

Mangosteen Reference List

(2003). "Oligomeric Proanthocyanidins (OPCs)." Alternative Medicine Review **8**(4): 442-450.

Ames, B. (1983). "Dietary carcinogens and anticarcinogens; oxygen radicals and degenerative diseases." Science **221**: 1256-1263.

Ames, B., M. Shigenaga, et al. (1993). "Oxidants, antioxidants, and the degenerative diseases of aging." Proc. Nat. Acad. Sci. **90**: 7915-7922.

Asai, F., M. Iinuma, et al. (1995). "A xanthone from pericarps of *Garcinia mangostana*." Phytochemistry **39**(4): 943-944.

Balasubramanian, K. and K. Rajagopalan (1988). "Novel xanthones from *Garcinia mangostana*, structures of BR-xanthone-A and BR-xanthone-B." Phytochemistry **27**(5): 1552-1554.

Bani, D., L. Giannini, et al. (2006). "Epigallocatechin-3-Gallate Reduces Allergen-Induced Asthma-Like Reaction in Sensitized Guinea Pigs." J Pharmacol Exp Ther **317**(3): 1002-1011.

Barrett, O. (1912). "The Genus *Garcinia*: The mangosteen and related species." Philippine Journ. of Science: 66-72.

Beccari, O. (1904). Wanderings in the great forests of Borneo; travels and researches of a naturalist in Sarawah. London, Archibald Constable & Co.

Begum, N., C. Gopalakrishnan, et al. (1982). "Anti-ulcer and anti microbial activities of Gartanin, a xanthone from *Garcinia Mangostana* Linn. ." Bull Islam. **2**(20): 518-521

Benemerito, A. N. (1936). "The *Garcinia* of South China (Guttiferae)." Lingnan Sci. Journ. **15**: 57-66.

Bennett, G. and H. Lee (1989). "Xanthones from Guttiferae." Phytochemistry **28**: 967-998.

Bennett, G. J., H. H. Lee, et al. (1990). "Biosynthesis of Mangostin. Part 1: The origin of the xanthone skeleton." J. Chem. Soc. Perkin Trans.: 2671-2676.

Bennett, G. J., L. P. Lee, et al. (1990). "Synthesis of minor xanthones from *Garcinia mangostana*." Journal of natural products **53**(6): 1463-1470.

Bentley, R. (1867). "Note on the substitution of Mangosteen (*Garcinia mangostana*) for Bael (Agle marmelos)." Pharm Journ **8**(2): 654-655.

Bhakuni, D., A. Goel, et al. (1990). "Screening of Indian plants for biological activity." Indian J Exp Biol **28**: 619-637.

Broadway, W. E. (1892). "The Mangosteen, *Garcinia mangostana*." Gard. Chron. **12**(3): 78-79.

Broadway, W. E. (1918). "The cultivated fruits, and nuts, Of Trinidad and Tobago." Trinidad and Tobago Dept. Agr. Bul. **17**: 19-28.

Buenz, E., B. Bauer, et al. (2006). "Searching historical herbal texts for potential new drugs." bmj **333**: 1314-1315.

Buenz, E., H. Johnson, et al. (2004). "Bioprospecting Rumphius's Ambonese Herbal: Volume I." Journal of Ethnopharmacology **96**: 57-70.

Bullangpoti, V. (2004). "Effects of mangosteen's peels and rambutan's seeds on toxicity, esterase and glutathione-S-transferase in rice weevils." 42nd Kasetsart University Ann Conf: 224-31.

Caius, J. (1986). The Medicinal and Poisonous Plants of India. Jodhpur, India, Scientific Publishers.

Chairungrilerd, N., K. Furukawa, et al. (1996). "Histaminergic and serotonergic receptor blocking substances from the medicinal plant *Garcinia mangostana*." Planta Med **62**(5): 471-472.

Chairungrilerd, N., K. Furukawa, et al. (1996). "Pharmacological properties of alpha-mangostin, a novel histamine H1 receptor antagonist." Eur J Pharmacol **314**(3): 351-356.

Chairungrilerd, N., K. Furukawa, et al. (1998). "Effect of gamma-mangostin through the inhibition of 5-hydroxy-tryptamine_{2A} receptors in 5-fluoro-alpha-methyltryptamine-induced head-twitch responses of mice." Br J Pharmacol **123**(5): 855-862.

Chairungrilerd, N., K. I. Furukawa, et al. (1998). "Gamma-mangostin, a novel type of 5-hydroxytryptamine 2A receptor antagonist." Naunyn Schmiedebergs Arch Pharmacol **357**(1): 25-31.

