

# References

## Astragalus

- Monographs on the medicinal uses of plant drugs. Exeter, UK: European Scientific Co-op  
Phytother, 1997. **1**
- Blumenthal M, ed. The Complete German Commission E Monographs: Therapeutic Guide to  
Herbal Medicines. Trans. S. Klein. Boston, MA: American Botanical Council, 1998. **2**
- Tyler VE. Herbs of Choice. Binghamton, NY: Pharmaceutical Products Press, 1994. **3**
- Newall CA, Anderson LA, Philpson JD. Herbal Medicine: A Guide for Healthcare Professionals.  
London, UK: The Pharmaceutical Press, 1996. **4**
- Foster S, Tyler VE. Tyler's Honest Herbal: A Sensible Guide to the Use of Herbs and Related  
Remedies. 3rd ed., Binghamton, NY: Haworth Herbal Press, 1993. **5**
- The Review of Natural Products by Facts and Comparisons. St. Louis, MO: Wolters Kluwer Co.,  
1999. **6**
- Schulz V, Hansel R, Tyler VE. Rational Phytotherapy: A Physician's Guide to Herbal Medicine.  
Terry C. Telger, transl. 3rd ed. Berlin, GER: Springer, 1998. **7**
- Wichtl MW. Herbal Drugs and Phytopharmaceuticals. Ed. N.M. Bisset. Stuttgart: Medpharm  
GmbH Scientific Publishers, 1994. **8**
- Martindale W. Martindale the Extra Pharmacopoeia. Pharmaceutical Press, 1999. **9**
- United States Pharmacopeial Convention, Inc., ed. Drug Information for the Health Care  
Professional. 19th ed. Englewood, CO: Micromedex Inc., 1999. **10**
- 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**
- Carlsen SM, Folling I, Grill V, et al. Metformin increases total homocysteine levels in non-diabetic  
male patients with coronary heart disease. Scand J Clin Lab Invest 1997;57:521-7. [View abstract.](#) **32**
- Vorgerd M, Grehl T, Jager M, et al. Creatine therapy in myophosphorylase deficiency (McArdle  
disease): a placebo-controlled crossover trial. Arch Neurol 2000;57:956-63. [View abstract.](#) **70**
- Upton R, ed. Astragalus Root: Analytical, quality control, and therapeutic monograph. Santa  
Cruz, CA: American Herbal Pharmacopoeia. 1999:1-25. **303**
- Khoo KS, Ang PT. Extract of astragalus membranaceus and ligustrum lucidum does not prevent  
cyclophosphamide-induced myelosuppression. Singapore Med J 1995;36:387-90. [View abstract.](#) **418**
- Sun Y, Hersh EM, Talpaz M, et al. Immune restoration and/or augmentation of local graft versus  
host reaction by traditional Chinese medicinal herbs. Cancer 1983;52:70-3. [View abstract.](#) **423**
- Chu DT, Wong WL, Mavligit GM. Immunotherapy with Chinese medicinal herbs. II. Reversal of  
cyclophosphamide-induced immune suppression by administration of fractionated Astragalus  
membranaceus in vivo. J Clin Lab Immunol 1988;25:125-9. [View abstract.](#) **3713**
- 5551**

