

References

Alfalfa

- Newall CA, Anderson LA, Philpson JD. Herbal Medicine: A Guide for Healthcare Professionals. London, UK: The Pharmaceutical Press, 1996. **4**
- The Review of Natural Products by Facts and Comparisons. St. Louis, MO: Wolters Kluwer Co., 1999. **6**
- 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**
- Malinow MR, Bardana EJ Jr, Goodnight SH Jr. Pancytopenia during ingestion of alfalfa seeds. Lancet 1981;14:615. [View abstract](#). **381**
- Brown R. Potential interactions of herbal medicines with antipsychotics, antidepressants and hypnotics. Eur J Herbal Med 1997;3:25-8. **605**
- Kurzer MS, Xu X. Dietary phytoestrogens. Annu Rev Nutr 1997;17:353-81. [View abstract](#). **4753**
- Farber JM, Carter AO, Varughese PV, et al. Listeriosis traced to the consumption of alfalfa tablets and soft cheese [Letter to the Editor]. N Engl J Med 1990;322:338. [View abstract](#). **5600**
- Molgaard J, von Schenck H, Olsson AG. Alfalfa seeds lower low density lipoprotein cholesterol and apolipoprotein B concentrations in patients with type II hyperlipoproteinemia. Atherosclerosis 1987;65:173-9. [View abstract](#). **5816**
- Light TD, Light JA. Acute renal transplant rejection possibly related to herbal medications. Am J Transplant 2003;3:1608-9. [View abstract](#). **12174**
- Montanaro A, Bardana EJ Jr. Dietary amino acid-induced systemic lupus erythematosus. Rheum Dis Clin North Am 1991;17:323-32. [View abstract](#). **14827**
- Prete PE. The mechanism of action of L-canavanine in inducing autoimmune phenomena. Arthritis Rheum 1985;28:1198-200. [View abstract](#). **14828**
- Alcocer-Varela J, Iglesias A, Llorente L, Alarcon-Segovia D. Effects of L-canavanine on T cells may explain the induction of systemic lupus erythematosus by alfalfa. Arthritis Rheum 1985;28:52-7. [View abstract](#). **14829**
- Roberts JL, Hayashi JA. Exacerbation of SLE associated with alfalfa ingestion. N Engl J Med 1983;308:1361. [View abstract](#). **14830**
- Bardana EJ Jr, Malinow MR, Houghton DC, et al. Diet-induced systemic lupus erythematosus (SLE) in primates. Am J Kidney Dis 1982;1:345-52. [View abstract](#). **14831**
- Story JA, LePage SL, Petro MS, et al. Interactions of alfalfa plant and sprout saponins with cholesterol in vitro and in cholesterol-fed rats. Am J Clin Nutr 1984;39:917-29. [View abstract](#). **14832**
- Malinow MR, McLaughlin P, et al. Comparative effects of alfalfa saponins and alfalfa fiber on cholesterol absorption in rats. Am J Clin Nutr 1979;32:1810-2. [View abstract](#). **14833**
- 14834**

