcuma longa L*, *Mem. Inst. Oswaldo Cruz*, Vol. 96, pp. 723–728
-  Archer, A.W.,(1988), Determination of cinnamaldehyde, coumarin and cinnamyl alcohol in cinnamon and cassia by high-performance liquid chromatography, *Journal of Chromatography*, Vol. 447, pp. 272–276
-  Arcila, L.C.C, Loarca-Pina, G. and Lecona-Urbe, S, *et al.* (2005), Oregano: properties, composition and biological activity, *Arch Latinoam Nutr.*, Vol. 54(1), pp. 100-111.
-  Arora, D.S. and Kaur, J., (1999), Antimicrobial activity of spices, *Int. J. Antimicrob. Agents*, Vol.12, pp. 257 – 262
-  Ashwood, E. R., Tietz, N.W. and Burtis, C. A., (1994), *Tietz textbook of clinical chemistry*, 2nd edition, Philadelphia, Saunders Co. •
-  Aspray, T.J., (2005), Diabetes in later life, *Review in Clinical Gerontology*, Vol. 15 (1), pp. 27 - 38
-  Aucott, L.S., (2008), Influences of weight loss on long term diabetes outcomes, *Proceedings of Nutrition Society*, Vol. 67 (1), pp. 54 – 59
-













-  Aung, H.H., Wang, C.Z., Ni, M., Fishbein, A., Mehendale, S.R., Xie, J.T., Shoyama, C.Y. and Yuan, C.S., (2007), Crocin from *Crocus sativus* possesses significant anti-proliferation effects on human colorectal cancer cells, *Exp Oncol*, Vol. 29(3), pp. 175-180
-  Babu, P.S., Prabuseenivasan, S. and Ignacimuthu, S., (2007), Cinnamaldehyde – a potential antidiabetic agent, *Phytomedicine*, Vol. 14 (1), pp. 15 – 22
-  Balch, P. and Balch, J., (2000), Prescription for nutritional healing, Avery Publishing, Third Edition, p. 94
-  Bamji, M.S., Rao, N.P. and Reddy, V., (2003), Textbook of Human Nutrition, Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi, p. 362
-  Bantle, J.P., Rosett, W.J., Albright, A.L., Apovian, C.M., Clark, N.G., Franz, M.J., *et al.*, (2006), Nutrition recommendations and interventions for diabetes—2006: A position statement of the American Diabetes Association, *Diabetes Care*, Vol. 29, pp. 2140 – 2157
-  Bapu, P.S. and Srinivasan, K., (1993), Influence of dietary spices on adrenal steroidogenesis in rats, *Nutr. Res.*, Vol. 13 (4), pp. 435 – 444
-  Bapu, P.S. and Srinivasan, K., (1995), Influence of dietary curcumin and cholesterol on the progression of experimentally induced diabetes in albino rat, *Molecular and Cellular Biochemistry*, Vol. 152 (1), pp.13 - 21
-  Bapu, P.S. and Srinivasan, K., (1997), Hypolipidemic action of curcumin, the active principle of turmeric (*Curcuma longa*) in streptozotocin induced diabetic rats, *Molecular and Cellular Biochemistry*, Vol. 166 (1-2), pp. 169 – 175
-  Barker, D.J.P., (1995), Fetal origins of coronary heart disease, *British Medical Journal*, Vol. 311, pp. 171 - 174
-  Barnard, R.J., Lattimore, L., Holly, R.G., Cherny, S. and Pritikin, N. (1982), Response of non-insulin-dependent diabetic patients to an intensive program of diet and exercise, *Diabetes Care*, Vol. 5, pp.370–374
-  Basch, E., *et al.*, (2003), Therapeutic applications of fenugreek, *Altern Med Rev.*, Vol. 8 (1), pp. 20–27.
-  Beebe, C., (2003), Body Weight Issues in Preventing and Treating Type 2 Diabetes, *Diabetes Spectrum*, Vol. 16, pp. 261 - 266
-













- Behall, K.M., Scholfield, J.D. and Hallfrisch, J., (2004), Diets containing basil significantly reduce lipids in mildly hypercholesterolemic men and women, *Am. J. Clin. Nutr.*, Vol. 80 (5), pp. 1185 – 1193
- Bhattacharjee, S.K., (2000), Handbook of medicinal plants, Pointer publishers, Jaipur, India, pp. 4
- Billing, J. and Sherman, P.W., (1998), Antimicrobial functions of spices: why some like it hot, *Q Rev Biol* , Vol. 73, pp. 43-49
- Booth, S.L., Sallis, J.F., Ritenbaugh, C., Hill, J.O., Birch, L.L., Frank, L.D., Glanz, K., Himmelgreen, D.A., Mudd, M., Popkin, B.M., Rickard, K.A., St Jeor, S., Hays, N.P., (2001), Environmental and societal factors affect food choice and physical activity: rationale, influences, and leverage points, *Nutr Rev.*, Vol. 59, pp. S21–S39
- Borrelli, F., Capasso, R. and Izzo, A.A., (2007), Garlic (*Allium sativum* L.): adverse effects and drug interactions in humans, *Mol. Nutr. Food Res.*, Vol. 51 (11), pp. 1386–1397
- Braham, P. and Trinder, P., (1972), *Analyst*, Vol.97, pp.142 - 145.
- Brahman, G.N.V., Laxmaiah, A., Mallikharjuna Rao, K. and Reddy, G., (2005), Methodology of assessment of diet and nutritional status of community, Manual of National Institute of Nutrition, Hyderabad, pp. 7 – 9, 13, 16
- Braunstein, J.B., (2003), Diabetes Forecast“a publication of the American Diabetes Association, pp.37-39
- Burr, M. and Butland, B. (1988), Heart disease in British vegetarians, *Am Jn Clinical Nutrition*, Vol.48, pp.830-832
- Cao, H., Polansky, M.M. and Anderson, R.A., (2007), Cinnamon extract and polyphenols affect the expression of tristetraproline, insulin receptor and glucose transporter 4 in mouse 3T3-L1 adipocytes, *Ar. of Biochemistry and Biophysics*, Vol. 459 (2), pp.214 – 222
- Caron, M.F. and White, C.M., (2001), Evaluation of the antihyperlipidemic properties of dietary supplements, *Pharmacotherapy*, Vol. 21, pp. 481–487
- Chami, N., Bennis, S., Chami, F., *et al.*, (2005), Study of anticandidal activity of carvacrol and eugenol *in vitro* and *in vivo*, *Oral Microbiol.Immunol*, Vol. 20(2), pp. 106-111
-
