- Zhang H, Huang J. Preliminary study of traditional Chinese medicine treatment of minimal brain dysfunction: analysis of 100 cases. *Chung Hsi I Chieh Ho Tsa Chih* 1990;10:278-9, 260. [View abstract.](#) **10777**
- Sun Y, Hersh EM, Lee SL, et al. Preliminary observations on the effects of the Chinese medicinal herbs *Astragalus membranaceus* and *Ligustrum lucidum* on lymphocyte blastogenic responses. *J Biol Response Mod* 1983;2:227-37.. [View abstract.](#) **10778**
- Carod-Artal FJ. [Neurological syndromes linked with the intake of plants and fungi containing a toxic component (I). Neurotoxic syndromes caused by the ingestion of plants, seeds and fruits]. *Rev Neurol* 2003;36:860-71. [View abstract.](#) **10779**
- Stegelmeier BL, James LF, Panter KE, et al. The pathogenesis and toxicokinetics of locoweed (*Astragalus* and *Oxytropis* spp.) poisoning in livestock. *J Nat Toxins* 1999;8:35-45. [View abstract.](#) **12451**
- Prieto JM, Recio MC, Giner RM, et al. Influence of traditional Chinese anti-inflammatory medicinal plants on leukocyte and platelet functions. *J Pharm Pharmacol* 2003;55:1275-82. [View abstract.](#) **14460**
- Chu DT, Lepe-Zuniga J, Wong WL, et al. Fractionated extract of *Astragalus membranaceus*, a Chinese medicinal herb, potentiates LAK cell cytotoxicity generated by a low dose of recombinant interleukin-2. *J Clin Lab Immunol* 1988;26:183-7. [View abstract.](#) **14461**
- Hong CY, Ku J, Wu P. *Astragalus membranaceus* stimulates human sperm motility in vitro. *Am J Chin Med* 1992;20:289-94. [View abstract.](#) **14462**
- Hong CY, Lo YC, Tan FC, et al. *Astragalus membranaceus* and *Polygonum multiflorum* protect rat heart mitochondria against lipid peroxidation. *Am J Chin Med* 1994;22:63-70. [View abstract.](#) **14463**
- Chu DT, Wong WL, Mavligit GM. Immunotherapy with Chinese medicinal herbs. I. Immune restoration of local xenogeneic graft-versus-host reaction in cancer patients by fractionated *Astragalus membranaceus* in vitro. *J Clin Lab Immunol* 1988;25:119-23. [View abstract.](#) **14464**
- Qun L, Luo Q, Zhang ZY, et al. Effects of astragalus on IL-2/IL-2R system in patients with maintained hemodialysis. *Clin Nephrol* 1999;52:333-4. [View abstract.](#) **14500**
- Shao BM, Xu W, Dai H, et al. A study on the immune receptors for polysaccharides from the roots of *Astragalus membranaceus*, a Chinese medicinal herb. *Biochem Biophys Res Commun* 2004;320:1103-11. [View abstract.](#) **15001**
- McCulloch M, See C, Shu XJ, et al. *Astragalus*-based Chinese herbs and platinum-based chemotherapy for advanced non-small-cell lung cancer: meta-analysis of randomized trials. *J Clin Oncol* 2006;24:419-30. [View abstract.](#) **15002**
- Xu F, Zhang Y, Xiao S, et al. Absorption and metabolism of *Astragali radix* decoction: in silico, in vitro, and a case study in vivo. *Drug Metab Dispos* 2006;34:913-24. [View abstract.](#) **15103**
- Ma J, Peng A, Lin S. Mechanisms of the therapeutic effect of *astragalus membranaceus* on sodium and water retention in experimental heart failure. *Chin Med J (Engl)* 1998;111:17-23. [View abstract.](#) **15104**
- Hou YD, Ma GL, Wu SH, et al. Effect of *Radix Astragali seu Hedysari* on the interferon system. *Chin Med J (Engl)* 1981;94:35-40. [View abstract.](#) **15105**
- Yang YZ, Jin PY, Guo Q, et al. Treatment of experimental Coxsackie B-3 viral myocarditis with *Astragalus membranaceus* in mice. *Chin Med J (Engl)* 1990;103:14-8. [View abstract.](#) **17355**

