

References

Fennel

- Blumenthal M, ed. The Complete German Commission E Monographs: Therapeutic Guide to Herbal Medicines. Trans. S. Klein. Boston, MA: American Botanical Council, 1998. **2**
- Leung AY, Foster S. Encyclopedia of Common Natural Ingredients Used in Food, Drugs and Cosmetics. 2nd ed. New York, NY: John Wiley & Sons, 1996. **11**
- McGuffin M, Hobbs C, Upton R, Goldberg A, eds. American Herbal Products Association's Botanical Safety Handbook. Boca Raton, FL: CRC Press, LLC 1997. **12**
- Brinker F. Herb Contraindications and Drug Interactions. 2nd ed. Sandy, OR: Eclectic Medical Publications, 1998. **19**
- Murch SJ, Simmons CB, Saxena PK. Melatonin in feverfew and other medicinal plants. Lancet 1997;350:1598-9. [View abstract](#). **50**
- Electronic Code of Federal Regulations. Title 21. Part 182 -- Substances Generally Recognized As Safe. Available at: <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRSearch.cfm?CFRPart=182> **4912**
- Zhu M, Wong PY, Li RC. Effect of oral administration of fennel (*Foeniculum vulgare*) on ciprofloxacin absorption and disposition in the rat. J Pharm Pharmacol 1999;51:1391-6. [View abstract](#). **6135**
- Gral N, Beani JC, Bonnot D, et al. [Plasma levels of psoralens after celery ingestion]. Ann Dermatol Venereol 1993;120:599-603. [View abstract](#). **6178**
- Ostad SN, Soodi M, Shariffzadeh M, et al. The effect of fennel essential oil on uterine contraction as a model for dysmenorrhea, pharmacology and toxicology study. J Ethnopharmacol 2001;76:299-304.. [View abstract](#). **10349**
- Burkhard PR, Burkhardt K, Haenggeli CA, Landis T. Plant-induced seizures: reappearance of an old problem. J Neurol 1999;246:667-70. [View abstract](#). **12868**
- Pitasawat B, Champakaew D, Choochote W, et al. Aromatic plant-derived essential oil: an alternative larvicide for mosquito control. Fitoterapia 2007;78:205-10. [View abstract](#). **15894**
- Savino F, Cresi F, Castagno E, et al. A randomized double-blind placebo-controlled trial of a standardized extract of *Matricariae recutita*, *Foeniculum vulgare* and *Melissa officinalis* (ColiMil) in the treatment of breastfed colicky infants. Phytother Res 2005;19:335-40. [View abstract](#). **16735**
- Rosti L, Nardini A, Bettinelli ME, Rosti D. Toxic effects of a herbal tea mixture in two newborns. Acta Paediatrica 1994;83:683. [View abstract](#). **16744**
- Cuzzolin L, Zaffani S, and Benoni G. Safety implications regarding use of phytomedicines. Eur J Clin Pharmacol. 2006;62:37-42. [View abstract](#). **19146**
- Chakurski I, Matev M, Koichev A, et al. [Treatment of chronic colitis with an herbal combination of *Taraxacum officinale*, *Hipericum perforatum*, *Melissa officinalis*, *Calendula officinalis* and *Foeniculum vulgare*]. Vutr Boles. 1981;20:51-4. [View abstract](#). **19531**
- Weizman Z, Alkrinawi S, Goldfarb D, et al. Efficacy of herbal tea preparation in infantile colic. J Pediatr 1993;122(4):650-652. [View abstract](#). **19715**

- 30635**
- Iten, F. and Saller, R. [Fennel tea: risk assessment of the phytogetic monosubstance estragole in comparison to the natural multicomponent mixture].
Forsch.Komplementarmed.Klass.Naturheilkd. 2004;11(2):104-108. [View abstract.](#)
- 30663**
- Kamble VA and Patil SD. Spice derived essential oils: effective antifungal and possible therapeutic agents. Journal of Herbs, Spices & Medicinal Plants (J HERBS SPICES MEDICINAL PLANT) 2008;14(3-4):129-143.
- 31320**
- Chainy, G. B., Manna, S. K., Chaturvedi, M. M., and Aggarwal, B. B. Anethole blocks both early and late cellular responses transduced by tumor necrosis factor: effect on NF-kappaB, AP-1, JNK, MAPKK and apoptosis. Oncogene 6-8-2000;19(25):2943-2950. [View abstract.](#)
- 31330**
- Elgayyar, M., Draughon, F. A., Golden, D. A., and Mount, J. R. Antimicrobial activity of essential oils from plants against selected pathogenic and saprophytic microorganisms. J Food Prot. 2001;64(7):1019-1024. [View abstract.](#)
- 31347**
- Moutsatsou, A., Chalarakis, E., and Zarangas, G. Influence of raw materials and distillation equipment on the heavy metal content of waste from an alcoholic anis-type beverage. J Hazard.Mater. 1-3-2003;96(1):53-64. [View abstract.](#)
- 31363**
- Lee, H. S. Acaricidal activity of constituents identified in Foeniculum vulgare fruit oil against Dermatophagoides spp. (Acari: Pyroglyphidae). J Agric.Food Chem. 5-19-2004;52(10):2887-2889. [View abstract.](#)
- 31374**
- Aggarwal, B. B. and Shishodia, S. Suppression of the nuclear factor-kappaB activation pathway by spice-derived phytochemicals: reasoning for seasoning. Ann.N.Y Acad.Sci. 2004;1030:434-441. [View abstract.](#)
- 31381**
- Diaz-Maroto, M. C., Diaz-Maroto, Hidalgo, I, Sanchez-Palomo, E., and Perez-Coello, M. S. Volatile components and key odorants of fennel (Foeniculum vulgare Mill.) and thyme (Thymus vulgaris L.) oil extracts obtained by simultaneous distillation-extraction and supercritical fluid extraction. J Agric.Food Chem. 6-29-2005;53(13):5385-5389. [View abstract.](#)
- 31386**
- Rabsch, W., Prager, R., Koch, J., Stark, K., Roggentin, P., Bockemuhl, J., Beckmann, G., Stark, R., Siegl, W., Ammon, A., and Tschape, H. Molecular epidemiology of Salmonella enterica serovar Agona: characterization of a diffuse outbreak caused by aniseed-fennel-caraway infusion. Epidemiol.Infect. 2005;133(5):837-844. [View abstract.](#)
- 31415**
- Tognolini, M., Ballabeni, V., Bertoni, S., Bruni, R., Impicciatore, M., and Barocelli, E. Protective effect of Foeniculum vulgare essential oil and anethole in an experimental model of thrombosis. Pharmacol.Res 2007;56(3):254-260. [View abstract.](#)
- 31438**
- Orhan, I., Kartal, M., Kan, Y., and Sener, B. Activity of essential oils and individual components against acetyl- and butyrylcholinesterase. Z.Naturforsch.C. 2008;63(7-8):547-553. [View abstract.](#)
- 31441**
- Oka, Y., Nacar, S., Putievsky, E., Ravid, U., Yaniv, Z., and Spiegel, Y. Nematicidal activity of essential oils and their components against the root-knot nematode. Phytopathology 2000;90(7):710-715. [View abstract.](#)
- 31446**
- Turkyilmaz, Z., Karabulut, R., Sonmez, K., and Can, Basaklar A. A striking and frequent cause of premature thelarche in children: Foeniculum vulgare. J Pediatr.Surg. 2008;43(11):2109-2111. [View abstract.](#)
- 31452**
- Nickavar, B. and Abolhasani, F. A. Screening of antioxidant properties of seven Umbelliferae fruits from Iran. Pak.J Pharm.Sci 2009;22(1):30-35.[View abstract.](#)
- 31454**