Chairungrilerd, N., S. Nozoe, et al. (1996). "Mangostanol, a prenyl xanthone from *Garcinia mangostana*." Phytochemistry **43**(5): 1099-1102.

Chanarat, P., N. Chanarat, et al. (1997). "Immunopharmacological activity of polysaccharide from the pericarp of mangosteen *Garcinia mangostana*: phagocytic intracellular killing activities." J Med Assoc Thai **80** (1): 149-154.

Chen, L.-G., L.-L. Yang, et al. (2008). "Anti-inflammatory activity of mangostins from *Garcinia mangostana*." Food and Chemical Toxicology **46**(2): 688-693.

- Chen, S. X., M. Wan, et al. (1996). "Active constituents against HIV-1 protease from *Garcinia mangostana*." Planta Med **62**(4): 381-382.
- Chiang, L.-C., H.-Y. Cheng, et al. (2004). "In vitro evaluation of antileukemic activity of 17 commonly used fruits and vegetables in Taiwan." Lebensmittel-Wissenschaft & -Technologie/Food Science & Technology **37**(5): 539-544.
- Chomnawang, M., S. Surassmo, et al. (2005). "Antimicrobial effects of Thai medicinal plants against acne-inducing bacteria." Ethnopharmacology **101**(1-3): 330-3.
- Chomnawang, M., S. Surassmo, et al. (2007). "Effect of *Garcinia mangostana* on inflammation caused by *Propionibacterium acnes*." Fitoterapia **78**(6): 401-8.
- Chopra, R., S. Nayar, et al. (1956). Glossary of Indian Medicinal Plants. New Delhi.
- Chuakul, W. (1992). Thai Medicinal Plants. Bangkok, Prachachon Co., Ltd.
- Combs, R. (1897). "Cuban medicinal plants " Pharm. Rev. **15**: 87-91.
- Dharmaratne, H. (2005). "Antibacterial activity of alpha-mangostin against vancomycin resistant Enterococci (VRE) and synergism with antibiotics." Phytomedicine **12**(3): 203-8.
- Dharmaratne, H., K. Piyasena, et al. (2005). "A geranylated biphenyl derivative from *Garcinia malvostana*." Nat Prod Res **19**(3): 239-43.
- Dragendorff, O. (1931). "Ueber das harz von *Garcinia mangostana* L." Justus Liebigs Ann. der Chem. **482**: 280-301.
- Du, C. T. and F. J. Francis (1977). Anthocyanins of mangosteen, *Garcinia mangostana*. Journal of food science: 1667-1668.
- Duke, J. A. (1986). CRC handbook of proximate analysis tables of higher plants. Florida, CRC Press, Inc.
- Duke, J. A. and J. L. duCellier (1993). CRC Handbook of Alternative Cash Crops. Boca Raton, CRC Press.
- Dutta, P., A. Sem, et al. (1987). Indian Journal of Chemistry **26B**: 281.
- Ee, G., S. Daud, et al. (2006). "Xanthones from *Garcinia mangostana* (Guttiferae)." Nat Prod Res **20**(12): 1067-73.
- Ee, G., S. Izaddin, et al. (2004). "Secondary metabolites from *Annona*, *Garcinia*, *Mesua* and *Piper* species and their larvicidal properties." Tropical Biomedicine **21**(1): 23-29.

Ellis, J. (1710-1776). A Description of the Mangostan and the Bread-fruit. London, Royal Societies of London and Upsal.

Engstrand, L. (1982). "Mangostan och andra exotiska frukter." Svensk botanisk tidskrift **76**(1): 5-8.

Facciotti, M. T., P. B. Bertain, et al. (1999). "Improved stearate phenotype in transgenic canola expressing a modified acyl-acyl carrier protein thioesterase." Nat Biotechnol **17**(6): 593-597.

Fain, O. (2004). "Vitamin C deficiency." Rev Med Interne. **25**(12): 872-80.

Fairchild, D. (1903). "The mangosteen, queen of tropical fruits." Soc. Hort. Sci. Proc.: 14-15.

Fairchild, D. (1915). "The Mangosteen." J Genetics **6**: 339-347.

Fairchild, D. (1915). "The Mangosteen: "Queen of Fruits" Now almost confined to Malayan Archipelago, but can be acclimated in many parts of tropics-Experiments in America-Desirability of widespread cultivation." J Hered **6**: 339-347.