- Matkovic Z, Zivkovic V, Korica M, et al. Efficacy and safety of Astragalus membranaceus in the treatment of patients with seasonal allergic rhinitis. *Phytother Res* 2010;24:175-81. [View abstract](#). **20347**
- Roberts AT, Martin CK, Liu Z, et al. The safety and efficacy of a dietary herbal supplement and gallic acid for weight loss. *J Med Food*. 2007;10:184-8. [View abstract](#). **30715**
- Lee, T. and Dugoua, J. J. Nutritional supplements and their effect on glucose control. *Curr.Diab.Rep.* 2011;11(2):142-148. [View abstract](#). **32724**
- Wang, H., Chang, B., and Wang, B. [The effect of herbal medicine including astragalus membranaceus (fisch) bge, codonopsis pilosula and glycyrrhiza uralensis fisch on airway responsiveness]. *Zhonghua Jie.He.He.Hu Xi.Za Zhi*. 1998;21(5):287-288. [View abstract](#). **32725**
- Liu, J. P., McIntosh, H., and Lin, H. Chinese medicinal herbs for asymptomatic carriers of hepatitis B virus infection. *Cochrane.Database.Syst Rev* 2001;(2):CD002231. [View abstract](#). **32726**
- Su, Y. C., Lin, C. J., Chen, K. T., Lee, S. M., Lin, J. S., Tsai, C. C., Chou, Y., and Lin, J. G. Effects of huangqi jianzhong tang on hematological and biochemical parameters in judo athletes. *Acta Pharmacol.Sin.* 2001;22(12):1154-1158. [View abstract](#). **32728**
- Xia, D., Zeng, Y., and Liao, Z. [Clinical and experimental study of yushen jiangtang tablet in treating non-insulin dependent diabetes mellitus]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 1999;19(2):90-92. [View abstract](#). **32729**
- Zhou, S., Shao, W., and Zhang, W. [Clinical study of Astragalus injection plus ligustrazine in protecting myocardial ischemia reperfusion injury]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2000;20(7):504-507. [View abstract](#). **32730**
- Chen, H. and Weng, L. [Comparison on efficacy in treating liver fibrosis of chronic hepatitis B between Astragalus Polygonum anti-fibrosis decoction and jinshuibao capsule]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2000;20(4):255-257. [View abstract](#). **32731**
- Wang, F. Twenty-eight cases of diabetic foot ulcer and gangrene treated with the Chinese herbal medicine combined with injection of ahylsantinfarctase. *J.Tradit.Chin Med*. 2002;22(1):3-4. [View abstract](#). **32733**
- Chen, K. T., Su, C. H., Hsin, L. H., Su, Y. C., Su, Y. P., and Lin, J. G. Reducing fatigue of athletes following oral administration of huangqi jianzhong tang. *Acta Pharmacol.Sin.* 2002;23(8):757-761. [View abstract](#). **32735**
- McCulloch, M., Broffman, M., Gao, J., and Colford, J. M., Jr. Chinese herbal medicine and interferon in the treatment of chronic hepatitis B: a meta-analysis of randomized, controlled trials. *Am J Public Health* 2002;92(10):1619-1628. [View abstract](#). **32736**
- Dai, C. F., Zhang, Z. Z., Qi, X. L., Zhang, M. X., and Li, Y. P. [Clinical and experimental study of treatment of nanmiqing capsule for chronic prostatitis]. *Zhonghua Nan.Ke.Xue*. 2002;8(5):379-382. [View abstract](#). **32737**
- Zhou, J. Y., Fan, Y., Kong, J. L., Wu, D. Z., and Hu, Z. B. [Effects of components isolated from Astragalus membranaceus Bunge on cardiac function injured by myocardial ischemia reperfusion in rats]. *Zhongguo Zhong.Yao Za Zhi*. 2000;25(5):300-302. [View abstract](#). **32739**
- Shi, F. S., Yang, Z. G., and Di, G. P. [Effect of Astragalus saponin on vascular endothelial cell and its function in burn patients]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2001;21(10):750-751. [View abstract](#). **32740**

