

เอกสารอ้างอิง

- กล้าณรงค์ ศรีรอด และเกื้อกุล ปิยะจอมขวัญ. 2543. *เทคโนโลยีของแป้ง*. กรุงเทพฯ: สำนักพิมพ์มหาวิทยาลัยเกษตรศาสตร์
- จุฑานันท์ บุญทราหาญ. 2551. “รู้ตัวเร็ว ไล่ใจหมั่นพบแพทย์ ทางออกพิชิต 'มะเร็งตับ'.” [ระบบออนไลน์]. แหล่งที่มา <http://www.dailynews.co.th> (20 ธันวาคม 2551).
- เฉลิมเกียรติ ดุลสัมพันธ์. 2551. การระเหย. หน้า 143-182. กรุงเทพฯ: หน่วยปฏิบัติการในเทคโนโลยีชีวภาพ มหาวิทยาลัยราชภัฏจันทรเกษม.
- นรินทร์ชัย พัฒนพงศา และเกรียงศักดิ์ นามวงศ์พรหม. 2533. *คู่มือส่งเสริมการปลูกพืชผักบนที่สูงของประเทศไทย*. เชียงใหม่: มูลนิธิโครงการหลวง.
- นิพนธ์ ไชยมงคล. 2530. Globe artichoke. เชียงใหม่: คณะผลิตกรรมการเกษตร ภาควิชาพืชสวน มหาวิทยาลัยแม่โจ้.
- ไพโรจน์ วิริยาริ. 2535. *การวางแผนและการวิเคราะห์ทางประสาทสัมผัส*. หน้า 159-172. เชียงใหม่: ภาควิชาวิทยาศาสตร์และเทคโนโลยีการอาหาร คณะเกษตรศาสตร์ มหาวิทยาลัยเชียงใหม่.
- ไพโรจน์ วิริยาริ. 2547. *การออกแบบการทดลองขั้นสูง*. หน้า 122-132. เชียงใหม่: ภาควิชาเทคโนโลยี การพัฒนาผลิตภัณฑ์ คณะอุตสาหกรรมเกษตร มหาวิทยาลัยเชียงใหม่.
- พรชัย ราชตะนทะพันธุ์. 2550. *โครงการฟิล์มข้าวปลดปล่อยสารต้านอนุมูลอิสระ (ระยะที่ 1)* เชียงใหม่: ภาควิชาเทคโนโลยีการบรรจุ คณะอุตสาหกรรมเกษตร มหาวิทยาลัยเชียงใหม่.

ภาสกร รัตนเดชสกุล. 2550. “การพัฒนาขมิ้นจากสารสกัดเอ็กไคนาเซีย เพอร์ฟูเรีย.” วิทยานิพนธ์
วิทยาศาสตร์มหาบัณฑิต มหาวิทยาลัยเชียงใหม่ เชียงใหม่.

ภูริวัฒน์ ลีสวัสดิ์. 2550. การพัฒนาตำรับต้นแบบของแผ่นฟิล์มละลายเย็บปล้น. เชียงใหม่: คณะ
เภสัชศาสตร์ มหาวิทยาลัยเชียงใหม่.

ศักดิ์ ศรีนิเวศน์. 2547. อาร์ติโชกพืชอาหารและเภสัช. กรุงเทพฯ: สำนักพัฒนาคุณภาพสินค้าเกษตร
กรมส่งเสริมการเกษตร.

ศูนย์สารสนเทศ มูลนิธิโครงการหลวง. 2553. อาร์ติโชก. มูลนิธิโครงการหลวง [ระบบออนไลน์].
แหล่งที่มา <http://www.royalprojectthailand.com> (14 กรกฎาคม 2553)

อลิษา ล้อมศิรินาวา และพัฒนา สวัสดิ์. 2552. การเตรียมสารสกัดพริกขี้หนูในรูปแผ่นฟิล์มกินได้.
กรุงเทพฯ: คณะวิทยาศาสตร์ มหาวิทยาลัยจุฬาลงกรณ์.

Alamanni, M.C. and Cossu, M. 2003. Antioxidant activity of the extracts of the edible part of
artichoke (*Cynara scolymus L.*) var. spinoso sardo. *Italian Journal of Food
Science*, 15: 187-195.