Fan, C. and J. Su (1997). "Antioxidative mechanism of isolated components from methanol extract of fruit hulls of *Garcinia mangostana* L." Journal of Chinese Agricultural Chemical Society **35**(5): 540-551.

Feldkamp, C. L. (1946). The Mangosteen: A list of references. Dept of Agric. Lab. U. S. D. o. A. Library, Washington, D.C.: 29.

Feng, J., T. Yamakuni, et al. (2004). "Potent antioxidant activity of unripe fruits of *Garcinia mangostana* L." Natural Medicines **58**: 156-159.

Fu, C., A. Loo, et al. (2007). "Oligomeric proanthocyanidins from mangosteen pericarps." J Agric Food Chem **55**(19): 7689-94.

Furukawa, K., N. Chairungsrilerd, et al. (1997). "[Novel types of receptor antagonists from the medicinal plant *Garcinia mangostana*]." Nippon Yakurigaku Zasshi **110 Suppl 1**: 153P-158p.

Furukawa, K., K. Shibusawa, et al. (1996). "The mode of inhibitory action of alpha-mangostin, a novel inhibitor, on the sarcoplasmic reticulum Ca(2+)-pumping ATPase from rabbit skeletal muscle." Jpn J Pharmacol **71**(4): 337-340.

Gales, L. and A. Damas (2005). "Xanthones-A structural perspective." Current Medicinal Chemistry **12**: 2499-2515.

Garcin, L. (1735). "The settling of a new Genus of plants, called after the Malayans, Mangostans." Roy. Soc. Ondon, Phil Trans **38**: 232-242.

Garnett, M. and S. Sturton (1932). "G. mangostana in the treatment of amoebic dysentery." Chiness Med J **46**(10): 969-973

Geissler, J. G. V. a. C. (1997). The New Oxford Book of Food Plants. The New Oxford Book of Food Plants. J. G. V. a. C. Geissler, Oxford University Press: 239 pp.

Gopalakrishnan, C., D. Shankaranarayanan, et al. (1980). "Effect of mangostin, a xanthone from *Garcinia mangostana* Linn. in immunopathological & inflammatory reactions." Indian J Exp Biol **18**(8): 843-846.

Gopalakrishnan, G. and B. Balaganesan (2000). "Two novel xanthenes from *Garcinia mangostana*." Fitoterapia **71**(5): 607-609.

Gopalakrishnan, G., B. Banumathi, et al. (1997). "Evaluation of the antifungal activity of natural xanthenes from *Garcinia mangostana* and their synthetic derivatives." J Nat Prod **60**(5): 519-524.

Govindachari, T. R., B. R. Pai, et al. (1971). Isolation of three new xanthenes from *Garcinia mangostana* Linn. Indian journal of chemistry: 505-506.

Govindachari, T. R., B. R. Pai, et al. (1971). Xanthenes of *Garcinia mangostana* Linn. Tetrahedron: 3919-3926.

Guha Bakshi, D., P. Sensarma, et al. (2001). A Lexicon of Medicinal Plants in India. Calcutta, India, Naya Prokash.

Hamada, M., K. Iikubo, et al. (2003). "Biological activities of alpha-mangostin derivatives against acidic sphingomyelinase." Bioorg Med Chem Lett **13**(19): 3151-3153.

Harborne, J. and H. Baxter (1983). Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. London, Taylor & Frost.

Harrison, L. J. (2002). "Xanthenes from the heartwood of *Garcinia mangostana*." Phytochemistry **60**(5): 541-548.

Haruenkit, R., S. Poovarodom, et al. (2007). "Comparative Study of Health Properties and Nutritional Value of Durian, Mangosteen, and Snake Fruit: Experiments In vitro and In vivo." J. Agric. Food Chem.

Hawkins, D. J. and J. C. Kridl (1998). "Characterization of acyl-ACP thioesterases of mangosteen (*Garcinia mangostana*) seed and high levels of stearate production in transgenic canola." Plant J **13**(6): 743-752.

Ho, C., Y. Huang, et al. (2002). "Garcinone E, a xanthone derivative, has potent cytotoxic effect against hepatocellular carcinoma cell lines." Planta Med **68**(11): 975-979.

Holloway, D. M. and F. Scheinmann (1975). Phenolic compounds from the heartwood of *Garcinia mangostana*. Phytochemistry: 2517-2518.

Hooker, W. (1851). Kew Gardens: A Popular Guide to the Royal Botanic Gardens of Kew. London, Longman, Brown, Green, and Longmans.

Hopert, A. C., A. Beyer, et al. (1998). "Characterization of estrogenicity of phytoestrogens in an endometrial-derived experimental model." Environ Health Perspect **106**(9): 581-586.