- Gao, X. P., Zhao, W. X., and Zhang, Z. L. [Effect of huangqi zengmian powder on interstitial response in patients with esophageal cancer at peri-operational period]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 2001;21(3):171-173. [View abstract](#). **32741**
- Yang, Y. Z., Chen, R. Z., and Zhang, J. N. [Observation on collaborative treatment of dilated cardiomyopathy]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 2001;21(4):254-256. [View abstract](#). **32742**
- Liu, Z. Q., Li, Q. Z., and Qin, G. J. [Effect of Astragalus injection on platelet function and plasma endothelin in patients with early stage diabetic nephropathy]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 2001;21(4):274-276. [View abstract](#). **32743**
- Niu, H. R., Lai, Z. H., and Yuan, L. [Observation on effect of supplementary treatment by Astragalus injection in treating senile pulmonary tuberculosis patients]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 2001;21(5):349-350. [View abstract](#). **32744**
- Tan, Y. W., Yin, Y. M., and Yu, X. J. [Influence of Salvia miltiorrhizae and Astragalus membranaceus on hemodynamics and liver fibrosis indexes in liver cirrhotic patients with portal hypertension]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 2001;21(5):351-353. [View abstract](#). **32745**
- Zhang, J. G., Gao, D. S., and Wei, G. H. [Clinical study on effect of Astragalus injection on left ventricular remodeling and left ventricular function in patients with acute myocardial infarction]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 2002;22(5):346-348. [View abstract](#). **32746**
- Wang, R. T., Shan, B. E., and Li, Q. X. [Extracorporeal experimental study on immunomodulatory activity of Astragalus membranaceus extract]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 2002;22(6):453-456. [View abstract](#). **32747**
- Duan, P. and Wang, Z. M. [Clinical study on effect of Astragalus in efficacy enhancing and toxicity reducing of chemotherapy in patients of malignant tumor]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 2002;22(7):515-517. [View abstract](#). **32755**
- Liu, Z. G., Xiong, Z. M., and Yu, X. Y. [Effect of astragalus injection on immune function in patients with congestive heart failure]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 2003;23(5):351-353. [View abstract](#). **32756**
- Wu, X. S., Chen, H. Y., and Li, M. [Clinical observation on effect of combined use of Astragalus and compound salviae injection in treating acute cerebral infarction]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 2003;23(5):380-381. [View abstract](#). **32758**
- Wei, H., Sun, R., Xiao, W., Feng, J., Zhen, C., Xu, X., and Tian, Z. Traditional Chinese medicine Astragalus reverses predominance of Th2 cytokines and their up-stream transcript factors in lung cancer patients. Oncol.Rep. 2003;10(5):1507-1512. [View abstract](#). **32764**
- Zhao, X. Z. [Effects of Astragalus membranaceus and Tripterygium hypoglancum on natural killer cell activity of peripheral blood mononuclear in systemic lupus erythematosus]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 1992;12(11):669-71, 645. [View abstract](#). **32765**
- Li, N. Q. [Clinical and experimental study on shen-qo injection with chemotherapy in the treatment of malignant tumor of digestive tract]. Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi. 1992;12(10):579, 588-592. [View abstract](#). **32767**
- Yao, X. J., Wainberg, M. A., and Parniak, M. A. Mechanism of inhibition of HIV-1 infection in vitro by purified extract of Prunella vulgaris. Virology 1992;187(1):56-62. [View abstract](#). **32770**
- Shon, Y. H. and Nam, K. S. Protective effect of Astragali radix extract on interleukin 1beta-induced inflammation in human amnion. Phytother.Res 2003;17(9):1016-1020. [View abstract](#). **32771**

- Zhang, W. J., Hufnagl, P., Binder, B. R., and Wojta, J. Antiinflammatory activity of astragaloside IV is mediated by inhibition of NF-kappaB activation and adhesion molecule expression. *Thromb.Haemost.* 2003;90(5):904-914. [View abstract.](#) **32772**
- Zou, Y. H. and Liu, X. M. [Effect of astragalus injection combined with chemotherapy on quality of life in patients with advanced non-small cell lung cancer]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2003;23(10):733-735. [View abstract.](#) **32774**
- Huang, C. L. and Lu, Y. P. [Effect of Astragalus injection on insulin resistance in auxiliary treating patients with diabetes mellitus type 2]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2003;23(10):779-780. [View abstract.](#) **32776**
- Kim, C., Ha, H., Lee, J. H., Kim, J. S., Song, K., and Park, S. W. Herbal extract prevents bone loss in ovariectomized rats. *Arch.Pharm.Res.* 2003;26(11):917-924. [View abstract.](#) **32777**
- Li, Z. P., Cao, Q., and Xing, Q. S. [Effect of Milkvetch Injection on cardiac function and hemodynamics in children with tetralogy of Fallot after radical operation]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2003;23(12):891-894. [View abstract.](#) **32778**
- Sun, Y. and Yang, J. [Experimental study of the effect of Astragalus membranaceus against herpes simplex virus type 1]. *Di Yi.Jun.Yi.Da.Xue.Xue.Bao.* 2004;24(1):57-58. [View abstract.](#) **32780**
- Ma, K., Sun, L. H., and Wang, Q. H. [Clinical study on treatment of 405 cases of irregular menstruation by tiaojing zhixue granules]. *Zhongguo Zhong.Yao Za Zhi.* 2003;28(1):78-80. [View abstract.](#) **32782**
- Chen, M. L., Liu, W. J., Wang, C. Y., Zhu, X. M., Yin, J. F., Wang, D. X., and Liu, P. [Effects of yishenjiangyafang on blood pressure and protecting renal function in RPH rats]. *Zhongguo Zhong.Yao Za Zhi.* 2003;28(8):746-751. [View abstract.](#) **32783**
- Mao, S. P., Cheng, K. L., and Zhou, Y. F. [Modulatory effect of Astragalus membranaceus on Th1/Th2 cytokine in patients with herpes simplex keratitis]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2004;24(2):121-123. [View abstract.](#) **32784**
- Xiao, H. B., Krucker, M., Albert, K., and Liang, X. M. Determination and identification of isoflavonoids in Radix astragali by matrix solid-phase dispersion extraction and high-performance liquid chromatography with photodiode array and mass spectrometric detection. *J Chromatogr.A* 4-2-2004;1032(1-2):117-124. [View abstract.](#) **32785**
- Liu, J., Liang, P., Yin, C., Wang, T., Li, H., Li, Y., and Ye, Z. Effects of several Chinese herbal aqueous extracts on human sperm motility in vitro. *Andrologia* 2004;36(2):78-83. [View abstract.](#) **32790**
- Liu, J. P., Yang, M., and Du, X. M. Herbal medicines for viral myocarditis. *Cochrane.Database.Syst.Rev.* 2004;(3):CD003711. [View abstract.](#) **32792**
- Wang, H. Y. and Chen, Y. P. [Clinical observation on treatment of diabetic nephropathy with compound fructus arctii mixture]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2004;24(7):589-592. [View abstract.](#) **32793**
- Gao, S. R., Bu, J. H., and Zhu, L. Z. [Preliminary exploration on effect of qilian decoction in intervention treatment of diabetes mellitus type 2 with insulin resistance and its influence on related inflammatory cytokines]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2004;24(7):593-595. [View abstract.](#) **32794**
- Liu, W. J., Liu, B., Guo, Q. L., Zhang, Y. C., Yuan, Y. J., Fu, X. D., Deng, Z. H., and Lin, J. [Influence of ganciclovir and astragalus membranaceus on proliferation of hematopoietic

