

เอกสารอ้างอิง

1. พิมพ์ ลีลาพรพิสิฐ. ผลิตภัณฑ์ชั้ลอความแก่จากธรรมชาติ. ผลิตภัณฑ์สำหรับผิวหนัง กรุงเทพฯ: สำนักพิมพ์โอดีเยนส์โตร์; 2547.
2. ลดา นีระสิริ. ผักพื้นบ้านอาหารต้านโรค. เอกสารประกอบการสัมมนาเรื่อง ผักพื้นบ้านอาหาร 4 ภาค สถาบันการแพทย์แผนไทย กรมการแพทย์กระทรวงสาธารณสุข องค์การ สงเคราะห์ททหารผ่านศึก; 2542.
3. Jean B. *Pharmacognosy, phytochemistry, medicinal plants, technique & documentation*: Lavoisier; 1995.
4. อําไฟ ปืนทอง. ฤทธิ์ทางเคมีชีวภาพของพืชสมุนไพรไทยในวงศ์ Zingiberaceae. เอกสาร การสัมมนาวิชาการเทคโนโลยีชีวภาพเคมีชีวกรรม ครั้งที่ 5 เรื่อง ยาด้านมะเร็งและ ผลิตภัณฑ์ ชั้ลอความแก่จากสมุนไพรไทย: คณะแพทยศาสตร์ มหาวิทยาลัย เชียงใหม่; 2546.
5. นรากรณ์ ฐานะโชคพันธ์. ว่านาชกนคถูก. จุลสารข้อมูลสมุนไพร. 2545;19(3):5-16.
6. Baskin S.I, Salem H. *Oxidant, Antioxidant and Free radicals*. Washington DC: Taylor&Francis; 1997.
7. Cadena E, Packer L. *Handbook of Antioxidants*. NY: Marcel Dekker; 1996.
8. Halliwell B, Gutteridge JMC. *Free radicals in biology and medicine*. NY: Oxford university press; 1999.
9. โօภา วชระคุปต์. สารต้านอนุมูลอิสระ. กรุงเทพฯ: พี.เอส.พรินท์; 2549.

10. Okezie I, Susan LC, Aruoma LC. *Antioxidant methodology, in vivo and in vitro concepts*. AOCS Press; 1997.
11. ชวลดิต นิยมธรรม. พันธุ์ไม้ในป่า ชาลา-นาลา. กรุงเทพฯ: ออมรินทร์พรินติ้งแอนด์พับลิชิ่ง; 2543.
12. พวงเพ็ญ ศิริรักษ์. พรรณพืชวงศ์ขิงของประเทศไทย. กรุงเทพฯ: จิรวัฒน์ เอกซ์เพรส; 2544.
13. เต็ม สมิตินันทน์. ชื่อพรรณไม้แห่งประเทศไทย, ฉบับแก้ไขเพิ่มเติม พ.ศ. 2544. กรุงเทพฯ: ส่วนพุกยศาสตร์ป่าไม้ สำนักวิชาการป่าไม้ กรมป่าไม้; 2544.
14. คุณนาถ มากบุญ. องค์ประกอบทางเคมีของเหง้าขมิ้นขาว. วิทยานิพนธ์เภสัชศาสตรมหาบัณฑิต จุฬาลงกรณ์มหาวิทยาลัย; 2543.
15. อรนุช โชคชัยเจริญพร, นันทวน บุณยะประภัศร. สมุนไพรพื้นบ้าน เล่ม 4. กรุงเทพฯ; 2544.
16. Jurgens TM, Frazier EG, Schaeffer JM, Jones TE, Zink DL, Borris RP. Novel nematocidal agents from *Cucuma comosa*. *Journal of Natural Product* 1994;57(2):250-62
17. Piyachaturawat P, Gansar R, Suksamrarn A. Choleretic effect of *Curcuma comosa* rhizome extracts. *International Journal of Phamacognosy*. 1996;34(3):174-8.
18. Suksamrarn A, Eiamong S, Piyachaturawat P, Byrne TL. A phloracetophenone glucoside with choleretic activity from *Curcuma comosa*. *Phytochemistry*. 1997;45(1):103-5.
19. Piyachaturawat P, Ercharuporn S, Suksamrarn A. Uterotrophic effect of *Curcuma comosa* in rats. *International Journal of Pharmacognosy* 1995;33(4):334-8.