-
-  Chandola, T., *et al.*, (2006), Chronic stress at work and the metabolic syndrome: prospective study, *BMJ*, Vol. 332, pp. 521 – 525•
-  Chandratreya, S., (2008), Diabetes and yoga, *Altern Ther Health Med*, Vol. 11(4), pp. 28-33
-  Charles, C., (1998), *The Scents of Eden: A Narrative of the Spice Trade*, New York: Kodansha International, p. 234
-  Chattopadhyay, I, Biswas, B, Bandyopadhyay, U and Banerjee, R.K. (2004), Turmeric and curcumin: Biological actions and medicinal applications, *Current Science*, Vol. 87 (1), pp. 44 - 53
-  Chaudhry, N.M. and Tariq, P., (2006), Bactericidal activity of black pepper, bay leaf, aniseed and coriander against oral isolates, *Pak J Pharm Sci.*, Vol. 19(3), pp. 214-218
-  Cheung, S.C., Szeto, Y.T. and Benzie, I.F., (2007), Antioxidant protection of edible oils, *Plant Foods Hum Nutr.*, Vol.62(1), pp. 39-42
-  Chinese Herbal Medicine: Materia Medica, Third Edition by Dan Bensky, Steven Clavey, Erich Stoger and Andrew Gamble (2004), *Diabetes care*, Vol. 27 (5), pp. 1047 – 1053
-  Collene, A.L., Hertzler, S.R., Williams, J.A. and Wolf, B.W., (2005), Effects of a nutritional supplement containing *Salacia oblonga* extract and insulinogenic amino acids on postprandial glycemia, insulinemia and breath hydrogen responses in healthy adults, *Nutrition*, Vol. 21, pp. 848 – 854
-  Craig, W.J., (1999), Health-promoting properties of common herbs, *Am J Clin Nutr*, Vol. 70 (3S), pp. 491S-499S
-  Crutchfield, P. and Diane, B., (2003), Oral Antidiabetic Agents: Back to the Basics, *Geriatric Times*, May 1, p. 20
-  Dallongeville, J. *et al.*, (2005), Household income is associated with the risk of metabolic syndrome in a sex-specific manner, *Diabetes Care*, Vol. 28, pp. 409-415•
-  Daniel, J. and Maria, I., (2000), Yeast Infections and the Breastfeeding Family: Helping mothers find relief for symptoms and treatment for the infection preserves the breastfeeding relationship, *LEAVEN (La Leche League International)*, Vol. 34 (5), pp. 91–96
-












-  Darshan, S. and Doreswamy, R. (2004), Patented antiinflammatory plant drug development from traditional medicine, *Phytother.Res*, Vol. 18(5), pp. 343 -357
-  Das, S., Vasisht, S., Snehalata Das, N. and Srivastava, L.M., (2000), Correlation between total antioxidant status and lipid peroxidation in hypercholesterolemia, *Current Science*, Vol. 78(4), pp. 486, 487
-  David, P., (2003), *Cassell's Dictionary of Superstitions*, Sterling Publishing Co, p. 211
-  De, M., Krishna De, A. and Banerjee, A.B., (1999), Antimicrobial screening of some Indian spices, *Phytother. Res.*, Vol. 13, pp. 616 – 618
-  Dearlove, K., (2008), Effect of cinnamon on postprandial blood glucose, gastric emptying, and satiety in healthy subjects, *American Journal of Clinical Nutrition*, Vol. 85 (6), pp.1552-1556
-  *Deccan Chronicle*, (2005), Just beat big D, 14th November
-  Dorenburg, A. and Karen, P., (2003), *The new American chef: Cooking with the best flavours and techniques from around the world*, John Wiley and Sons Inc., pp. 234 - 236
-  Dragland, S., Senoo, H., Wake, K., Holte, K., and Blomhoff, R., (2003), Several culinary and medicinal herbs are important sources of dietary antioxidants, *J Nutr*, Vol. 133(5), pp.1286 - 1290
-  Drewnowski, A. and Specte, S.E., (2004), Poverty and obesity: the role of energy density and energy costs, *Am J Clin Nutr.*, Vol. 79, pp. 6–16
-  Drexel, H., Aczel, S. and Marte, T., (2005), Is atherosclerosis in diabetes and impaired fasting glucose driven by elevated LDL cholesterol or by decreased HDL cholesterol?, *Diabetes Care*, Vol. 28, pp. 101-114.
-  Dudeja, V., Misra, A and Pandey, R.M., (2001), BMI does not accurately predict over weight in Asian Indian in Northern India, *British Journal of Nutrition*, Vol. 86, pp. 105 – 112
-  Duncan, M.G., (1999), The effects of nutritional supplements on the treatment of depression, diabetes and hypercholesterolemia in the renal patient, *J. of Renal Nutrition*, Vol. 9 (2), pp. 58 – 62
-

-  Durak I, Kavutcu M, Aytac B, *et al.*, (2004), Effects of garlic extract consumption on blood lipid and oxidant / antioxidant parameters in humans with high blood cholesterol, *J Nutr Biochem.*, Vol. 15(6), pp. 373-377
-  Durak, A., Ozturk, H.S., Olcay, E., Guven, C., (2002), Effects of garlic extract supplementation on blood lipid and antioxidant parameters and atherosclerotic plaque formation process of cholesterol-fed rabbits, *J Herb Pharmcother*, Vol. 2(2), pp. 19-32
-  Ecob, R. and Smith, G.D., (1999), Income and health: what is the nature of the relationship? *Soc Sci Med.*, Vol. 48, pp.693–705
-  Eilers, R.J., (1967), *Am J Clin Path*, Vol. 47, p.212
-  El-Demerdash, F.M., Yousef, M.I. and El-Naga, N.I.A., (2005), Biochemical study on the hypoglycemic effects of onion and garlic in alloxan induced diabetic rats, *Food and Chemical Toxicology*, Vol. 43 (1), pp. 57 – 63
-  Emamghoreishi, M., Khasaki, M. and Aazam, M.F., (2005), Coriandrum sativum: evaluation of its anxiolytic effect in the elevated plus-maze, *Journal of Ethnopharmacology*, Vol. 96 (3), pp. 365 - 370
-  Encyclopaedia Britannica (2008), p. 567 - 569
-  Erlich, E.W., (2008), The effect of cinnamon on E.coli growth, Project Number J1409, California State Science Fair
-  Etherton, K.P.M., Hecker, K.D., Bonanome, A., *et al.*, (2002), Bioactive compounds in foods: their role in the prevention of cardiovascular disease and cancer, *Am J Med*, Vol. 113 Suppl 9B, pp. 71S-88S●
-  Expert Committee on the Diagnosis and Classification of Diabetes Mellitus-Report, (2002), *Diabetes Care*, Vol. 25 (1), pp. S5 – S20
-  Expert Committee on the Diagnosis and Classification of Diabetes Mellitus, (2003), Follow-up report on the diagnosis of diabetes mellitus, *Diabetes Care*, Vol. 26, pp. 3160–3167
-  Falcon, M., (2002), Spices and condiments, John Wiley Publications, New York, pp. 3 - 13
-  Fang, F., Sang, S., Chen, K.Y., Gossiau, A., Chi-Tang Ho and Rosen, R.T., (2005), Isolation and identification of cytotoxic compounds from bay leaf (*Laurus nobilis*), *Food Chemistry*, Vol. 93 (3), pp. 497 – 501
-


-  Fareed, G., Scolaro, M., Jordan, W., Sanders, N., Chesson, C., Slattery, M., Long, D. and Castro, C., (2007), The use of high dose garlic preparation for the treatment of *Cryptosporidium parvum* diarrhoea, NLM Gateway, pp. 643 - 645 •
-  Ferrence, S.C., (2004), Therapy with saffron and the Goddess at Thera, *Perspectives in Biology and Medicine*, Vol. 47 (2), pp. 543 - 546
-  Flegal, K., Carroll, M., Ogden, C., *et al.*, (2002), Prevalence and trends in obesity among U.S. adults, 1999-2000, *JAMA*, Vol. 288, pp. 1723 –1727
-  Fragiska, M., (2005), Wild and Cultivated Vegetables, Herbs and Spices in Greek Antiquity, *Environmental Archaeology*, Vol. 10 (1), pp. 73-82
-  Friedwald, W.T., Levy, R.I. and Fredrickson, D.S., (1972), Estimation of plasma low density lipoprotein cholesterol concentration without use of the preparative ultracentrifuge, *Clin. Chem.*, Vol. 18, pp. 499 - 512
-  Fu, Y., Zu, Y., Chen, L., Shi, X., Wang, Z., Sun, S. and Efferth, T., (2007), Antimicrobial activity of clove and rosemary essential oils alone and in combination, *Phytother Res.*, Vol. 21(10), pp. 989-994
-  Fujiwara, H. *et al.*, (2008), Curcumin inhibits glucose production in isolated mice hepatocytes, *Diabetes Research and Clinical Practice*, Under press
-  Gardner, C.D., Lawson, L.D., Block, E., *et al.* (2007), Effect of raw garlic vs commercial garlic supplements on plasma lipid concentrations in adults with moderate hypercholesterolemia: a randomized clinical trial, *Arch Intern Med* Vol. 167, pp. 346.
-  Gardner, C.D., Messina, M., Lawson, L.D., *et al.*, (2003), Soy, garlic and ginkgo biloba: their potential role in cardiovascular disease prevention and treatment, *Curr Atheroscler Rep*, Vol. 5, pp. 468-475
-  Ghatak, A. and Asthana, O.P., (1995), Recent trends in hyperlipoproteinemias and its pharmacotherapy, *In. Jr. of Pharmacology*, Vol. 27 (1), pp. 14 – 29
-  Goel, A., Kunnumakkara, K.B. and Aggarwal, B.B., (2008), Curcumin as “curecumin” from kitchen to clinic, *Biochemical Pharmacology*, Vol. 75 (4), pp. 787 – 809
-  Gopalan, G., Ramasastri, B.V. and Balasubramanian, S.C., (2004), Nutritive value of Indian foods, NIN, pp. 34, 35, 47, 48, 94
-