- Topal, U., Sasaki, M., Goto, M., and Otles, S. Chemical compositions and antioxidant properties of essential oils from nine species of Turkish plants obtained by supercritical carbon dioxide extraction and steam distillation. *Int.J.Food Sci.Nutr.* 2008;59(7-8):619-634. [View abstract.](#) **31471**
- De Martino, L., De, Feo, V, Fratianni, F., and Nazzaro, F. Chemistry, antioxidant, antibacterial and antifungal activities of volatile oils and their components. *Nat.Prod.Commun.* 2009;4(12):1741-1750. [View abstract.](#) **31503**
- Reiter, M. and Brandt, W. Relaxant effects on tracheal and ileal smooth muscles of the guinea pig. *Arzneimittelforschung.* 1985;35(1A):408-414.[View abstract.](#) **31523**
- Sekizawa, J. and Shibamoto, T. Genotoxicity of safrole-related chemicals in microbial test systems. *Mutat.Res* 1982;101(2):127-140. [View abstract.](#) **31526**
- Albert-Puleo, M. Fennel and anise as estrogenic agents. *J Ethnopharmacol.* 1980;2(4):337-344. [View abstract.](#) **31555**
- El Kady, I. A., El Maraghy, S. S., and Eman, Mostafa M. Natural occurrence of mycotoxins in different spices in Egypt. *Folia Microbiol.(Praha)* 1995;40(3):297-300. [View abstract.](#) **31568**
- Farag, R. S. and el Khawas, K. H. Influence of gamma-irradiation and microwaves on the antioxidant property of some essential oils. *Int J Food Sci Nutr* 1998;49(2):109-115. [View abstract.](#) **31689**
- Aggarwal, B. B. and Shishodia, S. Molecular targets of dietary agents for prevention and therapy of cancer. *Biochem.Pharmacol* 5-14-2006;71(10):1397-1421. [View abstract.](#) **32482**
- Singh, U. P., Singh, D. P., Maurya, S., Maheshwari, R., Singh, M., Dubey, R. S., and Singh, R. B. Investigation on the phenolics of some spices having pharmacotherapeutic properties. *J Herb.Pharmacother.* 2004;4(4):27-42. [View abstract.](#) **33813**
- Dadalioglu, I. and Evrendilek, G. A. Chemical compositions and antibacterial effects of essential oils of Turkish oregano (*Origanum minutiflorum*), bay laurel (*Laurus nobilis*), Spanish lavender (*Lavandula stoechas* L.), and fennel (*Foeniculum vulgare*) on common foodborne pathogens. *J Agric.Food Chem.* 12-29-2004;52(26):8255-8260. [View abstract.](#) **33820**
- Misharina, T. A. and Polshkov, A. N. [Antioxidant properties of essential oils: autoxidation of essential oils from laurel and fennel and effects of mixing with essential oil from coriander]. *Prikl.Biokhim.Mikrobiol.* 2005;41(6):693-702. [View abstract.](#) **33821**
- Soylu, E. M., Soylu, S., and Kurt, S. Antimicrobial activities of the essential oils of various plants against tomato late blight disease agent *Phytophthora infestans*. *Mycopathologia* 2006;161(2):119-128. [View abstract.](#) **33827**
- Ozcan, M. M., Sagdic, O., and Ozkan, G. Inhibitory effects of spice essential oils on the growth of *Bacillus* species. *J Med Food* 2006;9(3):418-421.[View abstract.](#) **33828**
- Conforti, F., Statti, G., Uzunov, D., and Menichini, F. Comparative chemical composition and antioxidant activities of wild and cultivated *Laurus nobilis* L. leaves and *Foeniculum vulgare* subsp. *piperitum* (Ucria) coutinho seeds. *Biol.Pharm.Bull* 2006;29(10):2056-2064. [View abstract.](#) **33836**
- Kaileh, M., Berghe, W. V., Boone, E., Essawi, T., and Haegeman, G. Screening of indigenous Palestinian medicinal plants for potential anti-inflammatory and cytotoxic activity. *J Ethnopharmacol.* 9-25-2007;113(3):510-516. [View abstract.](#) **33842**