progenitor cells of cord blood after cytomegalovirus infection in vitro]. *Zhonghua Er.Ke.Za Zhi*. 2004;42(7):490-494. [View abstract](#).

**32795**

Kusum, M., Klinbuayaem, V., Bunjob, M., and Sangkitporn, S. Preliminary efficacy and safety of oral suspension SH, combination of five chinese medicinal herbs, in people living with HIV/AIDS ; the phase I/II study. *J.Med.Assoc.Thai*. 2004;87(9):1065-1070. [View abstract](#).

**32796**

Li, C., Cao, L., and Zeng, Q. Astragalus prevents diabetic rats from developing cardiomyopathy by downregulating angiotensin II type2 receptors' expression. *J Huazhong.Univ Sci Technolog.Med Sci* 2004;24(4):379-384. [View abstract](#).

**32801**

Taixiang, W., Munro, A. J., and Guanjian, L. Chinese medical herbs for chemotherapy side effects in colorectal cancer patients. *Cochrane.Database.Syst.Rev*. 2005;(1):CD004540. [View abstract](#).

**32802**

Kobayashi, H., Mizuno, N., Teramae, H., Kutsuna, H., Ueoku, S., Onoyama, J., Yamanaka, K., Fujita, N., and Ishii, M. Diet and Japanese herbal medicine for recalcitrant atopic dermatitis: efficacy and safety. *Drugs Exp Clin Res*. 2004;30(5-6):197-202. [View abstract](#).

**32805**

Wu, Y., Ou-Yang, J. P., Wu, K., Wang, Y., Zhou, Y. F., and Wen, C. Y. Hypoglycemic effect of Astragalus polysaccharide and its effect on PTP1B. *Acta Pharmacol.Sin*. 2005;26(3):345-352. [View abstract](#).

**32806**

Lee, H. J. and Lee, J. H. Effects of medicinal herb tea on the smoking cessation and reducing smoking withdrawal symptoms. *Am.J.Chin Med*. 2005;33(1):127-138. [View abstract](#).

**32807**

Chen, L., Xie, C., and Wu, L. Point injection of injectio radici astragali for treatment of post-chemotherapy adverse reactions. *J Tradit.Chin Med* 2005;25(1):21-22. [View abstract](#).

**32808**

Zhang, J. G., Yang, N., and He, H. [Effect of astragalus injection on serum apoptosis relevant factors in patients with chronic heart failure]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2005;25(5):400-403. [View abstract](#).

**32811**

Chen, L. P., Zhou, Q. L., and Yang, J. H. [Protective effects of astragali injection on tubular in patients with primary nephrotic syndrome]. *Zhong.Nan.Da.Xue.Xue.Bao.Yi.Xue.Ban*. 2004;29(2):152-153. [View abstract](#).