AOAC. 2005. *Official Methods of Analysis of AOAC International*. 18th ed. Gaithersburg,
Maryland: AOAC International.

Atoui, A.K., Mansouri A., Boskou G. and Kefalas P. 2005. Tea and herbal infusions: Their
antioxidant activity and phenolic profile. *Food Chemistry*, 89: 27-36.

Barnes, J., Anderson, L.A., Philipson, J.D. 2007. *Herbal Medicines*, 3rd edition. London (GB):
Pharmaceutical Press.

Brand-Williams, W., Cuvelier, M. E. and Berset, C. 1995. Use of a free radical method to
evaluate antioxidant activity. *LWT Food science Technology*, 28: 25-30.

Buttery, R.G, Guadagni, D.G. and Ling, L.C. 1978. Volatile aroma components of cooked artichoke. *Journal of Agricultural and Food Chemistry*, 26: 791-795.

California Artichoke Advisory Board. 2008. "Artichokes." California Foundation for Agriculture in the Classroom (CFAITC). [Online]. Available <http://www.cfaitc.org/Commodity/pdf/Artichokes.pdf> (6 December 2008).

Carter D.F., Andrew H., Shiji S., Adrienne M.S. and Judy L.T. 2008. "Edible Pullulan Film Containing Flavoring" U.S. Pat 60 894 482.

Cilurzo, F., Cupone, I.E., Minghetti, P., Selmin, F., and Montanari, L. 2008. Fast dissolving films made of maltodextrins. *European Journal of Pharmaceutics and Biopharmaceutics*, 70: 895-900.

Clifford, M. N. 1999. Chlorogenic acids and other cinnamates-nature, occurrence and dietary burden. *Journal of the Science of Food and Agriculture*, 79: 362-372.

Coinu, R., Carta, S., Urgeghe, P.P., Mulinacci, N., Pinelli, P., Franconi, F., and Romani, A. 2007. Dose-effect study on the antioxidant properties of leaves and outer bracts of extracts obtained from Violetto di Toscana artichoke. *Food Chemistry*, 101: 524-531.

Curadi, M., Picciarelli, P., Lorenzi, R., Grairenberg, A. and Ceccarelli, N. 2005. Antioxidant activity and phenolic compounds in the edible parts of early and Italian artichoke (*Cynara scolymus* L.) varieties. *Italian Journal of Food Science*, 17: 33-44.

Diane B., Robert D., Joy H., Agapi S. and Glenn Z. 1995. *Globe Artichokes: An Economic Assessment of the Feasibility of Providing Multiple-Peril Crop Insurance*. Economic Research Service, U.S. Department of Agriculture.

Dickel, M.L., Kuze Rates, S.M. and Ritter, M.R.. 2007. Plants popularly used for loosing weight purposes in Porto Alegre, South Brazil. *Journal of Ethnopharmacology*, 109: 60-71.

Englisch, W., Beckers, C., Unkauf, M., Ruepp, M. and Zinserling, V. 2000. Efficacy of artichoke dry extract in patients with hyperlipoproteinemia. *Arzneimittel-Forschung/Drug Research*, 50: 260-265.

Falleh, H., Ksouri, R., Chaieb, K., Karray-Bouraoui, N., Trabelsi, N., Boulaaba, M. and Abdely, C. 2008. Phenolic composition of *Cynara cardunculus* L. organs, and their biological activities. *Comptes Rendus Biology*, 31: 372-379.

FAO Statistical Database. 2007. Artichoke production. [Online]. Available <http://faostat.fao.org/> (1 July 2010).

Fellows, P. 2000. *Food Processing Technology: Principles and Practice*. p. 279. Cambridge: Woodhead Publishing Ltd.

Ferracane, R., Pellegrini, N., Visconti, A., Graziani, G., Chiavaro, E., Miglio, C. and Fogliano, V. 2008. Effects of different cooking methods on antioxidant profile, antioxidant capacity and physical characteristics of artichoke. *Journal of Agricultural and Food Chemistry*, 56: 8601-8608.