- Papageorgiou, V., Mallouchos, A., and Komaitis, M. Investigation of the antioxidant behavior of air- and freeze-dried aromatic plant materials in relation to their phenolic content and vegetative cycle. *J Agric.Food Chem.* 7-23-2008;56(14):5743-5752. [View abstract.](#) **33856**
- Misharina, T. A., Terenina, M. B., and Krikunova, N. I. [Antioxidant properties of essential oils]. *Prikl.Biokhim.Mikrobiol.* 2009;45(6):710-716. [View abstract.](#) **34364**
- Hur, M. H., Kim, C., Kim, C. H., Ahn, H. C., and Ahn, H. Y. [The effects of inhalation of essential oils on the body weight, food efficiency rate and serum leptin of growing SD rats]. *Taehan Kanho.Hakhoe.Chi* 2006;36(2):236-243. [View abstract.](#) **34398**
- Hotta, M., Nakata, R., Katsukawa, M., Hori, K., Takahashi, S., and Inoue, H. Carvacrol, a component of thyme oil, activates PPARalpha and gamma and suppresses COX-2 expression. *J Lipid Res* 2010;51(1):132-139. [View abstract.](#) **36202**
- Aggarwal, B. B., Kunnumakkara, A. B., Harikumar, K. B., Tharakan, S. T., Sung, B., and Anand, P. Potential of spice-derived phytochemicals for cancer prevention. *Planta Med* 2008;74(13):1560-1569. [View abstract.](#) **38375**
- Subehan, Usia, T., Iwata, H., Kadota, S., and Tezuka, Y. Mechanism-based inhibition of CYP3A4 and CYP2D6 by Indonesian medicinal plants. *J Ethnopharmacol.* 5-24-2006;105(3):449-455. [View abstract.](#) **39778**
- Satyanarayana, S., Sushruta, K., Sarma, G. S., Srinivas, N., and Subba Raju, G. V. Antioxidant activity of the aqueous extracts of spicy food additives--evaluation and comparison with ascorbic acid in in-vitro systems. *J Herb.Pharmacother.* 2004;4(2):1-10. [View abstract.](#) **39783**
- Mahady, G. B., Pendland, S. L., Stoia, A., Hamill, F. A., Fabricant, D., Dietz, B. M., and Chadwick, L. R. In vitro susceptibility of *Helicobacter pylori* to botanical extracts used traditionally for the treatment of gastrointestinal disorders. *Phytother.Res* 2005;19(11):988-991. [View abstract.](#) **39795**
- Schone, F., Vetter, A., Hartung, H., Bergmann, H., Biertumpfel, A., Richter, G., Muller, S., and Breitschuh, G. Effects of essential oils from fennel (*Foeniculi aetheroleum*) and caraway (*Carvi aetheroleum*) in pigs. *J Anim Physiol Anim Nutr (Berl)* 2006;90(11-12):500-510. [View abstract.](#) **39805**
- Bogucka-Kocka, A., Smolarz, H. D., and Kocki, J. Apoptotic activities of ethanol extracts from some Apiaceae on human leukaemia cell lines. *Fitoterapia* 2008;79(7-8):487-497. [View abstract.](#) **39806**
- Gutierrez, J., Rodriguez, G., Barry-Ryan, C., and Bourke, P. Efficacy of plant essential oils against foodborne pathogens and spoilage bacteria associated with ready-to-eat vegetables: antimicrobial and sensory screening. *J Food Prot.* 2008;71(9):1846-1854. [View abstract.](#) **39809**
- Mohsenzadeh, M. Evaluation of antibacterial activity of selected Iranian essential oils against *Staphylococcus aureus* and *Escherichia coli* in nutrient broth medium. *Pak.J Biol.Sci.* 10-15-2007;10(20):3693-3697. [View abstract.](#) **39816**
- Hawrelak, J. A., Cattley, T., and Myers, S. P. Essential oils in the treatment of intestinal dysbiosis: A preliminary in vitro study. *Altern.Med Rev.* 2009;14(4):380-384. [View abstract.](#) **39824**
- Beitz, H., Pank, F., and Ehrt, M. [Pesticide residues in medicinal plants and seasoning herbs--dimethoate residues in caraway and fennel]. *Pharmazie* 1972;27(4):265-268. [View abstract.](#) **39864**
- Vasudevan, K., Vembar, S., Veeraraghavan, K., and Haranath, P. S. Influence of intragastric perfusion of aqueous spice extracts on acid secretion in anesthetized albino rats. *Indian J.Gastroenterol.* 2000;19(2):53-56. [View abstract.](#) **40898**

- Bobovnikova, Tsl, Alekseeva, L. B., Dibtseva, A. V., Chernik, G. V., Orlinsky, D. B., Pripulina, I. V., and Pleskachevskaya, G. A. The influence of a capacitor plant in Serpukhov on vegetable contamination by polychlorinated biphenyls. *Sci Total Environ.* 1-31-2000;246(1):51-60. [View abstract](#). **40978**
- Zidorn, C., Johrer, K., Ganzera, M., Schubert, B., Sigmund, E. M., Mader, J., Greil, R., Ellmerer, E. P., and Stuppner, H. Polyacetylenes from the Apiaceae vegetables carrot, celery, fennel, parsley, and parsnip and their cytotoxic activities. *J Agric.Food Chem.* 4-6-2005;53(7):2518-2523. [View abstract](#). **41040**
- D'Amico, M., Frisullo, S., and Cirulli, M. Endophytic fungi occurring in fennel, lettuce, chicory, and celery--commercial crops in southern Italy. *Mycol.Res* 2008;112(Pt 1):100-107. [View abstract](#). **41120**
- Cavazzini, G., Ceccherini, R., Bolognesi, L., Brandi, A., and Rausa, G. [*Yersinia enterocolitica*: biotypes and serotypes isolated from horticultural products]. *Boll.Ist.Sieroter.Milan* 9-30-1983;62(4):317-322. [View abstract](#). **41136**
- Nabrzyski, M. and Gajewska, R. [The content of nitrates and nitrites in fruits, vegetables and other foodstuffs]. *Rocz.Panstw.Zakl.Hig.* 1994;45(3):167-180. [View abstract](#). **41616**
- Cavazzini, G., Guidi, E., and Rausa, G. [Gram-negative flora of horticultural produce destined for consumption mainly in the raw state]. *Ann Ig* 1989;1(5):1279-1289. [View abstract](#). **41753**
- Schmidtlein, H. and Herrmann, K. [On the phenolic acids of vegetables. IV. Hydroxycinnamic acids and hydroxybenzoic acids of vegetables and potatoes (author's transl)]. *Z Lebensm.Unters.Forsch* 12-16-1975;159(5):255-263. [View abstract](#). **43459**
- Khaldun, A. O. [Antibacterial action of ether oils of some plants]. *Zh.Mikrobiol.Epidemiol.Immunobiol.* 2006;(3):92-93. [View abstract](#). **46171**
- Singh, G., Kapoor, I. P., Pandey, S. K., Singh, U. K., and Singh, R. K. Studies on essential oils: part 10; antibacterial activity of volatile oils of some spices. *Phytother.Res* 2002;16(7):680-682. [View abstract](#). **46178**
- Ramakrishna, Rao R., Platel, K., and Srinivasan, K. In vitro influence of spices and spice-active principles on digestive enzymes of rat pancreas and small intestine. *Nahrung* 2003;47(6):408-412. [View abstract](#). **46183**
- Lo, Cantore P., Iacobellis, N. S., De Marco, A., Capasso, F., and Senatore, F. Antibacterial activity of *Coriandrum sativum* L. and *Foeniculum vulgare* Miller Var. *vulgare* (Miller) essential oils. *J Agric.Food Chem.* 12-29-2004;52(26):7862-7866. [View abstract](#). **46196**
- Bub, S., Brinckmann, J., Cicconetti, G., and Valentine, B. Efficacy of an herbal dietary supplement (Smooth Move) in the management of constipation in nursing home residents: A randomized, double-blind, placebo-controlled study. *J Am.Med.Dir.Assoc.* 2006;7(9):556-561. [View abstract](#). **46229**
- Satchell, F. B., Bruce, V. R., Allen, G., Andrews, W. H., and Gerber, H. R. Microbiological survey of selected imported spices and associated fecal pellet specimens. *J Assoc.Off Anal.Chem.* 1989;72(4):632-637. [View abstract](#). **46275**
- El, S. N. and Karakaya, S. Radical scavenging and iron-chelating activities of some greens used as traditional dishes in Mediterranean diet. *Int J Food Sci Nutr* 2004;55(1):67-74. [View abstract](#). **46888**
- Saraswat, M., Muthenna, P., Suryanarayana, P., Petrash, J. M., and Reddy, G. B. Dietary sources of aldose reductase inhibitors: prospects for alleviating diabetic complications. *Asia Pac.J Clin Nutr.* 2008;17(4):558-565. [View abstract](#).