Huang, Y. L., C. C. Chen, et al. (2001). "Three xanthenes and a benzophenone from *Garcinia mangostana*." J Nat Prod **64**(7): 903-906.

Iinuma, M., H. Tosa, et al. (1996). "Antibacterial activity of xanthenes from guttiferaceous plants against methicillin-resistant *Staphylococcus aureus*." J Pharm Pharmacol **48**(8): 861-865.

Jefferson, A., K. Y. Sim, et al. (1970). Studies in the xanthone series. xvIII. isolation of gamma-mangostin from *Garcinia mangostana*, and preparation of the natural mangostins by selective demethylation. Australian J Chem: 2539-2543.

Jessica Hsu, G. S., Mitchel Goldman (2007). "Evaluating the efficacy in improving facial photodamage with a mixture of topical antioxidants." Journal of Drugs in Dermatology **6**(11): 8.

Ji, X., B. Avula, et al. (2007). "Quantitative and qualitative determination of six xanthenes in *Garcinia mangostana* L. by LC-PDA and LC-ESI-MS." J Pharm Biomed Anal. **43**(4): 1270-1276.

Ji, X., B. Avula, et al. (2007). "Quantitative and qualitative determination of six xanthenes in *Garcinia mangostana* L. by LC-PDA and LC-ESI-MS.(Author abstract)." Journal of Pharmaceutical and Biomedical Analysis **43**(4): 1270(7).

Jinsart, W., B. Ternai, et al. (1992). "Inhibition of wheat embryo calcium-dependent protein kinase and other kinases by mangostin and gamma-mangostin." Phytochemistry **31**(11): 3711-3713.

Jiwajinda, S., V. Santisopasri, et al. (2002). "Supressive effects of edible Thai plants on superoxide and nitric oxide generation." Asian Pac J Cancer Prev. **3**: 215-233.

Juijio Asai, H. T., Toshiyuki Tanaka, Munekazu Irnuma (1995). "A xanthone from the pericarps of *Garcinia mangostana*." Phytochemistry **39**(4): 2.

Jung HA, Su BN, et al. (2006). "Antioxidant xanthenes from the pericarp of *Garcinia mangostana* (Mangosteen)." J Agric Food Chem **54**(6): 2077-82.

Kanchanapoom, K. and M. Kanchanapoom (1998). Tropical and subtropical fruits: Mangosteen. Auburndale, Fla., Agscience.

Kevin, K. (1994). "Take a walk on the wild side: exotic fruits add unique flair to flavor systems in this handbook of tropical fruit flavors. (includes list of suppliers)." Food Processing **v55**(n5): p27(4).

Khan, N. U. (1991). "Phytochemical studies on Indian medicinal plants." Recent Advances in Medicinal, Aromatic & Spince Crops **1**: 113-118.

Kim, S.-H., H.-J. Park, et al. (2006). "Epigallocatechin-3-gallate protects toluene diisocyanate-induced airway inflammation in a murine model of asthma." FEBS Letters **580**(7): 1883-1890.

Kingsley, C. (1890). Glaucus; Or, The Wonders of the Shore, Macmillan.

Kirtikar, K. and B. Basu (1999). Indian Medicinal Plants. Dehra Dun, India, International Book Distributors

Krishnapilly, B., M. Marzalina, et al. (1993). "Seeds and fruits of some common tropical species used as medicine by folk healers." Bulletin FRIM **3**(2): 9-11.

Lee, H. H. (1981). "Synthesis of the mangostins." Journal of the Chemical Society. Perkin transactions I: Organic and bio-organic chemistry(12): 3205-3213.

Leeuwenberg, A. (1987). Medicinal and poisonous plants of the tropics. Wageningen, Netherlands, Centre for Agriculture Publishing and Documentation.

Leong, L. and G. Shui (2002). "An investigation of antioxidant capacity of fruits in Singapore markets." Food Chemistry **76**: 69-75.

Leontowicz, H., M. Leontowicz, et al. (2006). "Bioactive properties of Snake fruit (*Salacca edulis* Reinw) and Mangosteen (*Garcinia mangostana*) and their influence on plasma lipid profile and antioxidant activity in rats fed cholesterol." Eur Food Res Technol **223**: 697-703.

Likhitwitayawuid, K., T. Phadungcharoen, et al. (1998). "Antimalarial xanthenes from *Garcinia cowa*." Planta Med **64**(1): 70-72.