20. Sawasdipanich A. Effect of ethanol extracts from *Curcuma comosa* Roxb. on the contraction of intact and isolated rat uterus. : Chulalongkorn university
21. Piyachaturawat P, Chuancharunee A, Timinkul A. Growth suppressing effect of *Curcuma comosa* extract on male reproductive organs in immature rats. *Pharmaceutical Biology*. 1998;36(1):44-9.
22. Piyachaturawat P, Teeratagolpisal N, Toskulkao C, Suksamrarn A. Hypolipidemic effect of *Curcuma comosa* in mice. *Artery*. 1997;22(5):233-41.
23. Piyachaturawat P, Charoenpiboon sin J, Toskulkao C, Suksamrarn A. Reduction of plasma cholesterol by *Curcuma comosa* extract in hypercholesterolaemic hamsters. *Journal of Ethnopharmacology*. 1999;66, :199-204.
24. Hwang JK, Shin JS, Pyun YR. Antibacterial activity of xanthorrhizol from *Curcuma xanthorrhiza* against oral pathogens. *Fitoterapia*. 2000;71:321-3.
25. Tuchinda P, Claeson P, Panthong A, Reutrakul V, Kanjanapothi D, Taylor WC. Three Non-Phenolic Diarylheptanoids with Anti-Inflammatory activity from *Curcuma xanthorrhiza*. *Planta Medica*. 1993.
26. Masuda T, Isobe J, Jitoe A, Nakatani N. Antioxidative curcuminoids from rhizomes of *Curcuma xanthorrhiza*. *Phytochemistry*. 1992;31(3): 3645-7.

27. Suksamrarn A, Eiamong S, Piyachaturawat P, Charoenpiboon J. Phenolic diarylheptanoids from *Curcuma xanthorrhiza*. *Phytochemistry*. 1994;36(6):1505-8.
28. Piyachaturawat P, Srivoraphan P, Chuancharunee A, Komaratat P, Suksamran A. Cholesterol lowering effects of a choleric phloracetophenone in hypercholesterolemic hamsters. *European Journal of Pharmacology* 2002;439:141-7.
29. Suksamrarn A, Ponglikitmongkol M, Wongkrajang K, Chindaduang A, Kittidanairak S, Jankam A. Diarylheptanoids, new phytoestrogens from the rhizomes of *Curcuma comosa*: Isolation, chemical modification and estrogenic activity evaluation. *Bioorganic & Medicinal Chemistry*. 2008;16:6891-902.
30. Yang Q, Fengming X, Seikou N, Hisashi M, Yutana P, Lijun W. Sesquiterpenes from *Curcuma comosa*. *Journal of Natural medicines*. 2008;63(1):102-4.
31. Shin-ichi U, Ichiro Y, Koichi T, Hideji I. Terpenoids and Curcuminoids of the Rhizoma of *Curcuma xanthorrhiza* Roxb. *Yakugaku Zasshi*. 1992;112(1):817-23.
32. Claeson P, Pongprayoon U, Sematong T, Tuchinda P, Reutrakul V, Soontorn saratune P. Non-Phenolic Linear Diarylheptanoids from *Curcuma xanthorrhiza* : A Novel Type of Topical Anti-Inflammatory Agents:Structure-Activity Relationship. *Planta Medica*.1996;62:236-0.

33. Ruby AJ, Kuttan G, Babu KD, Rajasekharan KN, Kuttan R. Anti-timour and antioxidant activity of natural curcuminoids. *Cancer Letters.* 1995;94(1):79-83.
34. Ishita C, Kaushik B, Bandyopanhyay K.BR. Tumeric and curcumin: Biological actions and medicinal applications. *Current science.* 2004;87(1):44-53.
35. Wang L, Deng Z, Huang K, Lin W. Sesquiterpenes from stems and leaves of *Curcuma wenyujin*. *Zhongguo Zhongyao Zazhi.* 2008;33(1):785-8.
36. Xian-Guo H, Long-Ze L, Li-Zhi L, Michael L. Liquid chromatography electroscopy mass spectrometric analysis of curcuminoids and sesquiterpenoids in turmeric (*Curcuma longa*). *Journal of Chromatography A.* 1998;818:127-32.
37. Zaibunnisa AH, Norashikin S, Mamot S, osman H. An experimental design approach for the extraction of volatile compounds from turmeric leaves (*Curcuma domestica*) using pressurized liquid extraction. *Food Science and Technology.* 2009;42:233-8.
38. Kojima H, Yanai T, Toyota A. Essential oil constituents from Japanese and Indian *Curcuma aromatica* rhizomes. *Planta Medica.* 1998;64(4):380-1.
39. Tao Z, Zhang A, Peng S, Ding L. Studies on chemical constituents of *Curcuma aromatica*. *Zhongguo Zhongyao Zazhi.* 2000;25(3):163-4.
40. Jae KK, Cheorun J, Han HJ, Hyun PJ, Young KJ, Myung BW. Color improovement by irradiation of *Curcuma aromatica* extract for industrial applicaton. *Radiation Physics and Chemistry.* 2006;75:449-52.