- Peighami-Ashnaei, S., Farzaneh, M., Sharifi-Tehrani, A., and Behboudi, K. Effect of essential oils in control of plant diseases. *Commun.Agric.Appl.Biol.Sci* 2009;74(3):843-847. [View abstract](#). **46893**
- Kaur, G. J. and Arora, D. S. Antibacterial and phytochemical screening of *Anethum graveolens*, *Foeniculum vulgare* and *Trachyspermum ammi*. *BMC.Complement Altern.Med.* 2009;9:30. [View abstract](#). **47805**
- Lis-Balchin, M. and Hart, S. A preliminary study of the effect of essential oils on skeletal and smooth muscle in vitro. *J Ethnopharmacol* 1997;58(3):183-187. [View abstract](#). **47816**
- De Vincenzi, M., Silano, M., Maialetti, F., and Scazzocchio, B. Constituents of aromatic plants: II. Estragole. *Fitoterapia* 2000;71(6):725-729. [View abstract](#). **49405**
- Harder, J., Heyen, U., Probian, C., and Foss, S. Anaerobic utilization of essential oils by denitrifying bacteria. *Biodegradation*. 2000;11(1):55-63. [View abstract](#). **49406**
- Ruberto, G., Baratta, M. T., Deans, S. G., and Dorman, H. J. Antioxidant and antimicrobial activity of *Foeniculum vulgare* and *Crithmum maritimum* essential oils. *Planta Med* 2000;66(8):687-693. [View abstract](#). **49407**
- El Bardai, S., Lyoussi, B., Wibo, M., and Morel, N. Pharmacological evidence of hypotensive activity of *Marrubium vulgare* and *Foeniculum vulgare* in spontaneously hypertensive rat. *Clin Exp Hypertens*. 2001;23(4):329-343. [View abstract](#). **49408**
- Bins, A. D. and Derksen-Lubsen, G. [Diagnostic image (59). Accidental ingestion of 70% alcohol mistaken for very similarly packaged fennel water]. *Ned.Tijdschr.Geneeskd.* 10-13-2001;145(41):1981. [View abstract](#). **49409**
- Bins, A. D. and Derksen-Lubsen, G. [Diagnostic image (59); corrected placement. Accidental ingestion of alcohol 70% mistaken for very similarly packaged fennel water]. *Ned.Tijdschr.Geneeskd.* 10-27-2001;145(43):2077. [View abstract](#). **49410**
- Andreev, G. N., Schrader, B., Schulz, H., Fuchs, R., Popov, S., and Handjieva, N. Non-destructive NIR-FT-Raman analyses in practice. Part I. Analyses of plants and historic textiles. *Fresenius.J Anal.Chem.* 2001;371(7):1009-1017. [View abstract](#). **49411**
- Croci, L., De Medici, D., Scalfaro, C., Fiore, A., and Toti, L. The survival of hepatitis A virus in fresh produce. *Int J Food Microbiol.* 2-25-2002;73(1):29-34. [View abstract](#). **49412**
- Kwon, Y. S., Choi, W. G., Kim, W. J., Kim, W. K., Kim, M. J., Kang, W. H., and Kim, C. M. Antimicrobial constituents of *Foeniculum vulgare*. *Arch Pharm.Res* 2002;25(2):154-157. [View abstract](#). **49413**
- Abou-Jawdah, Y., Sobh, H., and Salameh, A. Antimycotic activities of selected plant flora, growing wild in Lebanon, against phytopathogenic fungi. *J Agric.Food Chem.* 5-22-2002;50(11):3208-3213. [View abstract](#). **49414**
- Stashenko, E. E., Puertas, M. A., and Martinez, J. R. SPME determination of volatile aldehydes for evaluation of in-vitro antioxidant activity. *Anal.Bioanal.Chem.* 2002;373(1-2):70-74. [View abstract](#). **49415**
- Bilke, S. and Mosandl, A. $2\text{H}/(1)\text{H}$ and $(13)\text{C}/(12)\text{C}$ isotope ratios of trans-anethole using gas chromatography-isotope ratio mass spectrometry. *J Agric.Food Chem.* 7-3-2002;50(14):3935-3937. [View abstract](#). **49416**
- 49417**

- Fugh-Berman, A. Herbal Supplements: Indications, Clinical Concerns, and Safety. *Nutr Today* 2002;37(3):122-124. [View abstract](#). **49418**
- Parejo, I., Viladomat, F., Bastida, J., Rosas-Romero, A., Flerlage, N., Burillo, J., and Codina, C. Comparison between the radical scavenging activity and antioxidant activity of six distilled and nondistilled mediterranean herbs and aromatic plants. *J Agric.Food Chem.* 11-6-2002;50(23):6882-6890. [View abstract](#). **49419**
- Kim, D. H., Kim, S. I., Chang, K. S., and Ahn, Y. J. Repellent activity of constituents identified in *Foeniculum vulgare* fruit against *Aedes aegypti* (Diptera: Culicidae). *J.Agric.Food Chem.* 11-20-2002;50(24):6993-6996. [View abstract](#). **49420**
- Haze, S., Sakai, K., and Gozu, Y. Effects of fragrance inhalation on sympathetic activity in normal adults. *Jpn.J Pharmacol.* 2002;90(3):247-253. [View abstract](#). **49421**
- Aridogan, B. C., Baydar, H., Kaya, S., Demirci, M., Ozbasar, D., and Mumcu, E. Antimicrobial activity and chemical composition of some essential oils. *Arch.Pharm.Res* 2002;25(6):860-864. [View abstract](#). **49422**
- Namavar, Jahromi B., Tartifizadeh, A., and Khabnadideh, S. Comparison of fennel and mefenamic acid for the treatment of primary dysmenorrhea. *Int.J.Gynaecol.Obstet.* 2003;80(2):153-157. [View abstract](#). **49423**
- Xia, Z. H., Guo, W. S., Tang, X. D., Wang, X. M., Tong, J., You, J., Cai, Y. P., and Lu, Y. [Selective isolation of anethole from volatile oil of *Foeniculum vulgare* Mill by inclusion crystalline with chela-shape host]. *Yao Xue.Xue.Bao.* 2001;36(9):672-675. [View abstract](#). **49424**
- Iyer, L. V., Ho, M. N., Shinn, W. M., Bradford, W. W., Tanga, M. J., Nath, S. S., and Green, C. E. Glucuronidation of 1'-hydroxyestragole (1'-HE) by human UDP-glucuronosyltransferases UGT2B7 and UGT1A9. *Toxicol Sci* 2003;73(1):36-43. [View abstract](#). **49425**
- Mimica-Dukic, N., Kujundzic, S., Sokovic, M., and Couladis, M. Essential oil composition and antifungal activity of *Foeniculum vulgare* Mill obtained by different distillation conditions. *Phytother.Res.* 2003;17(4):368-371. [View abstract](#). **49426**
- Ozbek, H., Ugras, S., Dulger, H., Bayram, I., Tuncer, I., Ozturk, G., and Ozturk, A. Hepatoprotective effect of *Foeniculum vulgare* essential oil. *Fitoterapia* 2003;74(3):317-319. [View abstract](#). **49427**
- Toda, S. Inhibitory effects of aromatic herbs on lipid peroxidation and protein oxidative modification by copper. *Phytother Res* 2003;17(5):546-548. [View abstract](#). **49428**
- Alexandrovich, I., Rakovitskaya, O., Kolmo, E., Sidorova, T., and Shushunov, S. The effect of fennel (*Foeniculum Vulgare*) seed oil emulsion in infantile colic: a randomized, placebo-controlled study. *Altern.Ther.Health Med.* 2003;9(4):58-61. [View abstract](#). **49429**
- Javidnia, K., Dastgheib, L., Mohammadi, Samani S., and Nasiri, A. Antihirsutism activity of Fennel (fruits of *Foeniculum vulgare*) extract. A double-blind placebo controlled study. *Phytomedicine.* 2003;10(6-7):455-458. [View abstract](#). **49430**
- Baliga, M. S., Jagetia, G. C., Rao, S. K., and Babu, K. Evaluation of nitric oxide scavenging activity of certain spices in vitro: a preliminary study. *Nahrung* 2003;47(4):261-264. [View abstract](#). **49431**
- KANEKO, K. Biogenetic studies of natural products. VIII. Biosynthesis of anethole by *Foeniculum vulgare*. (4). *Chem.Pharm.Bull (Tokyo)* 1962;10:1085-1087. [View abstract](#). **49432**