Lin, C., S. Liou, et al. (1996). "Xanthone derivatives as potential anti-cancer drugs." J Pharm Pharmacol **48**: 539-544.

- Liu, R. H. (2003). "Health benefits of fruit and vegetables are from additive and synergistic combinations of phytochemicals." Am J Clin Nutr **78**(3): 517S-520.
- Lu, Z. X., M. Hasmeda, et al. (1998). "Inhibition of eukaryote protein kinases and of a cyclic nucleotide-binding phosphatase by prenylated xanthenes." Chem Biol Interact **114**(1-2): 121-140.
- Mackay, D. (1985). In the wake of Cook; Exploration, Science & Empire, 1780-1801. New York, St. Martin's Press.
- MacLeod, A. J. and N. M. Pieris (1982). "Volatile flavour components of mangosteen, *Garcinia mangostana*." Phytochemistry **21**(1): 117-119.
- Mahabusakam, W., C. Pakawatchai, et al. (1998). "Bicyclomangostin: A new acid-catalysed cyclization product from mangostin." Aust. J. Chem. **51**(3): 6.
- Mahabusakam, W., S. Phongpaicht, et al. (1983). "Screening of antibacterial activity of chemicals from *Garcinia mangostana*." Warasan Songkhla Nakkharin **5**(4): 337-9.
- Mahabusakam, W., S. Phongpaicht, et al. (1983). "Screening of antifungal activity of chemicals from *Garcinia mangostana*." Warasan Songkhla Nakkharin **5**(4): 341-2.
- Mahabusakam, W., P. Wiriyachitra, et al. (1987). "Chemical constituents of *Garcinia mangostana*." J Nat Prod **50**: 474-78.
- Mahabusarakam W, Kuaha K, et al. (2006). "Prenylated xanthenes as potential antiplasmodial substances." Planta Med **72**(10): 912-6.
- Mahabusarakam W, I. P., Saowaluk P. (1986). "Antimicrobial activities of chemical constituents from *Garcinia Mangostana* Linn." J Sci Soc Thailand **12**: 239-242.
- Mahabusarakam, W., J. Proudfoot, et al. (2000). "Inhibition of lipoprotein oxidation by prenylated xanthenes derived from mangostin." Free Radic Res **33**(5): 643-659.
- Marcason, W. (2006). "What are the facts and myths about mangosteen?" J Am Diet Assoc. **106**(6): 986.
- Marona, H., E. Pekala, et al. (2001). "Pharmacological properties of some aminoalkanolic derivatives of xanthone." Pharmazie **56**: 567-572.
- Matsumoto, K., Y. Akao, et al. (2003). "Induction of apoptosis by xanthenes from mangosteen in human leukemia cell lines." J Nat Prod **66**(8): 1124-1127.
- Matsumoto, K., Y. Akao, et al. (2005). "Xanthenes induce cell-cycle arrest and apoptosis in human colon cancer DLD-1 cells." Bioorg Med Chem **13**: 6064-6069.

- Matsumoto, K., Y. Akao, et al. (2004). "Preferential target is mitochondria in alpha-mangostin-induced apoptosis in human leukemia HL60 cells." Bioorg Med Chem **12**: 5799-5806.
- McKenna, D. J., K. Hughes, et al. (2000). "GREEN TEA MONOGRAPH." Alternative Therapies in Health & Medicine **6**(3): 61.
- Moongkarndi, P., N. Kosem, et al. (2004). "Antiproliferation, antioxidation and induction of apoptosis by *Garcinia mangostana* (mangosteen) on SKBR3 human breast cancer cell line." J Ethnopharmacol **90**(1): 161-166.
- Moongkarndi, P., N. Kosem, et al. (2004). "Antiproliferative activity of Thai medicinal plant extracts on human breast adenocarcinoma cell line." Fitoterapia **75**(3-4): 375-7.
- Moore, L. (2005). Maharanis: The Lives and Times of Three Generations of Indian Princesses, Penguin Books.
- Morton, J. (1987). Fruits of warm climates. Miami.
- Mouhot, H. (1864). Travels in Siam, Cambodia, Laos and Annam. London, White Lotus Press.
- Munekazu, I., T. Hideki, et al. (1996). "Antibacterial activity of xanthenes from guttiferaceous plants against methicillin-resistant *Staphylococcus aureus*." Journal of pharmacy and pharmacology **48**: 861-865.
- Nabandith, V., M. Suzui, et al. (2004). "Inhibitory effects of crude alpha-mangostin, a xanthone derivative, on two different categories of colon preneoplastic lesions induced by 1, 2-dimethylhydrazine in the rat." Asian Pac J Cancer Prev. **5**(4): 433-8.
- Nakagawa, Y., M. Iinuma, et al. (2007). "Characterized mechanism of [alpha]-mangostin-induced cell death: Caspase-independent apoptosis with release of endonuclease-G from mitochondria and increased miR-143 expression in human colorectal cancer DLD-1 cells." Bioorganic & Medicinal Chemistry **15**(16): 5620-5628.
- Nakatani, K., M. Atsumi, et al. (2002). "Inhibitions of histamine release and prostaglandin E2 synthesis by mangosteen, a Thai medicinal plant." Biol Pharm Bull **25**(9): 1137-1141.
- Nakatani, K., N. Nakahata, et al. (2002). "Inhibition of cyclooxygenase and prostaglandin E2 synthesis by gamma-mangostin, a xanthone derivative in mangosteen, in C6 rat glioma cells." Biochem Pharmacol **63**(1): 73-79.
- Nakatani, K., T. Yamakuni, et al. (2004). "gamma-Mangostin inhibits inhibitor-kappaB kinase activity and decreases lipopolysaccharide-induced cyclooxygenase-2 gene expression in C6 rat glioma cells." Mol Pharmacol **66**(3): 667-74.