- Zehavi U, Polacheck I. Saponins as antimycotic agents: glycosides of medicagenic acid. *Adv Exp Med Biol* 1996;404:535-46. [View abstract](#). **14835**
- Timbekova AE, Isaev MI, Abubakirov NK. Chemistry and biological activity of triterpenoid glycosides from *Medicago sativa*. *Adv Exp Med Biol* 1996;405:171-82. [View abstract](#). **14907**
- Swanston-Flatt SK, Day C, Bailey CJ, Flatt PR. Traditional plant treatments for diabetes. Studies in normal and streptozotocin diabetic mice. *Diabetologia* 1990;33:462-4. [View abstract](#). **19683**
- Mackler BP, Herbert V. The effect of raw wheat bran, alfalfa meal and alpha-cellulose on iron ascorbate chelate and ferric chloride in three binding solutions. *Am J Clin Nutr.* 1985 Oct;42(4):618-28. [View abstract](#). **30256**
- Hwang, J., Hodis, H. N., and Sevanian, A. Soy and alfalfa phytoestrogen extracts become potent low-density lipoprotein antioxidants in the presence of acerola cherry extract. *J.Agric.Food Chem.* 2001;49(1):308-314. [View abstract](#). **30562**
- Feingold, R. M. Should we fear "health foods"? *Arch Intern Med* 7-12-1999;159(13):1502. [View abstract](#). **30563**
- Taormina, P. J., Beuchat, L. R., and Slutsker, L. Infections associated with eating seed sprouts: an international concern. *Emerg.Infect.Dis* 1999;5(5):626-634. [View abstract](#). **30564**
- Backer, H. D., Mohle-Boetani, J. C., Werner, S. B., Abbott, S. L., Farrar, J., and Vugia, D. J. High incidence of extra-intestinal infections in a *Salmonella* Havana outbreak associated with alfalfa sprouts. *Public Health Rep.* 2000;115(4):339-345. [View abstract](#). **30565**
- Stochmal, A., Piacente, S., Pizza, C., De Riccardis, F., Leitz, R., and Oleszek, W. Alfalfa (*Medicago sativa* L.) flavonoids. 1. Apigenin and luteolin glycosides from aerial parts. *J Agric.Food Chem.* 2001;49(2):753-758. [View abstract](#). **30566**
- Mohle-Boetani J, Werner B, Polumbo M, and et al. From the Centers for Disease Control and Prevention. Alfalfa sprouts-- Arizona, California, Colorado, and New Mexico, February-April, 2001. *JAMA* 2-6-2002;287(5):581-582. [View abstract](#). **30567**
- Yanaura, S. and Sakamoto, M. [Effect of alfalfa meal on experimental hyperlipidemia]. *Nippon Yakurigaku Zasshi* 1975;71(5):387-393. [View abstract](#). **30568**
- Howard, M. B. and Hutcheson, S. W. Growth dynamics of *Salmonella enterica* strains on alfalfa sprouts and in waste seed irrigation water. *Appl.Environ.Microbiol.* 2003;69(1):548-553. [View abstract](#). **30569**
- Winthrop, K. L., Palumbo, M. S., Farrar, J. A., Mohle-Boetani, J. C., Abbott, S., Beatty, M. E., Inami, G., and Werner, S. B. Alfalfa sprouts and *Salmonella* Kottbus infection: a multistate outbreak following inadequate seed disinfection with heat and chlorine. *J.Food Prot.* 2003;66(1):13-17. [View abstract](#). **30570**
- Liao, C. H. and Fett, W. F. Isolation of *Salmonella* from alfalfa seed and demonstration of impaired growth of heat-injured cells in seed homogenates. *Int.J.Food Microbiol.* 5-15-2003;82(3):245-253. [View abstract](#). **30571**
- Thayer, D. W., Rajkowski, K. T., Boyd, G., Cooke, P. H., and Soroka, D. S. Inactivation of *Escherichia coli* O157:H7 and *Salmonella* by gamma irradiation of alfalfa seed intended for production of food sprouts. *J.Food Prot.* 2003;66(2):175-181. [View abstract](#). **30572**
- Strapp, C. M., Shearer, A. E., and Joerger, R. D. Survey of retail alfalfa sprouts and mushrooms for the presence of *Escherichia coli* O157:H7, *Salmonella*, and *Listeria* with BAX, and evaluation