- PAPOVIAN, G. S., MIRZABEKIAN, A. O., VANTSIAN, E. A., KARABEKOV, B. P., MELKUMIAN, P. B., MKRTCHIAN, A. E., and GRIGORIAN, S. M. [OBSERVATION ON BOTULISM CASES CAUSED BY CONSUMPTION OF FOENICULUM.]. *Vopr.Pitan.* 1965;24:87-88. [View abstract.](#)
49433
- Gluck, U. [Neglected allergens]. *Ther Umsch.* 1992;49(10):669-673. [View abstract.](#)
49434
- Wang, C., Gong, N. B., Zheng, Q. T., Guo, W. S., and Lu, Y. [Study on selective isolation of volatile oil in the seed of *Fructus foeniculi*]. *Zhongguo Zhong.Yao Za Zhi.* 2003;28(3):240-242. [View abstract.](#)
49435
- Parejo, I., Viladomat, F., Bastida, J., Schmeda-Hirschmann, G., Burillo, J., and Codina, C. Bioguided isolation and identification of the nonvolatile antioxidant compounds from fennel (*Foeniculum vulgare* Mill.) waste. *J Agric.Food Chem.* 4-7-2004;52(7):1890-1897. [View abstract.](#)
49436
- Kapoor, R., Giri, B., and Mukerji, K. G. Improved growth and essential oil yield and quality in *Foeniculum vulgare* mill on mycorrhizal inoculation supplemented with P-fertilizer. *Bioresour.Technol.* 2004;93(3):307-311. [View abstract.](#)
49437
- Boskabady, M. H., Khatami, A., and Nazari, A. Possible mechanism(s) for relaxant effects of *Foeniculum vulgare* on guinea pig tracheal chains. *Pharmazie* 2004;59(7):561-564. [View abstract.](#)
49438
- Choi, E. M. and Hwang, J. K. Antiinflammatory, analgesic and antioxidant activities of the fruit of *Foeniculum vulgare*. *Fitoterapia* 2004;75(6):557-565. [View abstract.](#)
49439
- Baranska, M., Schulz, H., Rosch, P., Strehle, M. A., and Popp, J. Identification of secondary metabolites in medicinal and spice plants by NIR-FT-Raman microspectroscopic mapping. *Analyst* 2004;129(10):926-930. [View abstract.](#)
49440
- Liu, Z., Lu, C., and Chen, J. [Correlation comparison of uterotrophic assay and E-SCREEN assay for estrogenic activities]. *Wei Sheng Yan.Jiu.* 2004;33(4):458-460. [View abstract.](#)
49441
- Takahashi, Y. K., Nagayama, S., and Mori, K. Detection and masking of spoiled food smells by odor maps in the olfactory bulb. *J Neurosci.* 10-6-2004;24(40):8690-8694. [View abstract.](#)
49442
- Kim, S. I., Chang, K. S., Yang, Y. C., Kim, B. S., and Ahn, Y. J. Repellency of aerosol and cream products containing fennel oil to mosquitoes under laboratory and field conditions. *Pest.Manag.Sci* 2004;60(11):1125-1130. [View abstract.](#)
49443
- Basgel, S. and Erdemoglu, S. B. Determination of mineral and trace elements in some medicinal herbs and their infusions consumed in Turkey. *Sci Total Environ* 4-15-2006;359(1-3):82-89. [View abstract.](#)
49444
- Murone, A. J., Stucki, P., Roback, M. G., and Gehri, M. Severe methemoglobinemia due to food intoxication in infants. *Pediatr.Emerg.Care* 2005;21(8):536-538. [View abstract.](#)
49445
- Tognolini, M., Barocelli, E., Ballabeni, V., Bruni, R., Bianchi, A., Chiavarini, M., and Impicciatore, M. Comparative screening of plant essential oils: phenylpropanoid moiety as basic core for antiplatelet activity. *Life Sci.* 2-23-2006;78(13):1419-1432. [View abstract.](#)
49446
- Corbo, M. R., Del Nobile, M. A., and Sinigaglia, M. A novel approach for calculating shelf life of minimally processed vegetables. *Int J Food Microbiol.* 1-15-2006;106(1):69-73. [View abstract.](#)
49447
- Schelz, Z., Molnar, J., and Hohmann, J. Antimicrobial and antiplasmid activities of essential oils. *Fitoterapia* 2006;77(4):279-285. [View abstract.](#)
49448