- Nilar. and L. J. Harrison (2002). "Xanthones from the heartwood of *Garcinia mangostana*." Phytochemistry **60**(5): 541-548.
- Norum, K. and H. Grav (2002). "Axel Holst and Theodor Frolich--pioneers in the combat of scurvy." Tidsskr Nor Laegeforen **122**(17): 1686-7.
- Ohr, L. M. (2007). "Fruits pack a punch.(NUTRACEUTICALS)(fruits with high nutritional value)." Food Technology **61**(8): 75-78.
- Okudaira, C., Y. Ikeda, et al. (2000). "Inhibition of acidic sphingomyelinase by xanthone compounds isolated from *Garcinia speciosa*." J Enzyme Inhib **15**(2): 129-138.
- Othman, Y. and H. D. Tindall (1995). Mangosteen cultivation / Othman Yaacob and H.D. Tindall. FAO plant production and protection papers ; 129, Rome : Food and Agriculture Organization of the United Nations, c1995.
- Page, S., M. (2002). What is the most exotic fruit in the World? Marco Island Eagle.
- Parveen, M., P. K. Dutta, et al. (1991). "A triterpene from *Garcinia mangostana*." Phytochemistry **30**(1): 361-362.
- Parveen, M. and N. U. Khan (1988). "Two xanthones from *Garcinia mangostana*." Phytochemistry **27**(11): 3694-3696.
- Passwater, R. "The free-radical theory of aging: Part I: How it all began; an interview with Dr. Denham Harman."
- Peres, V., T. Nagem, et al. (2000). "Tetraoxygenated naturally occurring xanthones." Phytochemistry **55**: 683-710.
- Perry, L. and J. Metzger (1980). Medicinal plants of East and Southeast Asia: Attributed Properties and Uses. Cambridge, Massachusetts, MIT Press.
- Phongpaichit S, Rungjindamai N, et al. (2006). "Antimicrobial activity in cultures of endophytic fungi isolated from *Garcinia* species." FEMS Immunol Med Microbiol.
- Phongpaicht, O., L. Nilrat, et al. (1994). "Antibacterial activities of extracts from *Garcinia mangostana* pericarp on methicillin-resistant *Staphylococcus aureus* and enterococcus species." Songklanakarinn Journal of Sciences and Technology **16**(4): 399-405.
- Pinto, M., M. Sousa, et al. (2005). "Xanthone derivatives: New insights in biological activities." Current Medicinal Chemistry **12**: 2517-2538.

Pongphasuk, N., W. Khunkitti, et al. (2005). "Anti-inflammatory and analgesic activities of the extract from *Garcinia mangostana* Linn." Traditional Medicine & Nutraceuticals **6**: 125-130.

Popene (1932). The Oxford Companion to Food.

Portanova, J., Y. Zhang, et al. (1996). "Selective neutralization of prostaglandin E2 blocks inflammation, hyperalgesia and interleukin 6 production in vivo." J Exp Med **184**(883-891).

Preston, D. and M. Preston (2005). A Pirate of Exquisite Mind—Explorer, Naturalist and Buccaneer: The Life of William Dampier. NY., Walker & Co.

Rassameemasmaung, S., A. Sirikulsathean, et al. (2007). "Effects of herbal mouthwash containing the pericarp extract of *Garcinia mangostana* L on halitosis, plaque and papillary bleeding index." J Int Acad Periodontol **9**(1): 19-25.