**32812**

Zhang, J. G., Yang, N., He, H., Wei, G. H., Gao, D. S., Wang, X. L., Wang, X. Z., and Song, G. Y. [Effect of Astragalus injection on plasma levels of apoptosis-related factors in aged patients with chronic heart failure.]. *Chin J Integr.Med* 2005;11(3):187-190. [View abstract](#).

**32814**

Ko, J. K., Lam, F. Y., and Cheung, A. P. Amelioration of experimental colitis by Astragalus membranaceus through anti-oxidation and inhibition of adhesion molecule synthesis. *World J Gastroenterol* 10-7-2005;11(37):5787-5794. [View abstract](#).

**32815**

Dong, J., Gu, H. L., Ma, C. T., Zhang, F., Chen, Z., and Zhang, Y. [Effects of large dose of Astragalus membranaceus on the dendritic cell induction of peripheral mononuclear cell and antigen presenting ability of dendritic cells in children with acute leukemia]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2005;25(10):872-875. [View abstract](#).

**32818**

Shen, P., Liu, M. H., Ng, T. Y., Chan, Y. H., and Yong, E. L. Differential effects of isoflavones, from Astragalus membranaceus and Pueraria thomsonii, on the activation of PPARalpha, PPARgamma, and adipocyte differentiation in vitro. *J Nutr* 2006;136(4):899-905. [View abstract](#).

**32820**

Wu, J., Wang, Y. X., Su, W. L., Zhu, W. X., Lu, J. W., and Li, Z. K. Effect of astragalus injection on serious abdominal traumatic patients' cellular immunity. *Chin J Integr.Med* 2006;12(1):29-31. [View abstract](#).

- 32821**
- Yan, H. J. [Clinical and experimental study of the effect of kang er xin-I on viral myocarditis]. *Zhong Xi Yi Jie He Za Zhi* 1991;11(8):468-70, 452. [View abstract](#).
- 32822**
- Li, H. B., Ge, Y. K., Zhang, L., and Zheng, X. X. Astragaloside IV improved barrier dysfunction induced by acute high glucose in human umbilical vein endothelial cells. *Life Sci* 8-15-2006;79(12):1186-1193. [View abstract](#).
- 32824**
- Wei, J. A., Sun, L. M., and Chen, Y. X. [Effects of Ailing Granule on immuno-reconstruction in HIV/AIDS patients]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2006;26(4):319-321. [View abstract](#).
- 32825**
- Brush, J., Mendenhall, E., Guggenheim, A., Chan, T., Connelly, E., Soumyanath, A., Buresh, R., Barrett, R., and Zwickey, H. The effect of *Echinacea purpurea*, *Astragalus membranaceus* and *Glycyrrhiza glabra* on CD69 expression and immune cell activation in humans. *Phytother Res* 2006;20(8):687-695. [View abstract](#).
- 32826**
- Firenzuoli, F., Gori, L., Di Simone, L., and Morsuillo, M. Important bias in the *Astragalus* meta-analysis. *J Clin Oncol* 7-1-2006;24(19):3215-3216. [View abstract](#).
- 32828**
- Li, S. M., Yan, J. X., and Yang, L. [Effects of *Astragalus* injection on renal tubular function in patients with IgA nephropathy]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2006;26(6):504-507. [View abstract](#).
- 32829**
- Li, D. P., Chen, Q., and Yi, L. [Effects of yiqi huoxue method on cardiac function in patients with congestive heart failure]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2006;26(6):552-554. [View abstract](#).
- 32831**
- Cai, X. Y., Xu, Y. L., and Lin, X. J. [Effects of radix *Astragali* injection on apoptosis of lymphocytes and immune function in patients with systemic lupus erythematosus]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2006;26(5):443-445. [View abstract](#).
- 32833**
- Zhang, B. R., Li, S., Yuan, P. Y., Zhang, X. B., Cheng, L. X., Zhou, H. H., Zhou, C. Y., Liu, X. Y., Wang, X. L., Tian, G. Z., Lin, Q. G., and Sha, W. W. [Effects of injection of Huangqi injectio into Zusanli (ST 36) on immune function in the patient of schizophrenia]. *Zhongguo Zhen.Jiu*. 2006;26(9):625-628. [View abstract](#).
- 32834**
- Yang, H. Y., Li, J., and Yi, M. [Study on chronic hepatitis B with treatment of integrative traditional Chinese and Western medicine]. *Zhongguo Zhong.Yao Za Zhi*. 2006;31(15):1277-1280. [View abstract](#).
- 32837**
- Wang, G., Liu, C. T., Wang, Z. L., Yan, C. L., Luo, F. M., Wang, L., and Li, T. Q. Effects of *Astragalus membranaceus* in promoting T-helper cell type 1 polarization and interferon-gamma production by up-regulating T-bet expression in patients with asthma. *Chin J Integr.Med* 2006;12(4):262-267. [View abstract](#).
- 32838**
- Su, L., Mao, J. C., and Gu, J. H. [Effect of intravenous drip infusion of cyclophosphamide with high-dose *Astragalus* injection in treating lupus nephritis]. *Zhong.Xi.Yi.Jie.He.Xue.Bao*. 2007;5(3):272-275. [View abstract](#).
- 32840**
- Wang, M. S., Li, J., Di, H. X., Li, Z. L., Yang, S. L., Hou, W., Yan, J. Y., and Zhao, X. M. Clinical study on effect of *Astragalus* Injection and its immuno-regulation action in treating chronic aplastic anemia. *Chin J Integr.Med* 2007;13(2):98-102. [View abstract](#).
- 32841**
- Cho, W. C. and Leung, K. N. In vitro and in vivo immunomodulating and immunorestorative effects of *Astragalus membranaceus*. *J Ethnopharmacol*. 8-15-2007;113(1):132-141. [View abstract](#).
- 32842**