-  Greenberg, J.A., *et al.*, (2005), Coffee, tea and diabetes: the role of weight loss and caffeine, *Int J Obes Relat Metab Disord.*, Vol. 29, pp. 1121 -1129•
-  Gregg, E.W., (2003), Relationship of walking to mortality among US adults with diabetes, *Archives Intern. Med.*, Vol.103, pp. 1440 – 1447
-  Groppo, F., Ramacciato, J., Motta, R., Ferraresi, P. and Sartoratto, A., (2007) Antimicrobial activity of garlic against oral streptococci, *Int. J. Dent. Hyg.*, Vol. 5, pp. 109–115
-  Grover, S.A., Coupal, L. and Hu, X.P., (1995), Identifying adults at increased risk of coronary disease: how well do the current cholesterol guidelines work? *JAMA*, Vol. 274, pp. 801 - 806
-  Gupta, A., Gupta, R. and Lal, B., (2001), Effect of *Trigonella foenum-graecum* (Fenugreek) Seeds on Glycaemic Control and Insulin Resistance in Type 2 Diabetes Mellitus: A Double Blind Placebo Controlled Study, *JAPI*, Vol. 49, pp. 1057-1061
-  Gupta, R. (1998), Lifestyle risk factors and coronary heart disease prevalence in Indian men, *J Assoc Physicians India*, Vol. 46(5), pp. 33 - 36
-  Gupta, R., Gupta, V.P., Sarna, M., Bhatnagar, S., Thanvi, J., Sharma, V., Singh, A.K., Gupta, J.B. and Kaul, V., (2002), Prevalence of coronary heart disease and risk factors in an urban Indian population, Jaipur Heart Watch-2, *Indian Heart J*, Vol. 54(1), pp. 59-66.
-  Gupta, R., Prakash, H., Gupta, V.P. and Gupta, K.D., (1997), Prevalence and determinants of coronary heart disease in a rural population of India, *J Clin Epidemiol.*, Vol. 50(2), pp. 203-209
-  Guyton, A.C. and Hall, J.E., (2000), Diabetes mellitus textbook of medical physiology, tenth edition, W.B. Saunders Company, Philadelphia, p.917
-  Halvorsen, B.L., Holte, K., Myhrstad, M.C.W., *et al.*, (2002), A systematic screening of total antioxidants in dietary plants, *J. Nutr.*, 132, 461 – 471
-  Hanna, M., (2006), Alternative medicine uses of capsicum or cayenne pepper as an herbal remedy, www.buzzle.com.
-  Haslam, D.W. and James, W.P., (2005), "Obesity", *Lancet*, Vol. 366, pp. 1197–1209
-


-  Hassel, V.N. and Lawrence, B.M., (2001), New trends in essential oils, perfumer and flavourist, The chemists club reading, USA, Vol. 5, pp. 6 - 12
-  Healthbits, (2007), Flavour of good health, *Health Action*, September, p. 35
-  Hedley, A., Ogden, C., Johnson, C., *et al* (2004), Prevalence of overweight and obesity among U.S. children, adolescents, and adults, 1999-2002, *JAMA* Vol. 291, pp. 2847 – 2850
-  Helmrich, S.P., Ragland, D.R., Leung, W. and Paffenbarger, R.S., (1991), Physical activity and reduced occurrence of NIDDM, *N. Eng. J. Med.*, Vol. 325, pp. 147 – 152
-  Henley, E., Chang, M. and Hollander, H.M., (2002), Treatment of Hyperlipidemia, *J Fam Pract*, Vol. 51, pp. 370 - 376
-  Hill, J.O. and Peters, J.C., (2002), Biomarkers and functional foods for obesity and diabetes, *British Journal of Nutrition*, Vol. 88 (S2), pp. S213 – S218
-  Hillbom, M (1998), Alcohol consumption and stroke: benefits and risks, *Alcohol Clin Exp Res*, Vol. 22 (7), pp. 352S–358S
-  Housing Urban Development Corporation (HUDCO), (2004), India at 50's, Express Publications, p.390
-  Howard, B and Eckel, R.H., (2000), AHA dietary guidelines revision : A statement for health care professionals from the Nutrition Committee of the American Heart Association, *Circulation*, Vol. 102, pp. 2284 -2299
-  ICMR, (2004), Nutrient requirements and RDA for Indian, ICMR, New Delhi
-  IDF (2007), www.idf.org
-  *Insight – the Consumer Magazine* (2007), Cloves may combat lung cancer, p. 34
-  International Obesity Task Force (2004), www.ionf.org
-  International Standards for Anthropometric Assessment, (2001), published by The International Society for the Advancement of Kinanthropometry (ISAK)
-  Jayakumar, R.V. and Nisha, B., (2005), Prevention of diabetes mellitus, *Health action*, pp. 19
-


-
-  Jenkins, D.J., Kendall, C.W., Marchie, A., *et al.*, (2002), Dose response of almonds on coronary heart disease risk factors: blood lipids, oxidized low-density lipoproteins, lipoprotein(a), homocysteine, and pulmonary nitric oxide: a randomized, controlled, crossover trial, *Circulation*, Vol. 106, pp. 1327–1332•
-  Jenkins, D.J., Kendall, C.W., Popovich, D.G., *et al.*, (2001), Effect of a very-high-fiber vegetable, fruit, and nut diet on serum lipids and colonic function, *Metabolism*, Vol. 50, pp. 494–503
-  Jenkins, D.J.A., Cyril, W.C., Kendall, A.M., Jenkins, A.L., Augustin, S.A.L., Ludwig, S.D., Barnard, N.D. and Anderson, J.W., (2003), Type 2 diabetes and the vegetarian diet, *American Journal of Clinical Nutrition*, Vol. 78 (3), pp. 610S-616S
-  Jenkins, D.J.A., *et al.*, (2000), Effect of soy protein foods on low density lipoprotein oxidation an ex vivo sex hormone receptor activity – A controlled crossover trial, *Metabolism*, Vol. 49 (4), pp. 537 - 543
-  Jensen, P.G. and Larson, J.R., (2001), Management of painful diabetic neuropathy, *Drugs Aging*, Vol. 18, pp. 737 - 749
-  John, S.J., (1988), Treatment leads on Cryptosporisiosis: preliminary report on opportunistic infection, *AIDS treatment news*, p. 49
-  Johnston, K.L., Clifford, M.N. and Morgan, L.M., (2003), Coffee acutely modifies gastrointestinal hormone secretion and glucose tolerance in humans: glycemic effects of chlorogenic acid and caffeine, *Am J Clin Nutr.*, Vol. 78(4), pp. 728 - 733
-  Kannaiyan, S., Chandrasekaran, M. and Chinnadurai, M., (2001), Conservation and utilization of medicinal plants, Tamilnadu Agricultural University, Coimbatore, pp. 234
-  Karpiska, M., Borowski, J. and Oziewicz, D.M., (2001), The use of natural antioxidants in ready-to-serve food, *Food Chemistry*, Vol. 72 (1), pp. 5 - 9
-  Katz, D. and McHorney, C., (2000), Atkinson R: Impact of obesity on health-related quality of life in patients with chronic illness, *J Gen Intern Med*, Vol. 15, pp.789 – 796
-  Kaul, S., Sunitha, P., Suvarna, A., Meena, A.K., Uma, M. and Reddy, J.M., (2002), Subtypes of Ischemic Stroke in a Metropolitan City of South India
-