41. D.de FN, M.M.de S, Neto R.A, Golin V, Niero R. Phytochemical analysis and analgesic properties of *Curcuma zedoaria* grown in Brazil. *Phytomedicine*. 2002;9:427-32.
42. Makabe H, Maru N, Kuwabara A, Kamo T, Hirota M. Anti-imflammatory sesquiterpenes from *Curcuma zedoaria*. *Natural Product Research*. 2006;20(7):680-5.
43. Faridah A, Nordin LH, Khozirah S, Daud IA. A labdane Diterpene Glucoside from the Rhizomes of *Curcuma mangga*. *Journal of Natural Product*. 2005;68:1090-3.
44. Jizhong Y, Gang C, Shengqiang T, Yeping F. Preparative isolation and purification of germacrone and curdione from the essential oil of the rhizome of *Curcuma wenyujin* by high-speed counter-current chromatography. *Journal of Chromatography A*. 2005;1070:207-10.
45. Jie C, Meiling Q, Yan Z, Shan Z, Qinglong S, Ruonong F. Analysis of volatile compounds in *Curcuma wenyujin* Y.H. Chen et C. Ling by headspace solvent microextraction-gas chromatography-mass spectrometry. *Analytica Chimica Acta*. 2006;561:88-95.
46. Tao Z, Li Y, Ji P, Wang Y. Chemical constituents from aerial part of *Curcuma wenyujin*. *Zhongguo Zhongyao Zazhi*. 2007;32(24):2604-6.
47. Peng Z, Wei H, Zhihang S, Min Z, Lin C, Yiyu C. Cytotoxic diterpenes from the radix of *Curcuma wenyujin*. *Phytochemistry Letters*. 2008;1:103-6.
48. Chen P, Lu T. Chemical constituents of *Curcuma phaeocaulis*. *Zhongyaocai*. 2006;299(7):675-7.

49. Zhou X, Chen H, Zhao C, Gong X, Li M. Fingerprint of *Curcuma phaeocaulis* by LC-MS. *Zhongguo Zhongyao Zazhi*. 2008;33(19):2218-21.
50. Peng BX, Zhou X, Shi J-S, Li ZW. Effects of volatile oil and three main components from *Curcuma phaeocaulis* Valeton. on liver cancer and endometrial carcinoma cell lines. *Huaxi Yaoxue Zazhi*. 2007;22(3):312-1.
51. Chen S, You J, Wang G. Extraction of active compounds in *Curcuma phaeocaulis* Valeton. by supercritical fluid extraction and trapping with silica gel column. *Fenxi Huaxue*. 2001;29(6):664-6.
52. Hou Y-C, Hsieh Y-S, Chen C-C, Lee CP-D. Reverse transcriptase inhibitors *Curcuma phaeocaulis*. *Journal Chinese Pharmaceutical*. 1997;49(2):119-25.
53. Giang PM, Son P, Matsunami K. New sesquiterpenoids from *Curcuma aff. aeruginosa* Roxb. *Heterocycles*. 2007;74:977-81.
54. Jirovetz L, Buchbauer G, Puschmann C. Essential oil analysis of *Curcuma aeruginosa Roxb.* leaves from south India. *Journal of Essential oil Research*. 2000;12(1):47-9.
55. Phan MG, Van NH, Phan TS. Sesquiterpenoids from the rhizomes of *Curcuma aeruginosa Roxb.* of Vietnam. *Tap Chi Hoa Hoc*. 1998;36(3):67-72.
56. Sirat HM, Jamil S, Rahman AA. Sesquiterpenes from *Curcuma aeruginosa*. *Planta Medica*. 1998;64(6):584-5.
57. Nakatani N. Phenolic antioxidants from herbs and spices. *Biofactor*. 2000;13:141-6.