Redhead, J. and M. Boelen (1990). Utilization of tropical foods: fruits and leaves. Rome, Italy, Food and agriculture organization of the united nations.

Riscoe, M., J. Kelly, et al. (2005). "Xanthones as antimalarial agents: Discovery, mode of action, and optimization." Current Medicinal Chemistry **12**: 2539-2549.

Roberts, J. C. (1961). "Naturally Occuring Xanthones." Chemical Reviews **61**(6): 591-605.

Sakagami, Y., M. Iinuma, et al. (2005). "Antibacterial activity of alpha-mangostin against vancomycin resistant *Enterococci* (VRE) and synergism with antibiotics." Phytochemistry **12**(3): 203-8.

Sakai, S., M. Katsura, et al. (1993). "The structure of garcinone E." Chem Pharm Bull **41**(5): 958-960.

Saralamp, P., W. Chuakul, et al. (1996). Medicinal Plants in Thailand. Bangkok, Siambooks and Publications.

Sato, A., H. Fujiwara, et al. (2004). "Alpha-mangostin induces Ca²⁺-ATPase-dependent apoptosis via mitochondrial pathway in PC12 cells." J Pharmacol Sci. **95**(1): 33-40.

Schmid, W. (1855). "Isolation of mangostin from *Garcinia Mangostana* Linn." Liebigs Ann **93**(83): 83-88.

Sen, A. K., N. Banerji, et al. (1981). "Minor xanthones of *Garvinia mangostana*." Phytochemistry **20**(1): 183-185.

Sen, A. K., K. K. Sarkar, et al. (1986). Indian Journal of Chemistry **25B**(1157).

- Sen, A. K., R. Uusvuori, et al. (1980). "A xanthone from *Garcinia mangostana*." Phytochemistry **19**(10): 2223-2225.
- Sen, A. K., R. Uusvuori, et al. (1982). "The structures of garcinones A, B and C: three new xanthenes from *Garcinia mangostana*." Phytochemistry **21**(7): 1747-1750.
- Settheetham, W. and T. Ishida (1995). "Study of genotoxic effects of antidiarrheal medicinal herbs on human cells in vitro." Southeast Asian J Trop Med Public Health **26 Suppl 1**: 306-310.
- Shankaranarayan, D., C. Gopalakrishnan, et al. (1979). "Pharmacological profile of mangostin and its derivatives." Arch Int Pharmacodyn Ther **239**(2): 257-269.
- Sharon, N. Go, go, mangosteen. New Straits Times (Malaysia).
- Sindermsuk, J. and S. Deekijsermphonng (1989). "The antibacterial activities of crude extract from the fruit hull of *Garcinia mangostana* on enteric pathogens and intestinal commensal." Bull Dept Med Serv **14**(6): 421-6.
- Singhasivanon, P., K. Thimasarn, et al. (1999). "Malaria in tree crop plantations in south-eastern and western provinces of Thailand." Southeast Asian J Trop Med Public Health **30**(3): 399-404.
- Somboonpanya, P. (2001). "Sigmoid colon perforation by ingested *Sandorica* seed." J Med Assoc Thai **84**(12): 1751-1753.
- Sorenson, J. (2005). "Ancient voyages across the ocean to America." J. BofM Studies **14**(1): 2-14.
- Stout, G. (1956). Studies in the chemistry of mangostin and some nitric acid oxidations. Department of Chemistry. Cambridge, Massachusetts, Harvard University. **Ph.D.:** 80.
- Suksamrarn, S., O. Komutiban, et al. (2006). "Cytotoxic prenylated xanthenes from the young fruit of *Garcinia mangostana*." Chem Pharm Bull **54**(3): 301-305.
- Suksamrarn, S., N. Suwannapoch, et al. (2003). "Antimycobacterial activity of prenylated xanthenes from the fruits of *Garcinia mangostana*." Chem Pharm Bull (Tokyo) **51**(7): 857-859.
- Suksamrarn, S., N. Suwannapoch, et al. (2002). "Xanthenes from the green fruit hulls of *Garcinia mangostana*." J Nat Prod **65**(5): 761-763.
- Sundaram, B. M., C. Gopalakrishnan, et al. (1983). "Antimicrobial activities of *Garcinia mangostana*." Planta Med **48**(1): 59-60.