- Perez-Fernandez, M. A., Calvo-Magro, E., Montanero-Fernandez, J., and Oyola-Velasco, J. A. Seed germination in response to chemicals: effect of nitrogen and pH in the media. *J Environ Biol.* 2006;27(1):13-20. [View abstract](#). **49449**
- Krizman, M., Baricevic, D., and Prosek, M. Determination of phenolic compounds in fennel by HPLC and HPLC-MS using a monolithic reversed-phase column. *J Pharm.Biomed.Anal.* 1-17-2007;43(2):481-485. [View abstract](#). **49450**
- Diaz-Maroto, M. C., Perez-Coello, M. S., Esteban, J., and Sanz, J. Comparison of the volatile composition of wild fennel samples (*Foeniculum vulgare* Mill.) from central Spain. *J Agric.Food Chem.* 9-6-2006;54(18):6814-6818. [View abstract](#). **49451**
- Guerrini, A., Sacchetti, G., Muzzoli, M., Moreno, Rueda G., Medici, A., Besco, E., and Bruni, R. Composition of the volatile fraction of *Ocotea bofo* Kunth (Lauraceae) calyces by GC-MS and NMR fingerprinting and its antimicrobial and antioxidant activity. *J Agric.Food Chem.* 10-4-2006;54(20):7778-7788. [View abstract](#). **49452**
- Joshi, H. and Parle, M. Cholinergic basis of memory-strengthening effect of *Foeniculum vulgare* Linn. *J Med Food* 2006;9(3):413-417. [View abstract](#). **49453**
- Modaress, Nejad, V and Asadipour, M. Comparison of the effectiveness of fennel and mefenamic acid on pain intensity in dysmenorrhoea. *East Mediterr.Health J* 2006;12(3-4):423-427. [View abstract](#). **49454**
- Ozcan, M. M., Chalchat, J. C., Arslan, D., Ates, A., and Unver, A. Comparative essential oil composition and antifungal effect of bitter fennel (*Foeniculum vulgare* ssp. *piperitum*) fruit oils obtained during different vegetation. *J Med Food* 2006;9(4):552-561. [View abstract](#). **49455**
- Barazani, O., Fait, A., Cohen, Y., Diminshtein, S., Ravid, U., Putievsky, E., Lewinsohn, E., and Friedman, J. Chemical variation among indigenous populations of *Foeniculum vulgare* var. *vulgare* in Israel. *Planta Med* 1999;65(5):486-489. [View abstract](#). **49456**
- Giosafatto, C. V., Mariniello, L., and Ring, S. Extraction and characterization of *Foeniculum vulgare* pectins and their use for preparing biopolymer films in the presence of phaseolin protein. *J Agric.Food Chem.* 2-21-2007;55(4):1237-1240. [View abstract](#). **49457**
- Miura, Y., Ogawa, K., Fukui, H., and Tabata, M. Changes in the Essential Oil Components during the Development of Fennel Plants from Somatic Embryoids. *Planta Med* 1987;53(1):95-96. [View abstract](#). **49458**
- Birdane, F. M., Cemek, M., Birdane, Y. O., Gulcin, I., and Buyukokuroglu, M. E. Beneficial effects of *Foeniculum vulgare* on ethanol-induced acute gastric mucosal injury in rats. *World J Gastroenterol.* 1-28-2007;13(4):607-611. [View abstract](#). **49459**
- Bajer, T., Adam, M., Galla, L., and Ventura, K. Comparison of various extraction techniques for isolation and determination of isoflavonoids in plants. *J Sep.Sci* 2007;30(1):122-127. [View abstract](#). **49460**
- De Marino, S., Gala, F., Borbone, N., Zollo, F., Vitalini, S., Visioli, F., and Iorizzi, M. Phenolic glycosides from *Foeniculum vulgare* fruit and evaluation of antioxidative activity. *Phytochemistry* 2007;68(13):1805-1812. [View abstract](#). **49461**
- Tullio, V., Nostro, A., Mandras, N., Dugo, P., Banche, G., Cannatelli, M. A., Cuffini, A. M., Alonzo, V., and Carlone, N. A. Antifungal activity of essential oils against filamentous fungi determined by broth microdilution and vapour contact methods. *J Appl.Microbiol.* 2007;102(6):1544-1550. [View abstract](#). **49462**

- Capasso, R., Savino, F., and Capasso, F. Effects of the herbal formulation ColiMil on upper gastrointestinal transit in mice in vivo. *Phytother Res* 2007;21(10):999-1101. [View abstract](#). **49463**
- Dhalwal, K., Shinde, V. M., Mahadik, K. R., and Namdeo, A. G. Rapid densitometric method for simultaneous analysis of umbelliferone, psoralen, and eugenol in herbal raw materials using HPTLC. *J Sep.Sci* 2007;30(13):2053-2058. [View abstract](#). **49464**
- Camacho-Corona, Mdel R., Ramirez-Cabrera, M. A., Santiago, O. G., Garza-Gonzalez, E., Palacios, Ide P., and Luna-Herrera, J. Activity against drug resistant-tuberculosis strains of plants used in Mexican traditional medicine to treat tuberculosis and other respiratory diseases. *Phytother.Res* 2008;22(1):82-85. [View abstract](#). **49465**
- Wright, C. I., Van Buren, L., Kroner, C. I., and Koning, M. M. Herbal medicines as diuretics: a review of the scientific evidence. *J Ethnopharmacol.* 10-8-2007;114(1):1-31. [View abstract](#). **49466**
- Soylu, S., Yigitbas, H., Soyly, E. M., and Kurt, S. Antifungal effects of essential oils from oregano and fennel on *Sclerotinia sclerotiorum*. *J Appl.Microbiol.* 2007;103(4):1021-1030. [View abstract](#). **49467**
- Shah, A. H., Qureshi, S., and Ageel, A. M. Toxicity studies in mice of ethanol extracts of *Foeniculum vulgare* fruit and *Ruta chalepensis* aerial parts. *J Ethnopharmacol.* 1991;34(2-3):167-172. [View abstract](#). **49468**
- Subehan, Zaidi, S. F., Kadota, S., and Tezuka, Y. Inhibition on human liver cytochrome P450 3A4 by constituents of fennel (*Foeniculum vulgare*): identification and characterization of a mechanism-based inactivator. *J Agric.Food Chem.* 12-12-2007;55(25):10162-10167. [View abstract](#). **49469**
- Celik, I. and Isik, I. Determination of chemopreventive role of *Foeniculum vulgare* and *Salvia officinalis* infusion on trichloroacetic acid-induced increased serum marker enzymes lipid peroxidation and antioxidative defense systems in rats. *Nat.Prod.Res* 1-10-2008;22(1):66-75. [View abstract](#). **49470**
- Chohan, M., Forster-Wilkins, G., and Opara, E. I. Determination of the antioxidant capacity of culinary herbs subjected to various cooking and storage processes using the ABTS(*+) radical cation assay. *Plant Foods Hum.Nutr.* 2008;63(2):47-52. [View abstract](#). **49471**
- Abramson, C. I., Wanderley, P. A., Wanderley, M. J., Silva, J. C., and Michaluk, L. M. The effect of essential oils of sweet fennel and pignut on mortality and learning in africanized honeybees (*Apis mellifera* L.) (Hymenoptera: Apidae). *Neotrop.Entomol.* 2007;36(6):828-835. [View abstract](#). **49472**
- Faudale, M., Viladomat, F., Bastida, J., Poli, F., and Codina, C. Antioxidant activity and phenolic composition of wild, edible, and medicinal fennel from different Mediterranean countries. *J Agric.Food Chem.* 3-26-2008;56(6):1912-1920. [View abstract](#). **49473**
- Savino, F., Capasso, R., Palumeri, E., Tarasco, V., Locatelli, E., and Capasso, F. [Advances on the effects of the compounds of a phytotherapeutic agent (COLIMIL) on upper gastrointestinal transit in mice]. *Minerva Pediatr.* 2008;60(3):285-290. [View abstract](#). **49474**
- Lods, L. M., Dres, C., Johnson, C., Scholz, D. B., and Brooks, G. J. The future of enzymes in cosmetics. *Int J Cosmet.Sci* 2000;22(2):85-94. [View abstract](#). **49475**
- Azrak, B., Willershausen, B., Meyer, N., and Callaway, A. Course of changes in salivary pH-values after intake of different beverages in young children. *Oral Health Prev.Dent.* 2008;6(2):159-164. [View abstract](#). **49476**

Cosge, B., Kiralan, M., and Gurbuz, B. Characteristics of fatty acids and essential oil from sweet fennel (*Foeniculum vulgare* Mill. var. *dulce*) and bitter fennel fruits (*F. vulgare* Mill. var. *vulgare*) growing in Turkey. *Nat.Prod.Res* 2008;22(12):1011-1016. [View abstract](#).