58. Jeng-Leun M, Eric Y.C. L, Nai-Phon W, Chien-Chou C, Chi-Huarng C, Charng-Cherng C. Composition and antioxidant activity of the essential oil from *Curucuma zedoaria*. *Food chemistry*. 2003;82:583-91.
59. Habsah M, Faridah A, Dharma P, Nordin HL, Abdul MA, Mohamad AS. DPPH free radical Scavenger Components from the Fruits of *Alpinia rafflesiana* Wall.ex. Bak. *Naturforsch*. 2004;59:811-5.
60. Habsah M, Faridah A, Nordin HL, Manaf AA, Aspollah SM, Mohamad AS. Antioxidant Constituents of *Etlingera elatior*. *Journal of Natural Products*. 2005;68(2):285-8.
61. Jayaprakasha GK, Jaganmohan RL, Sankariah KK. Antioxidant activities of curcumin, demethoxycurcumin and bisdemethoxycurcumin. *Food chemistry*. 2006;98:720-4.
62. Chang XZ, Yi ZX, Wu DX, Feng TQ, Hui D, Ping ZR. Three new diarylheptanoids and their antioxidant property. *Chinese Chemical Lettser*. 2007;18:1243-6.
63. Jasril LY, Mooi NH, Lajis AM, Ali MA, Sukari AA, Rahman AG. Antioxidant and Antitumor Promoting Activities of the Flavonoids from *Hedychium thyrsiforme*. *Pharmaceutical Biology*. 2003;41(7):506-11.
64. Toshiya M, Shinichi M, Tomochika T, Kumiko I, Yoshio T. Isolation and Structure Determination of New Antioxidative Ferulic Acid Glucoside Esters from the Rhizome of *Alpinia speciosa* a Zingiberaceae Plant

- Used in Okinawan Food Culture. *Journal of Agricultural and Food Chemistry*. 2000;48:(5):1479-84.
65. Brigitte B, Christogh S, Thomas P, Markus H, Franz H, Otmar H. Antioxidant dehydrotocopherols as a new chemical character of *Stemona* species. *Phytochemical*. 2004;65:2719-29.
 66. Matsukawa R, Dubinsky Z, Kishimoto E, Masaki K, Masuda Y, Takeuchi T. A comparison of screening methods for antioxidant activity in seaweeds. *Journal of Applied Phycology*. 1997;9:29-35.
 67. Sean DC, K.Chamila J, Julie LM. Antioxidant activity in Australian native sarsaparilla (*Smilax glyciphylla*). *Journal of Ethnopharmacology*. 2005;101:162-8.
 68. Alessandra B, Chandra S, Matteo P, Ivano M, Jeannette M. Antioxidant activity of flavonoids from *Licania licaniaeiflora*. *Journal of Ethnopharmacology*. 2002;79:379-81.
 69. Myint MK. *Isolation and Characterization of Phytoconstituents from Myanmar Medicinal Plants*. Halle/Saale Germany: Martin Luther University of Halle-Wittenberg. 2006.
 70. Shibuya H, Hamamoto Y, Cai Y, Kitagawa I. A reinvestigation of the structure of zederone, a furanogermacrane-type sesquiterpene from zedoary. *Chemical & Pharmaceutical Bulletin*. 1987;35(2):924-7.
 71. Hikino H, Takahashi H, Sakurai Y, Takemoto T, Bhacca NS. Structure of zederone. *Chemical & Pharmaceutical Bulletin*. 1996;14(5):550-1.
 72. Phan MG, Phan TS. Isolation of sesquiterpenoids from rhizomes of Vietnamese. *Tap Chi Hoa Hoc*. 2000;38(4):96-9.

73. Phan MG, Nguyen TT, Dao QH, Phan TS. Study of the isolation and biological activities of sesquiterpenoids from *Curcuma aeruginosa* Roxb. Zingiberaceae. *Tap Chi Duoc Hoc.* 2007;47(1):22-5.
74. Ruberto G, Baratta MT. Antioxidant activity of selected essential oil components in two lipid model systems. *Food Chemistry.* 2000;69:167-74.
75. Kwang-Geun L, Takayuki S. Determination of antioxidant potential of volatile extracts isolated from various herbs and spices. *Journal of Agricultural and Food Chemistry.* 2002;50:4947-52.
76. Ronald LP, Xianli W, Karen S. Standardized Methods for the Determination of antioxidant capacity and phenolics in foods and dietary supplements. *Journal of Agricultural and Food Chemistry.* 2005;53:4290-302.
77. Kulisic T, Radonic A, Katalinic V, Milos M. Use of different methods for testing antioxidative activity of oregano essential oil. *Food chemistry.* 2004;85:633-40.
78. Palanuvej C, Ruangrungsi N. Chemical constituents and antimicrobial activity of volatile oil from *Curcuma comosa* rhizome. *Journal of Health Research.* 2007;21(1):35-42.