- Wang, J. Y., Ma, G. W., Dai, S. Q., Rong, T. H., Wang, X., Lin, P., Ye, W. F., Zhang, L. J., Li, X. D., Zhang, X., and Yao, G. Y. [Effect of cellular immune supportive treatment on immunity of esophageal carcinoma patients after modern two-field lymph node dissection]. *Ai.Zheng.* 2007;26(7):778-781. [View abstract.](#) **32844**
- Shimizu, N., Tomoda, M., Kanari, M., and Gonda, R. An acidic polysaccharide having activity on the reticuloendothelial system from the root of *Astragalus mongholicus*. *Chem.Pharm Bull.(Tokyo)* 1991;39(11):2969-2972. [View abstract.](#) **32845**
- Ahmed, M. S., Hou, S. H., Battaglia, M. C., Picken, M. M., and Leehey, D. J. Treatment of idiopathic membranous nephropathy with the herb *Astragalus membranaceus*. *Am J Kidney Dis* 2007;50(6):1028-1032. [View abstract.](#) **32847**
- Brunetti, L. and DeSantis, E. R. Treatment of viral myocarditis caused by coxsackievirus B. *Am J Health Syst.Pharm.* 1-15-2008;65(2):132-137. [View abstract.](#) **32849**
- Ai, P., Yong, G., Dingkun, G., Qiuyu, Z., Kaiyuan, Z., and Shanyan, L. Aqueous extract of *Astragali Radix* induces human natriuresis through enhancement of renal response to atrial natriuretic peptide. *J Ethnopharmacol.* 3-28-2008;116(3):413-421. [View abstract.](#) **32851**
- Ye, M. N. and Chen, H. F. [Effects of *Astragalus* injection on proliferation of basal-like breast cancer cell line MDA-MB-468]. *Zhong.Xi.Yi.Jie.He.Xue.Bao.* 2008;6(4):399-404. [View abstract.](#) **32853**
- Pan, H. F., Fang, X. H., Li, W. X., Ye, D. Q., Wu, G. C., and Li, X. P. *Radix Astragali*: a promising new treatment option for systemic lupus erythematosus. *Med Hypotheses* 2008;71(2):311-312. [View abstract.](#) **32854**
- Qu, X. L., Dai, Q., Qi, Y. H., Tang, Y. H., Xu, D. H., Wu, Z. H., and Wang, X. X. [Effects of *Astragalus* Injection on oxidative stress status in maintenance hemodialysis patients]. *Zhong.Xi.Yi.Jie.He.Xue.Bao.* 2008;6(5):468-472. [View abstract.](#) **32856**
- Xu, G. H., Yuan, L., Li, Y., Xie, P., Zhao, J. Y., and Chen, Y. H. [Clinical observation of *Astragalus* Injection in treatment of renal injury in patients with primary hypertension]. *Zhong.Xi.Yi.Jie.He.Xue.Bao.* 2008;6(5):530-532. [View abstract.](#) **32857**
- Haines, C. J., Lam, P. M., Chung, T. K., Cheng, K. F., and Leung, P. C. A randomized, double-blind, placebo-controlled study of the effect of a Chinese herbal medicine preparation (*Dang Gui Buxue Tang*) on menopausal symptoms in Hong Kong Chinese women. *Climacteric.* 2008;11(3):244-251. [View abstract.](#) **32858**
- Wang, F., Xiao, M. D., and Liao, B. [Effect of *Astragalus* on cytokines in patients undergoing heart valve replacement]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2008;28(6):495-498. [View abstract.](#) **32859**
- Yang, S. P., Dong, H., and Wu, Y. C. [Clinical effect of milkvetch extract oral liquid in preventing and treating children's recurrent respiratory tract infection]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2008;28(6):544-547. [View abstract.](#) **32860**
- Shi, H. M., Dai, R. H., and Wang, S. Y. [Primary research on the clinical significance of ventricular late potentials (VLPs), and the impact of mexiletine, lidocaine and *Astragalus membranaceus* on VLPs]. *Zhong.Xi.Yi.Jie.He.Za Zhi.* 1991;11(5):265-7, 259. [View abstract.](#) **32862**
- Song, J. Y., Meng, L. Q., and Li, X. M. [Therapeutic application and prospect of *Astragalus membranaceus* and *Angelica sinensis* in treating renal microvascular lesions]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2008;28(9):859-861. [View abstract.](#) **32867**