Fратиани, F., Tucci, M., De Palma, M., Pepe, R. and Nazzaro, F. 2007. Polyphenolic composition in different parts of some cultivars of globe artichoke (*Cynara cardunculus* L. var. *scolymus* (L.) Fiori). *Food Chemistry*, 104: 1282-1286.

Fritsche, J., Beindorff, C.M., Dachtler, M., Zhang, H. and Lammers, J.G. 2002. Isolation, characterization and determination of minor artichoke (*Cynara colymus* L.) leaf extract compounds. *European Food Research and Technology*, 212: 149-157.

Garsuch, V. I. 2009. Preparation and characterization of fast dissolving oral film for Pediatric use. Universität Düsseldorf Dissertation.

Gebhardt, R. and Fausel, M. 1997. Antioxidant and hepatoprotective effects of artichoke extracts and constituents in cultured rat hepatocytes. *Toxicology in Vitro*, 11: 669-672.

Gebhardt, R. 2001. Anticholestatic activity of flavonoids from artichoke and their metabolites. *Medical Science Monitor*, 7: 316-320.

Gil-Izquierdo, A., Gil, M.I., Conesa, M.A. and Ferreres, F. 2001. The effect of storage temperatures on vitamin C and phenolics content of artichoke (*Cynara scolymus* L.) heads. *Innovative Food Science and Emerging Technologies*, 2:199-202.

Hammouda, F.M., El-Nasr, N.M.S., Ismail, S.I. and Shahat, A.A. 1993. Quantitative determination of the active constituents in Egyptian cultivated *Cynara scolymus*. *International Journal of Pharmacognosy*, 31: 299-304.

Häusler, M., Ganzera, M., Popp, M. and Stuppner, H. 2002. Determination of caffeoylquinic Acids and flavonoids in *Cynara scolymus* L. by high performance liquid chromatography. *Chromatographia*, 56: 407-411.

Hellwege, E.M., Raap, M., Gritscher, D., Willmitzer, L. and Heyer, A.G. 1998. Differences in chain length distribution of inulin from *Cynara scolymus* and *Helianthus tuberosus* are reflected in transient plant expression system using the respective 1-FFTcDNAs. *FEBS Letters*, 427: 25-28.

Hellwege, E.M., Czaplá, S., Jahnke, A., Willmitzer, L. and Heyer, A.G. 2000. Transgenic potato (*Solanum tuberosum*) tubers synthesize the full spectrum of inulin molecules naturally occurring in globe artichoke (*Cynara scolymus*) roots. *Proceedings of the National Academy of Sciences USA*, 97: 8699-8704.

- Hemwimon, S., Pavasant, P. and Shotipruk, A. 2007. Microwave-assisted extraction of antioxidative anthraquinones from roots of *Morinda citrifolia*. *Separation and Purification Technology*, 54: 44-50.
- Jiménez-Escrig, A., Dragsted, L.O., Daneshvar, B., Pulido, R. and Saura-Calixto, F. 2003. In vitro antioxidant activities of edible artichoke (*Cynara scolymus* L.) and effect on biomarkers of antioxidants in rats. *Journal of Agricultural and Food Chemistry*, 51: 5540–5545.
- Kirchhoff, R., Beckers, C., Kirchhoff, G.M., Trinczek-Gartner, H., Petrowitz, O. and Reimann, H.J. 1994. Increase in choleresis by means of artichoke extract. Results of a randomized placebo-controlled double-blind study. *Phytomedicine*, 1: 107-115.
- Lattanzio, V. and Van Sumere, C. F. 1987. Changes in phenolic compounds during the development and cold storage of artichoke (*Cynara scolymus* L.) heads. *Food Chemistry*, 24: 37-50.
- Lattanzio, V., Kroon, P.A., Linsalata, V. and Cardinali, A. 2009. Globe artichoke: A functional food and source of nutraceutical ingredients. *Journal of Functional Foods*, 1: 131-144.
- Llorach, R., Espín, J.C., Tomás-Barberán, F.A. and Ferreres, F. 2002. Artichoke (*Cynara scolymus* L.) byproducts as a potential source of health-promoting antioxidant phenolics. *Journal of Agricultural and Food Chemistry*, 50: 3458-3464.
- Llorach, R., Espín, J.C., Tomás-Barberán, F.A. and Ferreres, F. 2005. Functionalisation of commercial chicken soup with enriched polyphenol extract from vegetable by-products. *European Food Research and Technology*, 220: 31-36.