49477

Agarwal, R., Gupta, S. K., Agrawal, S. S., Srivastava, S., and Saxena, R. Oculohypotensive effects of *foeniculum vulgare* in experimental models of glaucoma. *Indian J Physiol Pharmacol*. 2008;52(1):77-83. [View abstract](#).

49478

LEVY, S. B. Bronchial asthma due to ingestion of fennel and fennel seed. *Ann.Allergy* 1948;6(4):415. [View abstract](#).

49479

Singh, B. and Kale, R. K. Chemomodulatory action of *Foeniculum vulgare* (Fennel) on skin and forestomach papillomagenesis, enzymes associated with xenobiotic metabolism and antioxidant status in murine model system. *Food Chem.Toxicol*. 2008;46(12):3842-3850. [View abstract](#).

49480

Zeller, A. and Rychlik, M. Character impact odorants of fennel fruits and fennel tea. *J Agric.Food Chem*. 5-17-2006;54(10):3686-3692. [View abstract](#).

49481

Brandelli, C. L., Giordani, R. B., De Carli, G. A., and Tasca, T. Indigenous traditional medicine: in vitro anti-giardial activity of plants used in the treatment of diarrhea. *Parasitol.Res* 2009;104(6):1345-1349. [View abstract](#).

49482

Ozcan, M. M., Erel, O., and Herken, E. E. Antioxidant activity, phenolic content, and peroxide value of essential oil and extracts of some medicinal and aromatic plants used as condiments and herbal teas in Turkey. *J Med Food* 2009;12(1):198-202. [View abstract](#).

49483

Barros, L., Heleno, S. A., Carvalho, A. M., and Ferreira, I. C. Systematic evaluation of the antioxidant potential of different parts of *Foeniculumvulgare* Mill. from Portugal. *Food Chem.Toxicol*. 2009;47(10):2458-2464. [View abstract](#).

49484

Zhang, F., Li, Z., Tian, S., and Ma, L. [Analysis on changes of chemical compounds in different samples of fried *Foeniculum vulgare*]. *Zhongguo Zhong.Yao Za Zhi*. 2009;34(7):829-832. [View abstract](#).

49485

Sayed, S. M., Abou El-Ella, G. A., Wahba, N. M., El Nisr, N. A., Raddad, K., Abd El Rahman, M. F., Abd El Hafeez, M. M., and Abd El Fattah, Aamer A. Immune defense of rats immunized with fennel honey, propolis, and bee venom against induced staphylococcal infection. *J Med Food* 2009;12(3):569-575. [View abstract](#).

49486

Jazani, N. H., Zartoshti, M., Babazadeh, H., Ali-daiee, N., Zarrin, S., and Hosseini, S. Antibacterial effects of Iranian fennel essential oil on isolates of *Acinetobacter baumannii*. *Pak.J Biol.Sci* 5-1-2009;12(9):738-741. [View abstract](#).

49487

Cwikla, C., Schmidt, K., Matthias, A., Bone, K. M., Lehmann, R., and Tiralongo, E. Investigations into the antibacterial activities of phytotherapeutics against *Helicobacter pylori* and *Campylobacter jejuni*. *Phytother.Res* 2010;24(5):649-656. [View abstract](#).

49488

Zeller, A., Horst, K., and Rychlik, M. Study of the metabolism of estragole in humans consuming fennel tea. *Chem.Res Toxicol*. 2009;22(12):1929-1937. [View abstract](#).

49489

Cetin, B., Ozer, H., Cakir, A., Polat, T., Dursun, A., Mete, E., Ozturk, E., and Ekinci, M. Antimicrobial activities of essential oil and hexane extract of Florence fennel [*Foeniculum vulgare* var. *azoricum* (Mill.) Thell.] against foodborne microorganisms. *J Med Food* 2010;13(1):196-204. [View abstract](#).