(One year data from a hospital based stroke registry), *Neurol India*, Vol. 50 (S), pp. S8-S14


 Kaviarasan, S., *et al.*, (2006), Fenugreek (*Trigonella foenum graecum*) seed extract prevents ethanol-induced toxicity and apoptosis in Chang liver cells, *Alcohol*, Vol. 41 (3), pp. 267 – 273•


 Kelble, A., (2005), Spices and type 2 diabetes, *Nutrition and Food Science*, Vol. 35 (2), pp. 81 – 87


 Ken, B., (2006), Cloves improve glucose, cholesterol and triglycerides of people with type 2 diabetes mellitus, Program/Abstract No. 640, pp. 5


 Khan, A., Safdar, M., Ali Khan, M.M., Khattak, K.N. and Anderson, R.A., (2003), Cinnamon improves glucose and lipids of people with type 2 diabetes, *Diabetes Care*, Vol. 26 (12), pp. 3215–3218


 Khanum, F., Krishna, S.K.R., Semwal, A.D. and Vishwanathan, K.R., (2001), Proximate composition and mineral contents of spices, *The Ind. J. Nutr. Diet.*, Vol. 38 (3), pp. 93 - 96


 Kim, S.H., Hyun, S.H. and Choung, S.Y., (2006), Anti diabetic effect of cinnamon extract on blood glucose in db / db mice, *Jr. of Ethnopharmacology*, Vol. 104 (1 – 2), pp. 119 – 123













 Klausen, K., Borch-Johnsen, K., Feldt-Rasmussen, B., Jensen, G., Clausen, P., Scharling, H., Appleyard, M. and Jensen, J.S., (2004), Very low levels of microalbuminuria are associated with increased risk of coronary heart disease and death independently of renal function, hypertension, and diabetes, *Circulation*, Vol. 110, pp. 32–35













 Knight, D.C. and Eden, J.A., (1996), Review of the clinical effects of phytoestrogens, *Obstetrics and Gynaecology*, Vol. 87 (5), pp. S897 – S904













 Koivisto, V.A., Tulokas, S., Toivonen, M., Haapa, E. and Pelkonen, R., (1993), Alcohol with a meal has no adverse effects on postprandial glucose homeostasis in diabetic patients, *Diabetes Care*, Vol. 16, pp. 1612–1614













 Kojuri, J., Vosoughi, A.R. and Akrami, M., (2007), Effects of anethum graveolens and garlic on lipid profile in hyperlipidemic patients, *Lipids Health Dis.*, Vol. 1 (6), pp. 5













 Kolpe, U., Ramaswamy, V., Rao, B.S.S. and Nagabhushan, M., (2002), Turmeric and curcumin prevents the formation of mutagenic Maillard reaction products, *International Science Congress*, Vol. 1245, pp. 327 – 334











-  Kuzuya, T., (2000), Early diagnosis early treatment and the new diagnostic criteria of diabetes mellitus, *Br. J. of Nutrition*, Vol. 84 (S2), pp. S177 – S181
-  Lampe, J.W., (2004), Spicing up a vegetarian diet: chemopreventive effects of phytochemicals, *Am. J. Clin. Nutr.*, Vol. 78 (3), pp. 579S – 583S
-  Lanzotti, V., (2006), The analysis of garlic and onion, *Jr. of Chromatography*, Vol. 1112 (1 – 2), pp. 3 – 22
-  Lata, S., Saxena, K.K., Bhasin, V., Saxena, R.S., Kumar, A. and Srivastava, V.K., (1991), Beneficial effects of *Allium sativum*, *Allium cepa* and *Commiphora mukul* on experimental hyperlipidemia and atherosclerosis – a comparative evaluation, *J. Postgrad. Med.*, Vol. 37 (3), pp. 132 – 135
-  Lau, B.H.S. and Lam, F., (1987), Effect of odor modified garlic preparation on blood lipids, *Nutrition Research*, Vol. 7 (2), pp. 139 - 149
-  Legnani, C., Frascaro, M., Guazzaloca, G., *et al.*, (1993), Effects of a dried garlic preparation on fibrinolysis and platelet aggregation in healthy subjects, *Arzneim – Forsch Drug Res.*, Vol. 43, pp. 119 – 122
-  Leong, S, J., *et al.*, (2008), On the identity of turmeric: the typification of *Curcuma longa* L. (Zingiberaceae), *Bot. J. Linn. Soc.*, Vol.157, pp. 37–46
-  Lim, G.P., Chu, T., Yang, F., Beech, W., Frautscy, S.A. and Cole, G.M., (2001), The curry spice curcumin reduces oxidative damage and amyloid pathology in an Alzheimer transgenic mouse, *J. Neurosci.*, Vol. 21 (21), pp. 8370 – 8377
-  Liu, S., Willett, W.C., Stampfer, M.J., *et al.*, (2000), A prospective study of dietary glycemic load, carbohydrate intake, and risk of coronary heart disease in US women, *Am J Clin Nutr.*, Vol. 71, pp. 1455–1461
-  López, P., Sánchez, C., Batlle, R. and Nerín, C., (2005), Solid- and vapor-phase antimicrobial activities of six essential oils: susceptibility of selected foodborne bacterial and fungal strains, *J. Agric. Food Chem.*, Vol. 53 (17), pp. 6939–6946.
-  Love, C., (2004), *A Dictionary of Culinary Curiosities*, Mark Morton, Insomniac Press, Toronto, Canada •
-  Ludwig, D.S., Pereira, M.A., Kroenke, C.H., *et al.*, (1999), Dietary fiber, weight gain, and cardiovascular disease risk factors in young adults, *JAMA*, Vol. 282, pp. 1539–1546
-

-  Mahoney, P.O. *et al.*, (2008), Total prevalence of diabetes and pre-diabetes, *Diabetes Care*, Vol. 27 (5), pp. 1047-1053•
-  Manay, S.N. and Shadaskarswamy, M., (1999), Foods, facts and principles, New age international Pvt Ltd., New Delhi, pp. 321 - 334
-  Mancini-Filho J, Van-Koij A, Mancini, D.A., Cozzolino, F.F. and Torres, R.P., (1998), Antioxidant activity of cinnamon (*Cinnamomum Zeylanicum*, Breyne) extracts, *Boll Chim Farm*, Vol. 137 (11), pp. 443–447
-  Mannan, N., Boucher, B.J. and Evans, S.J., (2000), Increased waist size and weight in relation to consumption of Areca catechu (betel-nut); a risk factor for increased glycaemia in Asians in east London, *Br J Nutr.*, Vol. 83(3), pp. 267-273
-  Marmot, M.G., Elliott, P., Shipley, M.J., Dyer, A.R., Ueshima, H., Beevers, D.G., Stamler, R., Kesteloot, H., Rose, G. and Stamler, J., (1994), Alcohol and blood pressure: the INTERSALT study, *BMJ*, Vol. 308, pp. 1263–1267
-  Maud, G., (2006), Garlic- A Modern Herbal. Hypertext version of the 1931 edition, Accessed, December 18
-  Merrit, K.L., (2007), Intensive life style for reversal of coronary heart disease, *JAMA*, Vol. 260 (23), pp. 345-349
-  Mills, S. and Bone, K., (2000), Principles and Practice of Phytotherapy: Modern Herbal Medicine. London: Churchill Livingstone•
-  Milner, J.A., (2001), Recent Advances on the Nutritional Effects Associated with the Use of Garlic as a Supplement; a Historical Perspective on Garlic and Cancer, *Journal of Nutrition*, Vol. 131, pp. 1027S-1031S
-  MMWR (2004), Prevalence of overweight and obesity among adults with diagnosed diabetes: United States, 1988-1992 and 1999-2002, *Morbidity and Mortality Weekly Repor*, Vol. 53, pp.1066–1068
-  Mohan, V., Mathur, P., Deepa, R., Deepa, M., Shukla, D.K. and Menon, G.R., (2008), Urban rural differences in prevalence of self reported diabetes in India – The WHO-ICMR Indian NCD risk factor surveillance, *Diabetes research and clinical practice*, In press.
-  Moore, E., (2006), Healing with herbal medicine and phytochemicals, Anti-inflammatory Herbs, *Auto immune disease*, October 21•
-