- of this polymerase chain reaction-based system with experimentally contaminated samples. *J.Food Prot.* 2003;66(2):182-187. [View abstract.](#) **30573**
- Kim, C., Hung, Y. C., Brackett, R. E., and Lin, C. S. Efficacy of electrolyzed oxidizing water in inactivating *Salmonella* on alfalfa seeds and sprouts. *J.Food Prot.* 2003;66(2):208-214. [View abstract.](#) **30574**
- Gill, C. J., Keene, W. E., Mohle-Boetani, J. C., Farrar, J. A., Waller, P. L., Hahn, C. G., and Cieslak, P. R. Alfalfa seed decontamination in a *Salmonella* outbreak. *Emerg.Infect.Dis.* 2003;9(4):474-479. [View abstract.](#) **30575**
- Akaogi, J., Barker, T., Kuroda, Y., Nacionales, D. C., Yamasaki, Y., Stevens, B. R., Reeves, W. H., and Satoh, M. Role of non-protein amino acid L-canavanine in autoimmunity. *Autoimmun.Rev* 2006;5(6):429-435. [View abstract.](#) **30576**
- Burden and causes of foodborne disease in Australia: Annual report of the OzFoodNet network, 2005. *Commun.Dis Intell.* 2006;30(3):278-300.[View abstract.](#) **30577**
- Vasoo, S. Drug-induced lupus: an update. *Lupus* 2006;15(11):757-761. [View abstract.](#) **30578**
- Polacheck, I., Levy, M., Guizie, M., Zehavi, U., Naim, M., and Evron, R. Mode of action of the antimycotic agent G2 isolated from alfalfa roots. *Zentralbl.Bakteriol.* 1991;275(4):504-512. [View abstract.](#) **30579**
- Morimoto, I., Shiozawa, S., Tanaka, Y., and Fujita, T. L-canavanine acts on suppressor-inducer T cells to regulate antibody synthesis: lymphocytes of systemic lupus erythematosus patients are specifically unresponsive to L-canavanine. *Clin Immunol.Immunopathol.* 1990;55(1):97-108. [View abstract.](#) **30580**
- Morimoto, I. A study on immunological effects of L-canavanine. *Kobe J Med Sci.* 1989;35(5-6):287-298. [View abstract.](#) **30581**
- Rosenthal, G. A. The biological effects and mode of action of L-canavanine, a structural analogue of L-arginine. *Q.Rev.Biol* 1977;52(2):155-178.[View abstract.](#) **30582**
- Polacheck, I., Zehavi, U., Naim, M., Levy, M., and Evron, R. The susceptibility of *Cryptococcus neoformans* to an antimycotic agent (G2) from alfalfa. *Zentralbl.Bakteriol.Mikrobiol.Hyg.[A]* 1986;261(4):481-486. [View abstract.](#) **30583**
- Esper, E., Barichello, A. W., Chan, E. K., Matts, J. P., and Buchwald, H. Synergistic lipid-lowering effects of alfalfa meal as an adjuvant to the partial ileal bypass operation. *Surgery* 1987;102(1):39-51. [View abstract.](#) **30584**
- Polacheck, I., Zehavi, U., Naim, M., Levy, M., and Evron, R. Activity of compound G2 isolated from alfalfa roots against medically important yeasts. *Antimicrob.Agents Chemother.* 1986;30(2):290-294. [View abstract.](#) **30585**
- Malinow, M. R., McLaughlin, P., Kohler, G. O., and Livingston, A. L. Prevention of elevated cholesterolemia in monkeys. *Steroids* 1977;29(1):105-110. [View abstract.](#) **30586**
- Shemesh, M., Lindner, H. R., and Ayalon, N. Affinity of rabbit uterine oestradiol receptor for phyto-oestrogens and its use in a competitive protein-binding radioassay for plasma coumestrol. *J Reprod.Fertil.* 1972;29(1):1-9. [View abstract.](#) **30587**
- Barichello, A. W. and Fedoroff, S. Effect of ileal bypass and alfalfa on hypercholesterolaemia. *Br J Exp.Pathol.* 1971;52(1):81-87. [View abstract.](#) **30588**