49490

- Aprotosoai, A. C., Hancianu, M., Poiata, A., Tuchilus, C., Spac, A., Cioana, O., Gille, E., and Stanescu, U. In vitro antimicrobial activity and chemical composition of the essential oil of *Foeniculum vulgare* Mill. *Rev Med Chir Soc.Med Nat.Iasi* 2008;112(3):832-836. [View abstract.](#)
49491
- Miguel, M. G., Cruz, C., Faleiro, L., Simoes, M. T., Figueiredo, A. C., Barroso, J. G., and Pedro, L. G. *Foeniculum vulgare* essential oils: chemical composition, antioxidant and antimicrobial activities. *Nat.Prod.Commun.* 2010;5(2):319-328. [View abstract.](#)
49492
- Patra, A. K., Kamra, D. N., and Agarwal, N. Effects of extracts of spices on rumen methanogenesis, enzyme activities and fermentation of feeds in vitro. *J Sci Food Agric.* 2010;90(3):511-520. [View abstract.](#)
49493
- Ozdestan, O. and Uren, A. Development of a cost-effective method for nitrate and nitrite determination in leafy plants and nitrate and nitrite contents of some green leafy vegetables grown in the Aegean region of Turkey. *J Agric.Food Chem.* 5-12-2010;58(9):5235-5240. [View abstract.](#)
49494
- Picon, P. D., Picon, R. V., Costa, A. F., Sander, G. B., Amaral, K. M., Aboy, A. L., and Henriques, A. T. Randomized clinical trial of a phytotherapeutic compound containing *Pimpinella anisum*, *Foeniculum vulgare*, *Sambucus nigra*, and *Cassia augustifolia* for chronic constipation. *BMC.Complement Altern.Med.* 2010;10:17. [View abstract.](#)
49495
- Edenharder, R., John, K., and Ivo-Boor, H. [Antimutagenic activity of vegetable and fruit extracts against in-vitro benzo(a)pyrene]. *Z.Gesamte Hyg.* 1990;36(3):144-147. [View abstract.](#)
49496
- Croteau, R., Miyazaki, J. H., and Wheeler, C. J. Monoterpene biosynthesis: mechanistic evaluation of the geranyl pyrophosphate:(-)-endo-fenchol cyclase from fennel (*Foeniculum vulgare*). *Arch Biochem.Biophys.* 1989;269(2):507-516. [View abstract.](#)
49497
- Abdul-Ghani, A. S. and Amin, R. The vascular action of aqueous extracts of *Foeniculum vulgare* leaves. *J Ethnopharmacol.* 1988;24(2-3):213-218. [View abstract.](#)
49498
- Beitz, H., Seefeld, F., and Pank, F. [Herbicide residues on medicinal, and condiment plants: Lindane residues on fennel and peppermint]. *Pharmazie* 1971;26(10):644-645. [View abstract.](#)
49499
- Betts, T. J. Anethole and fenchone in the developing fruits of *Foeniculum vulgare* Mill. *J Pharm.Pharmacol.* 1968;20(6):469-472. [View abstract.](#)
49500
- Beitz, H. and Pank, F. [Residues of herbicides in medicinal and spice plants. Residues of methylparathion in fennel (*Foeniculum vulgare* Mill.) and in peppermint (*Mentha piperita* L.)]. *Pharmazie* 1972;27(8):532-534. [View abstract.](#)
49501
- Trenkle, K. [Recent studies in *Foeniculum vulgare*. Organic acids, especially phenyl carbonic acids]. *Planta Med* 1971;20(4):289-301. [View abstract.](#)
49502
- Rothbacher, H. and Kraus, A. [Terpene hydrocarbons in Rumanian fennel oil]. *Pharmazie* 1970;25(9):566-567. [View abstract.](#)
49503
- Toth, L. [Studies on the etheric oil of *Foeniculum vulgare*. II. Changes of different fennel oils before and after harvest]. *Planta Med* 1967;15(4):371-389. [View abstract.](#)
49504
- Sharma, A. K. and Sharma, K. D. Effects of fungal metabolites on the germination of sweet fennel (*Foeniculum vulgare* Mill.) seeds. *Toxicol.Lett.* 1983;17(1-2):81-84. [View abstract.](#)
49505
- Ercolani, G. L. Bacteriological quality assessment of fresh marketed lettuce and fennel. *Appl.Environ Microbiol.* 1976;31(6):847-852. [View abstract.](#)
49506

- Edenharder, R., Kurz, P., John, K., Burgard, S., and Seeger, K. In vitro effect of vegetable and fruit juices on the mutagenicity of 2-amino-3-methylimidazo[4,5-f]quinoline, 2-amino-3,4-dimethylimidazo[4,5-f]quinoline and 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline. *Food Chem.Toxicol.* 1994;32(5):443-459. [View abstract.](#) **49507**
- Ottolenghi, A., De Chiara, A., Arrigoni, S., Terracciano, L., and De Amici, M. [Diagnosis of food allergy caused by fruit and vegetables in children with atopic dermatitis]. *Pediatr Med Chir* 1995;17(6):525-530. [View abstract.](#) **49508**
- Schwartz, H. J., Jones, R. T., Rojas, A. R., Squillace, D. L., and Yunginger, J. W. Occupational allergic rhinoconjunctivitis and asthma due to fennel seed. *Ann.Allergy Asthma Immunol.* 1997;78(1):37-40. [View abstract.](#) **49509**
- Tang, X. and Edenharder, R. Inhibition of the mutagenicity of 2-nitrofluorene, 3-nitrofluoranthene and 1-nitropyrene by vitamins, porphyrins and related compounds, and vegetable and fruit juices and solvent extracts. *Food Chem.Toxicol.* 1997;35(3-4):373-378. [View abstract.](#) **49510**
- Anwar F, Hussain AI, Sherazi STH, and et al. Changes in composition and antioxidant and antimicrobial activities of essential oil of fennel (*Foeniculum vulgare* Mill.) fruit at different stages of maturity. *Journal of Herbs, Spices & Medicinal Plants (J HERBS SPICES MEDICINAL PLANT)* 2009;15(2):187-202. **49511**
- Sadeghian S, Neyestani TR, Shirazi MH, and et al. Bacteriostatic effect of dill, fennel, caraway and cinnamon extracts against *Helicobacter pylori*. *Journal of Nutritional & Environmental Medicine (J NUTR ENVIRON MED)* 2005;15(2-3):47-55. **49512**
- Zahrani SH, Amjady MA, Mojab F, and et al. Clinical effects of *foeniculum vulgare* extract on systemic symptoms of primary dysmenorrhea in students of Shaheed Beheshti University in Tehran [Farsi]. *SBMU Faculty of Nursing & Midwifery Quarterly (SBMU FAC NURS MIDWIFERY Q)* 2005;15(49):14. **49513**
- McGuffin, M. *American Herbal Products Association's Botanical Safety Handbook*. Boca Raton, FL: CRC Press;1997. **49514**
- S.Klein ed. Blumenthal, M. *The Complete German Commission E Monographs: Therapeutic Guide to Herbal Medicines*. Boston, MA: American Botanical Council;1998. **49515**
- Farag, R, Abu-Raiia, S, and Abdel-Moein, N. The essential oils of coriander, common dill, and bitter fennel and their effects on diabetic rats. *Bull Fac of Agric, Univ of Cairo* 1992;43(1):31-44. **49516**
- Yarnell E and Abascal K. Interaction of herbal constituents with cytochrome P450 enzymes. *Alternative & Complementary Therapies (ALTERN COMPLEMENT THER)* 2007;13(5):239-247. **49517**
- Arya, S. Controlling angiotensin-converting-enzyme-inhibitor induced cough by fennel fruit. *Indian J Pharmacol* 1999;31(2):159. **49518**
- Dres, C, Johnson, C, and Loda, L. Enzymes and erythema reduction. *SPC* 1999;71(313):33. **49519**
- Cimolai N and Cimolai T. Severe iron deficiency anemia and gastrointestinal dysfunction associated with ingestion of pan masala. *Journal of Dietary Supplements (J DIET SUPPL)* 2008;5(3):305-309. **49520**
- Platel K and Srinivasan K. A Study of the digestive stimulant action of select spices in experimental rats. *Journal of Food Science and Technology* 2001;38(4):358. **49521**
- Brinker, F. *Herb Contraindications and Drug Interactions*. Sandy, OR: Eclectic Medical Publications;1998.

49522

Saleh, M, Hashem, F, and Grace, M. Volatile oil of Egyptian sween fennel (*Foeniculum vulgare*, var. dulce. Alef.) and its effects on isolated smooth muscles. *Pharm Pharmacol Lett* 2005;6(1):5-7.

49523

Gilligan NP. The palliation of nausea in hospice and palliative care patients with essential oils of *Pimpinella anisum* (aniseed), *Foeniculum vulgare* var. dulce (sweet fennel), *Anthemis nobilis* (Roman chamomile) and *Mentha x piperita* (peppermint). *International Journal of Aromatherapy (INT J AROMATHERAPY)* 2005;15(4):163-167.