-  Mosdol, A., Witte, D.R., Frost, G., Marmot, M.G. and Brunner, E.J., (2007), Dietary glycemic index and glycemic load are associated with HDL cholesterol at baseline but not with increased risk of diabetes in the Whitehall II study, *Am. J. of Clinical Nutr.*, Vol. 86 (4), pp. 988 – 994
-  Mostaza, J.M., Schulz, I., Vega, G.L. and Grundy, S.M., (1997), Comparison of pravastatin with crystalline nicotinic acid monotherapy in treatment of combined hyperlipidemia, *Am. J. Cardiol.*, Vol. 79 (9), pp. 1298 – 1301
-  Muralidharan, R., (2007), Approach to person recently diagnosed with diabetes, *Natl Med India*, Vol. 20, pp. 89 – 92
-  Natella, *et al.*, (2007), Coffee drinking induces incorporation of phenolic acids into LDL and increases the resistance of LDL to ex vivo oxidation in humans, *Am. J. Clin. Nutr.*, Vol. 86, pp. 604 - 609 •
-  Nathan, D.M., Cleary, P.A., Backlund, J.Y., *et al.*, (2005), Intensive diabetes treatment and cardiovascular disease in patients with type 1 diabetes, *N Engl J Med*, Vol. 353, p.2643.
-  National Cholesterol Education Programme (2001), Executive summary of the third report of the NCEP expert panel on detection, evaluation and treatment of high cholesterol in adults, *JAMA*, Vol. 285 (19), pp. 2486 – 2497
-  NCEP (National Cholesterol Education Program) (2001), Cholesterol guidelines, *Current Med. Scene.*, pp. 1 - 8
-  NCEP, (1993), Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults, Summary of the second report of the national cholesterol education program expert panel on detection, evaluation, and treatment of high blood cholesterol in adults, *JAMA*, Vol. 269, p. 3015
-  Neelam, M and Elizabeth, A.M., (2005), Diabetes - the silent killer disease, *Health Action*, Vol. 18 (6), pp. 4 – 8
-  Nessa, R., (2004), The benefits of cinnamon and honey, *The Star magazine*, Vol. 1 (150), pp. 245-254
-  NIN (2004), Dietary guidelines for Indians – A manual, National Institute of Nutrition, Indian Council of Medical Research, pp. 44,57
-  NIN, (1983), Edited by Raghuramulu, N., Madhavan Nair, K and Kalyana Sundaram, S., ICMR
-













-  Ninfali, P., Mea, G., Giorgini, S., *et al.*, (2005), Antioxidant capacity of vegetables, spices and dressings relevant to nutrition, *Br J Nutr*, Vol. 93, pp. 257-266
-  Nishtar, S., (2003), <http://medind.nic.in/la>,
-  Oh, S.W., (2005), Association between Cigarette Smoking and Metabolic Syndrome, *Diabetes Care*, Vol. 28, pp. 2064-2066
-  Oi, Y., Imafuku, M., Shishido, C., Kominato, Y., Nishimura, S. and Iwai, K., (2001), Garlic supplementation increases testicular testosterone and decreases plasma corticosterone in rats fed a high protein diet, *Journal of Nutrition*, Vol. 131 (8), pp. 2150–2156
-  Okosun, I., Boltri, J., Anochie, L., *et al.*, (2004), Racial/ethnic differences in prehypertension in American adults: population and relative attributable risks of abdominal obesity, *J Hum Hypertens*, Vol. 1, pp. 849 – 855
-  Olendzki, B.S. and Domino, F.J., (2006), Nutritional assessment and counseling for prevention and treatment of cardiovascular disease, *American Family Physician*, Vol. 73, pp. 257 - 264
-  Olinto, M.T.A., Nacul, L.C., Gigante, D.P., Costa, J.S.D., Menezes, A.M.B. and Macedo, S., (2004), Waist circumference as a determinant of hypertension and diabetes in Brazilian women: a population based study, *Public health nutrition*, Vol. 7 (5), pp. 629 – 635
-  Ono, K., Hasegawa, K., Naiki, H. and Yamada, M., (2004), Curcumin has potent anti-amyloidogenic effects for Alzheimers beta amyloid fibrils in vitro, *J. Neurosci.*, Vol.75 (6), pp. 724 – 750
-  Orekhov, A.N. and Grunwald, J., (1997), Effects of garlic on atherosclerosis, *Nutrition*, Vol. 13 (7 – 8), pp. 656 – 663
-  Ornish, D. and Scherwiz, B., (2007), Intensive lifestyle change for reversal of coronary heart disease, *JAMA*, Vol. 280 (23), pp. 543 - 545
-  Ornish, D., (1990), Can lifestyle changes reverse coronary heart disease?, *The Lancet* , Vol. 336, pp.129-33
-  Owens, T., (2003), Morbid obesity: the disease and comorbidities, *Crit Care Nurs Q*, Vol. 26, pp. 162 – 165
-

-  Padmaja, S. and Raju, T.N. (2005), Protective effect of curcumin during selenium induced toxicity on dehydrogenases in hepatic tissue, *In. J. Physio. Pharmacol.*, Vol. 29 (1), pp.111 – 114
-  Pais, P., Fay, M.P. and Yusuf, S., (2001), Increased risk of acute myocardial infarction associated with beedi and cigarette smoking in Indians: final report on tobacco risks from a case-control study, *Indian Heart J*, Vol. 53 (6), pp. 731-735
-  Palmer, A.S., Stewart, J. and Fyfe, L., (1998), Antimicrobial properties of plant essential oils and essences against five important food borne pathogens, *Letters in Applied Microbiology*, Vol. 26, pp. 118 – 122
-  Parillo, M. and Riccardi, G., (2004), Diet composition and the risk of type 2 diabetes: epidemiological and clinical evidence, *Br. Jr. of Nutrition*, Vol. 92 (1), pp. 7 – 19
-  Parrado, A.P., (1996), People with diabetes should say 'Yes' to garlic, *Better nutrition*, September issue, p.34
-  Patterson, R., Frank, L., Kristal, A., *et al.*, (2004), A comprehensive examination of health conditions associated with obesity in older adults, *Am J Prev Med*, Vol. 27, pp. 385 – 390
-  Pereira, M.A., Jacobs, J.R., Pins, J.J., *et al.*, (2002), Effect of whole grains on insulin sensitivity in overweight hyperinsulinemic adults, *Am J Clin Nutr.*, Vol. 75, pp. 848–55
-  Perera, M. and Lumsden, M.A., (2000), Diabetes mellitus cardiovascular disease and hormone replacement therapy, *Reproductive Medicine Review*, Vol. 8 (2), pp. 153 – 172
-  Phan, T.T., *et al.*, (2007), Protective effects of curcumin against oxidative damage on skin cells in vitro: Its implication for wound healing, *J Trauma* Vol. 51, pp. 927-931●
-  Phyllis, B and James, B. (2000), Prescription for Nutritional Healing, 3rd ed., Avery Publishing, pp. 94
-  Platel, K. and Srinivasan, K., (2004), Digestive stimulant action of spices : A myth or reality?, *Indian J Med Res.*, Vol. 119, pp. 167-179
-  Pope, T.R., (2007), Unlocking the benefits of garlic, *New York Times*, October 15
-