- López-Molina, D., Hiner, A.N.P., Tudela, J., Garcia-Canovas, F. and Rodriguez-Lopez, J.N. 2003. Enzymatic removal of phenols from aqueous solution by artichoke (*Cynara scolymus* L.) extracts. *Enzyme and Microbial Technology*, 33: 738-742.
- López-Molina, D., Navarro-Martínez, M.D., Rojas-Melgarejo, F., Hiner, A.N.P., Chazarra, S. and Rodríguez-López, J.N. 2005. Molecular properties and prebiotic effect of inulin obtained from artichoke (*Cynara scolymus* L.). *Phytochemistry*, 66: 1476–1484.
- Lupattelli, G., Marchesi, S., Lombardini, R., Roscini, A.R., Trinca, F. and Gemelli, F. 2004. Artichoke juice improves endothelial function in hyperlipemia. *Life Science*, 76: 775–782.
- Mabeau, S., Baty-Julien, C., Chodosas, O., Surbled, M., Metra, P., Durand, D., Morice, G., Chesne, C. and Mekideche, K. 2007. Antioxidant activity of artichoke extracts and by-products. *Actahorticulturae*, 744: 431-438.
- Marakis, G., Walker, A.F., Middleton, R.W. and Pike, D.J. 2002. Artichoke leaf extract reduces mild dyspepsia in an open study. *Phytomedicine*, 8: 694-699.
- Maros, T., Racz, G., Katonai, B. and Kovacs, V.V. 1966. Effects of *Cynara Scolymus* extracts on the regeneration of rat liver. 1. *Arzneimittelforschung*, 16: 127-129.
- Miceli, A. and De Leo, P. 1996. Extraction, Characterization and utilization of artichoke-seed oil. *Bioresource Technology*, 57: 301-302.
- Moglia, A., Lanteri, S., Comino, C., Acquadro, A., De Vos, R. And Beekwilder, J. 2008. Stress-induced biosynthesis of dicaffeoylquinic acids in globe artichoke. *Journal of Agricultural and Food Chemistry*, 56: 8641–8649.