- Malinow, M. R., McLaughlin, P., Papworth, L., Stafford, C., Kohler, G. O., Livingston, A. L., and Cheeke, P. R. Effect of alfalfa saponins on intestinal cholesterol absorption in rats. *Am J Clin Nutr.* 1977;30(12):2061-2067. [View abstract.](#) **30589**
- Cookson, F. B. and Fedoroff, S. Quantitative relationships between administered cholesterol and alfalfa required to prevent hypercholesterolaemia in rabbits. *Br J Exp. Pathol.* 1968;49(4):348-355. [View abstract.](#) **30590**
- Smith-Barbaro, P., Hanson, D., and Reddy, B. S. Carcinogen binding to various types of dietary fiber. *J Natl. Cancer Inst.* 1981;67(2):495-497. [View abstract.](#) **30591**
- Malinow, M. R. Experimental models of atherosclerosis regression. *Atherosclerosis* 1983;48(2):105-118. [View abstract.](#) **30592**
- Elakovich, S. D. and Hampton, J. M. Analysis of coumestrol, a phytoestrogen, in alfalfa tablets sold for human consumption. *J Agric. Food Chem.* 1984;32(1):173-175. [View abstract.](#) **30593**
- Jackson, I. M. Abundance of immunoreactive thyrotropin-releasing hormone-like material in the alfalfa plant. *Endocrinology* 1981;108(1):344-346. [View abstract.](#) **30594**
- Malinow, M. R., Bardana, E. J., Jr., Pirofsky, B., Craig, S., and McLaughlin, P. Systemic lupus erythematosus-like syndrome in monkeys fed alfalfa sprouts: role of a nonprotein amino acid. *Science* 4-23-1982;216(4544):415-417. [View abstract.](#) **30595**
- Garrett, B. J., Cheeke, P. R., Miranda, C. L., Goeger, D. E., and Buhler, D. R. Consumption of poisonous plants (*Senecio jacobaea*, *Symphytum officinale*, *Pteridium aquilinum*, *Hypericum perforatum*) by rats: chronic toxicity, mineral metabolism, and hepatic drug-metabolizing enzymes. *Toxicol Lett* 1982;10(2-3):183-188. [View abstract.](#) **30596**
- Malinow, M. R., McNulty, W. P., Houghton, D. C., Kessler, S., Stenzel, P., Goodnight, S. H., Jr., Bardana, E. J., Jr., Palotay, J. L., McLaughlin, P., and Livingston, A. L. Lack of toxicity of alfalfa saponins in cynomolgus macaques. *J Med Primatol.* 1982;11(2):106-118. [View abstract.](#) **30597**
- Grigorashvili, G. Z. and Proidak, N. I. [Analysis of safety and nutritive value of protein isolated from alfalfa]. *Vopr. Pitan.* 1982;5:33-37. [View abstract.](#) **30598**
- Malinow, M. R., McLaughlin, P., and Stafford, C. Alfalfa seeds: effects on cholesterol metabolism. *Experientia* 5-15-1980;36(5):562-564. [View abstract.](#) **30599**
- Malinow, M. R., Connor, W. E., McLaughlin, P., Stafford, C., Lin, D. S., Livingston, A. L., Kohler, G. O., and McNulty, W. P. Cholesterol and bile acid balance in *Macaca fascicularis*. Effects of alfalfa saponins. *J Clin Invest* 1981;67(1):156-162. [View abstract.](#) **30600**
- Srinivasan, S. R., Patton, D., Radhakrishnamurthy, B., Foster, T. A., Malinow, M. R., McLaughlin, P., and Berenson, G. S. Lipid changes in atherosclerotic aortas of *Macaca fascicularis* after various regression regimens. *Atherosclerosis* 1980;37(4):591-601. [View abstract.](#) **30601**
- Farnsworth, N. R. Alfalfa pills and autoimmune diseases. *Am J Clin Nutr.* 1995;62(5):1026-1028. [View abstract.](#) **30602**
- Herbert, V. and Kasdan, T. S. Alfalfa, vitamin E, and autoimmune disorders. *Am J Clin Nutr* 1994;60(4):639-640. [View abstract.](#) **30603**
- Jurzysta, M. and Waller, G. R. Antifungal and hemolytic activity of aerial parts of alfalfa (*Medicago*) species in relation to saponin composition. *Adv. Exp Med Biol* 1996;404:565-574. [View abstract.](#) **30604**

- Mahon, B. E., Ponka, A., Hall, W. N., Komatsu, K., Dietrich, S. E., Siitonen, A., Cage, G., Hayes, P. S., Lambert-Fair, M. A., Bean, N. H., Griffin, P. M., and Slutsker, L. An international outbreak of Salmonella infections caused by alfalfa sprouts grown from contaminated seeds. *J Infect. Dis* 1997;175(4):876-882. [View abstract](#). **30605**
- Gray, A. M. and Flatt, P. R. Pancreatic and extra-pancreatic effects of the traditional anti-diabetic plant, *Medicago sativa* (lucerne). *Br J Nutr*. 1997;78(2):325-334. [View abstract](#). **30606**
- Malinow, M. R., McLaughlin, P., Naito, H. K., Lewis, L. A., and McNulty, W. P. Effect of alfalfa meal on shrinkage (regression) of atherosclerotic plaques during cholesterol feeding in monkeys. *Atherosclerosis* 1978;30(1):27-43. [View abstract](#). **30607**
- Van Beneden, C. A., Keene, W. E., Strang, R. A., Werker, D. H., King, A. S., Mahon, B., Hedberg, K., Bell, A., Kelly, M. T., Balan, V. K., Mac Kenzie, W. R., and Fleming, D. Multinational outbreak of *Salmonella enterica* serotype Newport infections due to contaminated alfalfa sprouts. *JAMA* 1-13-1999;281(2):158-162. [View abstract](#). **30608**
- Rubenstein AH, Levin NW, and Elliott GA. Manganese-induced hypoglycemia. *Lancet* 1962;1348-1351. **30609**
- Kaufman W. Alfalfa seed dermatitis. *JAMA* 1954;155(12):1058-1059. **30610**
- Ponka A, Andersson Y, Siitonen A, and et al. Salmonella in alfalfa sprouts. *Lancet* 1995;345:462-463. **30611**
- Malinow MR, McLaughlin P, Naito HK, and et al. Regression of atherosclerosis during cholesterol feeding in **30612**
- Mac Lean JA. Unsaponifiable substance from alfalfa for pharmaceutical and cosmetic use. *Pharmaceuticals* 1974;81:339.