-  Popkin, B.M., (2002), The shift in stages of the nutritional transition in the developing world differs from past experiences, *Public health nutrition*, Vol. 5, pp. 205 – 214
-  Poulouse, K.P., (2005), Control of diabetes mellitus, *Health action*, Vol. 18 (6), pp. 15
-  Prakash, V., (1990), Leafy spices, CRC Press, Florida, pp. 1 – 2
-  Prasad, R.C., Herzeg, B., Boone, B., Sims, L. and Waltner-Law, M., (2005), An extract of *Syzygium aromaticum* represses genes coding hepatic gluconeogenic enzymes, *Jr. of Ethinopharmacology*, Vol. 96 (1–2), pp. 295 – 301
-  Pruthi, J.S., (1999), Quality assurance in spices and spice products, Modern methods of analysis, Allied Publishers Ltd., Mumbai, pp. 67 – 70, 77,78, 216 - 219
-  Purnell, J.Q., Raj K. Dev, Michael W. Steffes, Patricia A. Cleary, Jerry P. Palmer, Irl B. Hirsch, John E. Hokanson, and John D. Brunzell, (2003), Relationship of Family History of Type 2 Diabetes, Hypoglycemia, and Auto antibodies to Weight Gain and Lipids With Intensive and Conventional Therapy in the Diabetes Control and Complications Trial, *Diabetes*, Vol. 52, pp. 2623 - 2629
-  Pyorala, K., Laakso, M. and Uusisupa, M., (1987), Diabetes and atherosclerosis: an epidemiological view, *Diabetes Metabolism Review*, Vol. 3, pp. 463 - 524
-  Rahman, K., (2007), Effects of garlic on platelet biochemistry and physiology, *Mol Nutr Food Res.*, Vol. 51 (11), pp. 1335 – 44
-  Raju, J., *et al.*, (2004), Diosgenin, a steroid saponin of *Trigonella foenum graecum* (Fenugreek), inhibits azoxymethane-induced aberrant crypt foci formation in F344 rats and induces apoptosis in HT-29 human colon cancer cells, *Cancer Epidemiol Biomarkers Prev*, Vol. 13 (8), pp.1392–1398.♦
-  Raju, S. and Bird, R.P., (2006), Alleviation of hepatic steatosis accompanied by modulation of plasma and liver TNF-alpha levels by *Trigonella foenum graecum* (fenugreek) seeds in Zucker obese (fafa) rats, *International Journal of Obesity*, Vol. 30 (8), pp. 1298 – 1307
-

- 📖 Ramachandran, A., Snehalatha, C., and Vijay, V., (2004), Low risk threshold for acquired diabetogenic factors in Asian Indians, *Diabetes research and clinical practice*, Vol. 65 (3), pp. 189 – 195
- 📖 Ramachandran, A., Snehalatha, C., Sasikala, R., Satyavani, K. and Vijay, V., (2000), Vascular complications in young Asian Indian patients with type 1 diabetes mellitus, *Diabetes Research and Clinical Practice*, Vol. 48 (1), pp. 51 – 56
- 📖 Rankinen, T., Perusse, L., Weisnagel, S.J., Snyder, E.E., Chagnon, Y.C. and Bouchard, C., (2002), The human obesity gene map: the 2001 update, *Obes Res.*, Vol. 10, pp. 196 – 243
- 📖 Rao, P.V., Ahiya, M.M. and Trivedi, B.B., (1998), Age – the most significant risk for diabetes in Indian population, *J. Ind. Med. Assoc.*, Vol. 96 (5), pp. 155 – 157
- 📖 Rao, S., Taylor, C.A., Hampi, J.S. and Johnston, C.S., (2000), Dietary practices for type II diabetes, *Eur. J. Clin. Nutr.*, Vol. 54, pp. 573 - 578
- 📖 Reddy, K.S., (1998), Rising burden of cardiovascular disease in India, In Sobhi kk (ed) coronary artery disease in Indians, a global perspective, Mumbai, *Cardiological society of India*, Dec. 10 – 13, pp. 63 - 72
- 📖 Reilly, B.M., (2003). Physical examination in the care of medical inpatients: an observational study, *Lancet*, Vol. 362 (9390), pp. 1100 – 1105
- 📖 Retnam, K.R. and De Britto, A.J., (2005), Pharmacognostic characterization and standardization of medicinal plant *Enicostema axillare*, *JMAPS*, Vol. 27 (3), pp. 609
- 📖 Rimm, E.B., Chan, J., Stampfer, M.J., Colditz, G.A. and Willett, W.C., (1995), Prospective study of cigarette smoking, alcohol use, and the risk of diabetes in men, *BMJ*, Vol. 310, pp. 555 – 559
- 📖 Rivlin, R.S., (2001), Historical perspective on the use of garlic, *J Nutrition*, Vol. 131(3S), pp. 951S – 954S
- 📖 Rohlfing, C., Wiedmeyer, H.M., Little, R., *et al.*, (2002), Biological variation of glycohemoglobin, *Clin. Chem.*, Vol. 48 (7), pp. 1116 – 1118
- 📖 Ruby, A.J., Kuttan, G., Babu, K.D., Rajasekharan, K.N. and Kuttan, R., (1995), Anti tumour and antioxidant activity of natural curcuminoids, *Cancer lett*, Vol. 94 (1), pp. 79 – 83
-














-  Rustenbeck, (2007), *Monatsschr pharm*, Vol. 30 (4), pp. 131 – 137
-  Sachdev and Chaudhari, (1994), Balanced nutrition is indispensable for achieving higher productivity,
-  Sadikot, S.M. *et al.*, (2004), The burden of diabetes and impaired fasting glucose in India using the ADA 1997 criteria: Prevalence of Diabetes in India Study (PODIS), *Diabetes Research and Clinical Practice*, Vol. 66 (3), pp. 293 – 300
-  Sahay, B.K. and Sahay, R.K., (2002), Lifestyle modification in management of diabetes mellitus, *J Indian Med Assoc.*, Vol. 100(3), pp. 178 - 80
-  Sahelian, (2006), Cinnamon extract prevents the insulin resistance induced by a high-fructose diet, *Horm Metab Res*, Vol.36(2), pp.119-125
-  Sahelian, R. and Dhandapani, K., (2002), Hypolipidemic effect of *Cuminum cyminum* L. on alloxan-induced diabetic rats, *Pharmacol Res*, Vol. 46(3), pp.251-255.
-  Sahelian, R., (2005), Heart disease natural treatment options – natural supplements that reduce the heart disease, *Diabetes care*, Vol. 27 (5), pp. 1047 – 1053
-  Sapre, S., Yadav, S. and Vardani, M., (2000), Effect of hysterectomy on glucose tolerance test, *Indian Medical Gazette*, Vol. CXXXIV (9), pp. 272 – 275
-  Sastry, M.S., (2000), Indian herbal pharmacopodia, *Anruth*, pp. 21, 25, 26
-  Saultz, J., Hamilton, A., *et al.*, (2007) Clinical inquiries., Which lifestyle interventions effectively lower LDL cholesterol? *J Fam Pract.*, Vol. 56(6), pp. 483 - 485•
-  Schmidt, M., Betti, G. and Hensel, A., (2007), Saffron in phytotherapy: pharmacology and clinical uses, *Wien Med Wochenschr*, Vol. 157(13-14), pp. 315-9
-  Science Daily, January 24, 2006
-  Scott, K., (2001), Medicinal seasonings, The healing power of spices, pp. 54
-  Shan, B., Cai, Y.Z., Sun, M. and Corke, H., (2005), Antioxidant capacity of 26 spice extracts and characterization of their phenolic constituents, *J. Agric. Food Chem.*, Vol. 53 (20), pp. 7749 – 7759
-