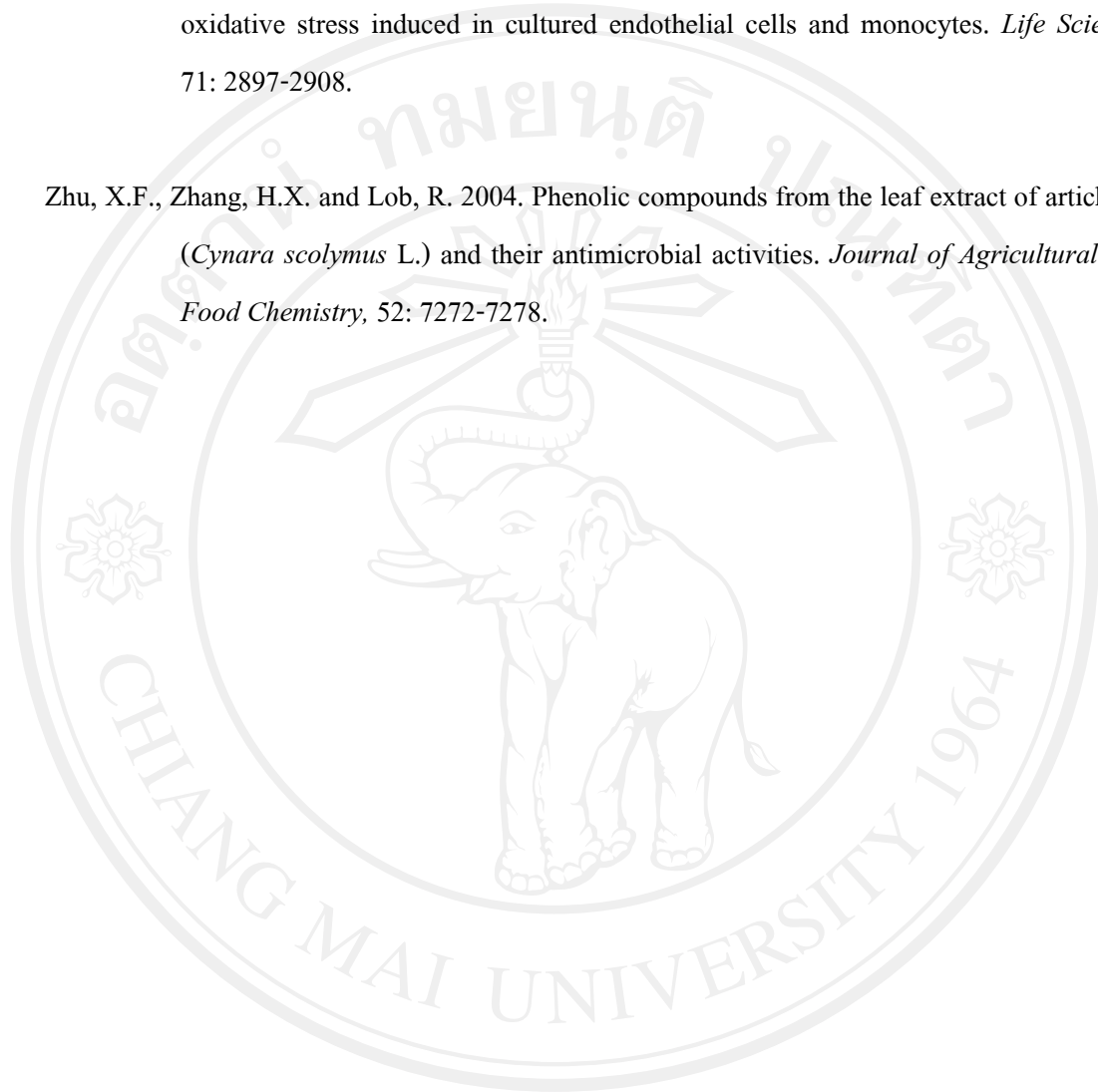
- Murata, Y., Isobe, T., Kofuji, K., Nishida, N. and Kamaguchi, R. 2010. Preparation of fast dissolving films for oral dosage from natural polysaccharides. *Materials*, 3: 4291-4299.
- Naczka, M. and Shahidi, F. 2004. Extraction and analysis of phenolics in food. *Journal of Chromatography A*, 1054: 95-111.
- Nichiforesco, E. and Coucou, V. 1970. Sur la composition des dérivés caféolignoliques des feuilles d'artichaut (*Cynara scolymus* L.). *Plantes Médicinales et Phytothérapie*, 4: 56-62.
- Nouani, A., Dako, E., Morsli, A., Belhamiche, N., Belbraouet, S., Bellal, M.M. and Dadie, A. 2009. Characterisation of the purified coagulant extracts derived from Artichoke Flowers (*Cynara scolymus*) and from the fig tree latex (*Ficus carica*) in light of their use in the manufacture of traditional cheeses in Algeria. *Journal of Food Technology*, 7: 20-29.
- Orlovskaya, T.V., Luneva, I.L. and Chelombitško, V.A. 2007. Chemical composition of *Cynara scolymus* leaves. *Chemistry of Natural Compounds*, 43: 239-240.
- Pérez-García, F., Adzet, T. and Canigual, S. 2000. Activity of artichoke leaf extract as reactive oxygen species in human leukocytes. *Free Radical Research*, 33: 661-665.
- Pinelo, M., Rubilar, M., Sineiro, J. and Nunez, M.J. 2004. Extraction of antioxidant phenolics from almond hulls (*Prunus amygdalus*) and pine sawdust (*Pinus pinaster*). *Food Chemistry*, 85: 267-273
- Pitchaon, M., Maitree, S. and Rungnaphar, P. 2007. Assessment of phenolic content and free radical-scavenging capacity of some Thai indigenous plants. *Food Chemistry*, 100: 1409-1418.