- Suzuki, O., Y. Katsumata, et al. (1981). "Inhibition of type A and type B monoamine oxidases by naturally occurring xanthones." Planta Med **42**(1): 17-21.
- Swain, R. B. and D. Almquist (1991). "In search of the mangosteen." Horticulture **69**(10): 54.
- Swanson, I. (2003). "Antibiotic resistance of Propionibacterium acnes in Acnes vulgaris." Dermatology Nursing **5**: 359-361.
- Takahashi, T., T. Kamiya, et al. (1998). "Proanthocyanidins from Grape Seeds Promote Proliferation of Mouse Hair Follicle Cells In vitro and Convert Hair Cycle In vivo." Acta Dermato-Venereologica **78**(6): 428-432.
- Teerachaichayut, S., K. Y. Kil, et al. (2007). "Non-destructive prediction of translucent flesh disorder in intact mangosteen by short wavelength near infrared spectroscopy.(Author abstract)." Postharvest Biology and Technology **43**(2): 202(5).
- Titwan, A., Y. Pongpaibul, et al. (1992). "Topical preparations from medicinal plant in ance vulgaris." The Thai Journal of Pharmaceuticial Sciences **16**(4): 354.
- Tosa, H., M. Iinuma, et al. (1997). "Inhibitory activity of xanthone derivatives isolated from some Guttiferaeous plants against DNA topoisomerases I and II." Chem Pharm Bull **45**(2): 418-420.
- Vane, J. (1971). "Inhibition of prostaglandin synthesis as a mechanism of action for aspirin-like drugs." Nat New Biol **231**: 232-235.
- Vlietinck, A. J., T. De Bruyne, et al. (1998). "Plant-derived leading compounds for chemotherapy of human immunodeficiency virus (HIV) infection." Planta Med **64**(2): 97-109.
- Voravuthikunchai, S. P. and L. Kitpipit (2005). "Activity of medicinal plant extracts against hospital isolates of methicillin-resistant Staphylococcus aureus." Clin Microbiol Infect **11**(6): 510-12.
- Voravuthikunchai, S. P., A. Lortheeranuwat, et al. (2004). "Effective medicinal plants against enterohaemorrhagic Escherichia coli 0157:H7." Journal of Ethnopharmacology **94**: 49-54.
- Voravuthikunchai, S. P., W. Popaya, et al. (2004). "Antibacterial activity of crude extracts of medicinal plants used in Thailand against pathogenic bacteria." Ethnopharmacologia **33**: 60-65.
- Wan, A. S. C. (1973). Garcinia mangostana: high resolution NMR studies of mangostin. Plant Med: 297-300.

Waring, E. J. (1868). Pharmacopeia of India. London, W. H. Allen & Co., 13, WaterlooPlace, Publishers to the India Office.

Weecharangsan, W., P. Opanasopit, et al. (2006). "Antioxidative and neuroprotective activities of extracts from the fruit full of Mangosteen (*Garcinia mangostana* Linn.)." Med Princ Pract **15**: 281-287.

Whiteman, M. and T. Guan (2002). Antioxidant activities of some tropical fruits. Department of Biochemistry, Faculty of Medicine. Singapore, National University of Singapore.

Wiebel, J., E. K. Chacko, et al. (1994). "Influence of irradiance on photosynthesis, morphology and growth of mangosteen (*Garcinia mangostana* L.) seedlings." Tree Physiol **14**(3): 263-274.

Wiebel, J., D. Eamus, et al. (1993). "Gas exchange characteristics of mangosteen (*Garcinia mangostana* L.) leaves." Tree Physiol **13**(1): 55-69.

Williams, P., M. Ongsakul, et al. (1995). "Mangostin inhibits the oxidative modification of human low density lipoprotein." Free Radic Res **23**(2): 175-184.

Yapwattanaphun, C. and S. Subhadrabandhu (2004). "Phylogenic relationship of Mangosteen (*Garcinia mangostana*) and several wild relatives (*Garcinia* spp.) revealed by ITS sequence data." J Amer. Soc.Hort. Sci. **129**(3): 368-373.

Yoshida, A., A. Manosroi, et al. (1995). "Molecular interactions between phospholipids and mangostin in a lipid bilayer." Colloids and Surfaces B: Biointerfaces **4**: 423-432.

Yoshikawa, M., E. Harada, et al. (1994). "Antioxidant constituents from the fruit hulls of mangosteen." Yakugaku Zasshi **114**(2): 129-133.

Zhi-Qing, H., M. Toda, et al. (1992). "Mitogenic activity of (-)epigallocatechin gallate on B-cells and investigation of its structure-function relationship." International Journal of Immunopharmacology **14**(8): 1399-1407.