-  Shankar, S. and Srivastava, K.R., (2007), Bax and Bak genes are essential for maximum apoptotic response by curcumin, a polyphenolic compound and cancer chemopreventive agent derived from turmeric, *Curcuma longa*, *Carcinogenesis*, Vol. 28(6), pp. 1277 - 1286
-  Sharma, (2007), Intensive lifestyle changes for reversal of coronary heart disease, *JAMA*, Vol. 280, pp. 2001–2007
-  Sharma, A.K., Gupta, R., Gupta, H.P. and Singh, A.K., (2000), Haemodynamic effects of pan masala in healthy volunteers, *J Assoc Physicians India*, Vol. 48(4), pp. 400 - 401
-  Sharma, R.D. *et al.* (1996) Hypolipidemic effect of fenugreek seeds. *Phytotherapy Res.* 10:332-334.♦
-  Sheela, C.G. and Augusti, K.T., (1995), Effects of s-allyl cysteine sulfoxide isolated from *Allium sativum* Linn and guggulipid on some enzymes and fecal excretions of bile acids and sterols in cholesterol fed rats, *In. J. Exp. Biol.*, Vol. 33 (10), pp. 749 – 751
-  Sheila, G., (2007), Herbs and Spices for Good Health, retrieved on Dec 18, 2007, www.herbsspices.com
-  Shelef, L.A., (2008), Antimicrobial effects of spices, *Journal of Food Safety*, Vol. 6 (1), pp. 29 – 44
-  Shelmet, J.J., Reichard, G.A., Skutches, C.L., Hoeldtke, R.D., Owen, O.E. and Boden, G., (1988), Ethanol causes acute inhibition of carbohydrate, fat, and protein oxidation and insulin resistance, *J Clin Invest*, Vol. 81, pp. 1137 – 1145
-  Shobana, S. and Naidu, K.A. (2000), Antioxidant activity of selected Indian spices, *Prostaglandins Leukot Essent Fatty Acids*, Vol. 62, pp. 107 – 110
-  Sicree, S. and Maria, R., (2004), Perspectives in diabetes – A report, pp. 105 – 107
-  Signorino, M.D. and William, E., (2007), Diabetes mellitus pathophysiology, etiologies, complications, management by Maric Rita♦
-  Singh, R.B., Bajaj, S., Niaz, M.A., Rastogi, S.S. and Moshiri, M., (1998), Prevalence of type II diabetes mellitus and risk of hypertension and coronary artery disease in rural and urban population with low rates of obesity, *In. J. of Cardiology*, Vol. 66 (1), pp. 65 – 72
-
















- 📖 Singh, R.B., Niaz, M.A. and Ghosh, S., (1994), Hypolipidemic and antioxidant effects of *Commiphora mukul* as an adjunct to dietary therapy in patients with hypercholesterolemia, *Cardiovascular Drugs Therapy*, Vol. 8 (4), pp. 650 – 664
- 📖 Sivam, G.P., (2001), Protection against *Helicobacter pylori* and Other Bacterial Infections by Garlic, *Journal of Nutrition*, Vol. 131, pp. 1106S - 1108S
- 📖 Snowdon, D., (1985), Does a vegetarian diet reduce the occurrence of diabetes? *Am Jn Public Health*, Vol. 75, pp.507 - 512
- 📖 Solomon, T.P.J. and Blannin, A.K., (2007), Effects of short term cinnamon ingestion on *in vivo* glucose tolerance, *Diabetes, obesity and metabolism*, Vol. 9 (6), pp. 895 – 901
- 📖 Sovova, M. and Sova, P., (2004), Pharmaceutical importance of *Allium sativum L*, Hypolipidemic effects of *in vitro* and *in vivo*, *Ceska Slov Farm*, Vol 53 (3), pp. 117 - 123
- 📖 Srilakshmi, B., (1999), Food Science, New Age International Pvt Ltd., New Delhi, pp. 317 – 322, 326 - 328
- 📖 Srinivasan, K., (2005), Plant foods in the management of diabetes mellitus: Spices as beneficial antidiabetic food adjuncts, *International Journal of Food Science and Nutrition*, Vol. 56 (6), pp. 399 – 414
- 📖 Srinivasan, K., (2005), Spices as influencers of body metabolism: an overview of three decades of research, *Food Research International*, Vol. 38 (1), pp. 77 - 86
- 📖 Srinivasan, M.R. and Satyanarayana, M.N., (1988), Influence of capsaicin, eugenol, curcumin and ferulic acid on sucrose induced hypertriglyceridemia in rats, *Nutr. Rep. Int.*, Vol. 38 (3), pp. 571 – 581
- 📖 Srivastava, K.C., Bordia, A. and Verma, S.K., (1995), Curcumin, a major component of food spice turmeric (*Curcuma longa*) inhibits aggregation and alters eicosanoid metabolism in human blood platelets, *Prostaglandins Leukotrienes and Essential Fatty Acids*, Vol. 52 (4), pp. 223 – 227
- 📖 Stanfill, S.B., Brown, C.R., Yan, X.J., Watson, C.H. and Ashley, D.L., (2006), Quantification of flavor-related compounds in the unburned contents of bidi and clove cigarettes, *J Agric Food Chem.*, Vol. 54(22), pp. 8580-8588
-




-  Stevinson, C., Pittler, M.H. and Ernst, E., (2000), Garlic for treating hypercholesterolemia. A meta-analysis of randomized clinical trials, *Ann Intern Med* , Vol. 133, pp. 420-429
-  Stix, G., (2007), Spice Healer — An ingredient in curry shows promise for treating Alzheimer's, cancer and other diseases, *Scientific American.com*. January 14
-  Stone, N.J., (1996), Lipid management: current diet and drug treatment options, *Am. J. Med.*, Vol. 101 (4A), pp. 4A40S – 4A48S
-  Stoner, G.D. and Mukhtar, H., (1995), Polyphenols as cancer chemopreventive agents, *J. Cell Biochem. Suppl.*, Vol. 22, pp. 169 – 180
-  Suryanarayana, P., Saraswati, M., Mrudula, T., Krishna, T.P., Krishnaswamy, K. and Reddy, G.B., (2005), Curcumin and turmeric delay streptozotocin induced diabetic cataract in rats, *Invest. Ophthalmol. Vis. Science*, Vol. 46 (6), pp. 2092 - 2099
-  Swafford, S. and Berens, B., (2000), Effect of fenugreek on breast milk production, *ABM News and Views*, Vol. 6(3): Annual meeting abstracts Sept 11-13
-  Talpur, N., Echard, B., Ingram, C., Bagch, D. and Preuss, H., (2005), Effects of a novel formulation of essential oils on glucose– insulin metabolism in diabetic and hypertensive rats: a pilot study, *Diabetes, Obesity and Metabolism*, Vol. 7(2), p. 193
-  Tapsell, L.C., Hemphill, I., Cobiac, L., Patch, C.S., Sullivan, D.R., Fenech, M., Roodenrys, S., Keogh, J.B., Clifton, P.M., William, S.P.G., Fazio, V.A. and Inge, K.E., (2006), Health benefits of herbs and spices: the past, the present, the future, *Med J Aust.*, Vol. 21, pp. 185S4-24
-  The Medical Encyclopaedia (1975)
-  The Merck Manual of Medical Information, (2004), II edition
-  The UKPDS Study Group, (1990), U.K. Prospective Diabetes Study 7: response of fasting plasma glucose to diet therapy in newly presenting type II diabetic patients, *Metabolism*, Vol. 39, pp. 905 – 912
-  Third Report of the National Cholesterol Education Program (NCEP), (2002), Expert Panel on Detection, Evaluation and Treatment of High Blood
-