- Quirce, S., Tabar, A.I., Olaguibel, J.M. and Cuevas, M. 1996. Occupational contact urticaria syndrome caused by globe artichoke (*Cynara scolymus* L.). *Journal of Allergy and Clinical Immunology*, 97: 710-711.
- Romani, A., Pinelli, P., Cantini, C., Cimato, A. and Heimler, D. 2006. Characterization of Violetto di Toscana, a typical Italian variety of artichoke (*Cynara scolymus* L.). *Food Chemistry*, 95: 221-225.
- Sánchez-Rabaneda, F., Jáuregui, O., Lamuela-Raventós, R.M., Bastida, J., Viladomat, F. and Codina, C. 2003. Identification of phenolic compounds in artichoke waste by high-performance liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, 1008: 57-72.
- Schütz, K., Kammerer, D., Carle, R. and Schieber, A. 2004. Identification and quantification of caffeoylquinic acids and flavonoids from artichoke (*Cynara scolymus* L.) heads, juice, and pomace by HPLC-DAD-ESI/MS. *Journal of Agricultural and Food Chemistry*, 52: 4090-4096.
- Schütz, K., Muks, E., Carle, R. and Schieber, A. 2006a. Quantitative determination of phenolic compounds in artichoke-based dietary supplements and pharmaceuticals by high-performance liquid chromatography. *Journal of Agricultural and Food Chemistry*, 54: 8812-8817.
- Schütz, K., Persike, M., Carle, R. and Scriber, A. 2006b. Characterization and quantification of anthocyanins in selected artichoke (*Cynara scolymus* L.) cultivars by HPLC-DAD-ESIMS_n. *Analytical and Bioanalytical Chemistry*, 384: 1511-1517.
- Scott, G.W. 1931. Morphological and chemical studies on the globe artichoke (*Cynara scolymus* L.). *Proceedings of the American Society for Horticultural Science*, 27: 356-359.

- Shimoda, H., Taniguchi, K., Nishimura, M., Matsuura, K., Tsukioka, T., Yamashita, H., Inagaki, N., Hirano, K., Yamamoto M., Kinosada, Y. and Itoh, Y. 2009. Preparation of a fast dissolving oral thin film containing dexamethasone: A possible application to antiemesis during cancer chemotherapy. *European Journal of Pharmaceutics and Biopharmaceutics*, 73: 361-365.
- Slanina, J., Taborska, E., Bochorakova, H., Slaninova, I., Humpa, O., Robinson, W.E. and Schram, K.H. 2001. New and facile method of preparation of the anti-HIV-1 agent, 1,3- dicaffeoylquinic acid. *Tetrahedron Letters*, 42: 3383-3385.
- Speroni, E., Cervellati, R., Govoni, P., Guizzardi, S., Renzulli, C. and Guerra, M.C. 2003. Efficacy of different *Cynara scolymus* preparations on liver complaints. *Journal of Ethnopharmacology*, 86: 203-211.
- Turkmen, N., Sari, F. and Velioglu, S. 2005. The effect of cooking methods on total phenolics and antioxidant activity of selected green vegetables. *Food Chemistry*, 93:713-718.
- Uma, D.B., Ho, C.W. and Wan Aida, W.M. 2010. Optimization of extraction parameters of total phenolic compounds from henna (*Lawsonia inermis*) leaves. *Sains Malaysiana*, 39: 119-128.
- USDA. 2009. National Nutrient Database for Standard Reference, Release 22 [Online]. Available <http://www.ars.usda.gov/Services/docs.htm?docid=8964>. (15 July 2010).
- Wang, M., Simon, J.E., Aviles, I.F., He, K., Zheng, Q.Y. and Tadmor, Y. 2003. Analysis of antioxidative phenolics compounds in artichoke. *Journal of Agricultural and Food Chemistry*, 51: 601-608.

Zapolska-Downar, D., Zapolski-Downar, A., Naruszewicz, M., Siennicka, A., Krasnodebska, B. and Kolodziej, B. 2002. Protective properties of artichoke (*Cynara scolymus*) against oxidative stress induced in cultured endothelial cells and monocytes. *Life Science*, 71: 2897-2908.

Zhu, X.F., Zhang, H.X. and Lob, R. 2004. Phenolic compounds from the leaf extract of artichoke (*Cynara scolymus* L.) and their antimicrobial activities. *Journal of Agricultural and Food Chemistry*, 52: 7272-7278.



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