Cholesterol in Adults (Adult Treatment Panel III) Final Report, *Circulation*, Vol.106, p.3240

-  Thirunavukkarasu, V., *et al.*, (2003), Protective effect of fenugreek (*Trigonella foenum graecum*) seeds in experimental ethanol toxicity, *Phytother Res.*, Vol. 17 (7), pp. 737 – 743•
 -  Thompson, C.J.S. and Ernst, E., (2003), Herbs for serum cholesterol reduction: a systematic view, *J Fam Pract*, Vol. 52(6), pp. 468-478
 -  Thompson, G.R., (2004). Management of dyslipidaemia, *Heart*, Vol. 90, pp. 949 - 955
 -  Thorogood, M., (1990), Dietary intake and plasma lipid levels: lessons from a study of the diet of health conscious groups. *BMJ*, Vol. 300, pp.1297 - 1301
 -  Thorogood, M., (1994) Risk from death from cancer and ischaemic heart disease in meat and non meat-eaters, *BMJ*, Vol. 308, pp.1667 - 1671
 -  Tietz, (1990), Text book of Clinical Biochemistry, Clin. Chem. Lab. Med., WB Saunders Company
 -  Todd, C., (2002), Meeting the therapeutic challenge of the patient with osteoarthritis, *J Am Pharm Assoc (Wash)*, Vol. 42, pp. 74-82
 -  Trinder, P., (1969), Annual of Clinical Biochemistry, Vol. 6, p. 24
 -  Trivedi, G., Kullz, m. and Huz, L., (1978), Clinical Chemistry, Vol. 34, P. 345
 -  Trongtokit, Y., Rongsriyam, Y., Komalamisra, N. *et al.*, (2005), Comparative repellency of 38 essential oils against mosquito bites, *Phytother Res*, Vol. 19(4), pp. 303 - 309
 -  Tung, T.H., Chiu, Y.H., Chen, L.S., *et al.*, (2004), A population-based study of the association between areca nut chewing and type 2 diabetes mellitus in men (Keelung Community-based Integrated Screening programme No. 2), *Diabetologia*, Vol. 47(10), pp. 1776 - 1781
 -  Turner, J., (2004), Spice: The History of a Temptation. Knopf, Vintage Books, p. xv
 -  Unwin, N. and Marlin, A. (2004) Diabetes Action Now: WHO and IDF working together to raise awareness worldwide, Vol. 49(2), pp. 27-31
-

-  US Dept. of Health and Human Services (2000)
-  Verspohl, Eugen J. *et al.*, (2005), Antidiabetic effect of *Cinnamomum cassia* and *Cinnamomum zeylanicum* *In vivo* and *In vitro*, *Phytotherapy Research*, Vol. 19 (3), pp. 203 – 206
-  Vickers, M.H., Cupido, C. and Gluckman, D., (2007), Developmental programming of obesity and type 2 diabetes, *Fetal and maternal medicine review*, Vol. 18 (1), pp. 1 – 23
-  Vijayaraghavan, K and Rao, B., (2001), Time trends in diet and nutritional status of the elderly, Scientific programme and Abstract, XXXIV Annual conference of Nutrition Society of India, Dec. 5-6, p. 61
-  Vikram, N.K., Pandey, R.M., Misra, A., Sharma, R., Devi, R.J. and Khanna, N., (2003), Non obese Asian Indians with normal waist circumference have high cardiovascular risk, *Nutrition*, Vol. 19 (6), pp. 503 - 509
-  Vincent, J.B., (2007), Plenary lecture on Chromium and polyphenols from cinnamon improve insulin sensitivity, The summer meeting of the Nutrition Society, University of Ulster, Coleraine, 16 to 19 July
-  Wannamethee, S.G. and Shaper, A.G., (1998), Alcohol, coronary heart disease and stroke: an examination of the J-shaped curve, *Neuroepidemiology*, Vol. 17, pp. 288 – 295
-  Warshafsky, S., Kamer, R.S. and Sivak, S.L., (1993), Effect of garlic on total serum cholesterol: a meta-analysis, *Ann Intern Med*, Vol. 119, pp. 599-605
-  Washfield, N.G., Buccolo, G. and David, M. (1975), *Clinical Chemistry*, Vol. 19, p. 436
-  Wasmuth, H.E. and Kolb, H., (2000), Cows milk and immune mediated diabetes, *Proceedings of the Nutrition Society*, Vol. 59 (4), pp. 573 – 579
-  Watson, C.P., Evans, R.J., Watt, V.R. *et al.*, (1989), The post-mastectomy pain syndrome and the effect of topical capsaicin, *Pain*, Vol. 38, pp. 177-186
-  Watson, J. and Hamilton, W., (2008), Clinical features of type 2 diabetes before diagnosis and pathways to the diagnosis: a case control study, *Primary health care research and development*, Vol. 9 (1), pp. 41 – 48
-

-  Wei, Z. and Lau, B.H.S., (1998), Garlic inhibits free radical generation and augments antioxidant enzyme activity in vascular endothelial cells, *Nutrition Research*, Vol. 18 (1), pp. 61 – 70
-  Welborn, T.A., Dhaliwal, S.S. and Bennett, S.A., (2003), Waist–hip ratio is the dominant risk factor predicting cardiovascular death in Australia, *The Medical Journal of Australia*, Vol. 179 (11/12), pp. 580 - 585
-  Wessler, S., Muenzner, P., Meyer, T.F. and Naumann, M., (2005), The anti-inflammatory compound curcumin inhibits *Neisseria gonorrhoeae* induced NF kappaB signaling release of pro-inflammatory cytokines / chemokines and attenuates adhesion in late infection, *Biol. Chem.*, Vol. 386 (5), pp. 481 – 490
-  WHO (1994), World Health Forum, Geneva
-  WHO, (1998), The World Health Report, Life in the 21st century: a vision for all, World Health Forum, WHO, Geneva
-  WHO, (1999), Malnutrition in adolescence and adults: Management of severe malnutrition a manual for physician and other senior health workers, WHO, Geneva, pp. 37 - 42
-  WHO, (2002), Diet, physical activity and health, Geneva.
-  WHO, (2005), Preventing chronic diseases, a vital investment, Geneva
-  Wood, S., (2006), Cinnamon and cloves: benefits in diabetes probed, *Exp. Biology*, Vol.18, pp. 545–548
-  World Health Report (2004), World Health Forum, WHO, Geneva, Vol. 16(4), pp. 4 – 6
-  World Health Report, (1998), Life in the 21st century: a vision for all, Geneva, WHO, p. 98
-  www.herbwisdom.com
-  www.keralaspices.com
-  www.spiceskerala.com.
-  Year book of India (2000), p. 231
-

-  Yusuf, S., (2004), Effect of potentially modifiable risk factors associates with myocardial infarction in 52 countries (the inter heart study) case control study, *Lancet*, Vol. 364, pp. 937 – 952
-  Zak, V., (2006), *The Magic Teaspoon*, Penguin group, USA •
-  Zohary, D and Hopf, M., (2004), *Domestication of plants in the Old World*, third edition, Oxford: University Press, p. 197