- Auyeung, K. K., Law, P. C., and Ko, J. K. Astragalus saponins induce apoptosis via an ERK-independent NF-kappaB signaling pathway in the human hepatocellular HepG2 cell line. *Int.J Mol.Med* 2009;23(2):189-196. [View abstract](#). **32868**
- Lau, T. W., Chan, Y. W., Lau, C. P., Lau, K. M., Lau, C. B., Fung, K. P., Leung, P. C., and Ho, Y. Y. Radix Astragali and Radix Rehmanniae, the principal components of two antidiabetic foot ulcer herbal formulae, elicit viability-promoting effects on primary fibroblasts cultured from diabetic foot ulcer tissues. *Phytother.Res* 2009;23(6):809-815. [View abstract](#). **32873**
- Chen, W., Li, Y. M., and Yu, M. H. Astragalus polysaccharides inhibited diabetic cardiomyopathy in hamsters depending on suppression of heart chymase activation. *J Diabetes Complications* 2010;24(3):199-208. [View abstract](#). **32881**
- Jiangbo, Z., Xuying, W., Yuping, Z., Xili, M., Yiwen, Z., and Tianbao, Z. Effect of astragaloside IV on the embryo-fetal development of Sprague-Dawley rats and New Zealand White rabbits. *J Appl.Toxicol.* 2009;29(5):381-385. [View abstract](#). **32883**
- Cho, J. H., Cho, C. K., Shin, J. W., Son, J. Y., Kang, W., and Son, C. G. Myelophil, an extract mix of Astragali Radix and Salviae Radix, ameliorates chronic fatigue: a randomised, double-blind, controlled pilot study. *Complement Ther.Med* 2009;17(3):141-146. [View abstract](#). **32886**
- Cassileth, B. R., Rizvi, N., Deng, G., Yeung, K. S., Vickers, A., Guillen, S., Woo, D., Coleton, M., and Kris, M. G. Safety and pharmacokinetic trial of docetaxel plus an Astragalus-based herbal formula for non-small cell lung cancer patients. *Cancer Chemother.Pharmacol.* 2009;65(1):67-71. [View abstract](#). **32890**
- Zuo, C., Xie, X. S., Qiu, H. Y., Deng, Y., Zhu, D., and Fan, J. M. Astragalus mongholicus ameliorates renal fibrosis by modulating HGF and TGF-beta in rats with unilateral ureteral obstruction. *J Zhejiang.Univ Sci B* 2009;10(5):380-390. [View abstract](#). **32897**
- Niu, G. H., Sun, X., and Zhang, C. M. [Effect of compound astragalus recipe on lymphocyte subset, immunoglobulin and complements in patients with myasthenia gravia]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2009;29(4):305-308. [View abstract](#). **32898**
- Qu, Z. L., Dong, H., and Wang, S. D. [Effects of astragalus injection on renal function in patients after cardiac valve replacement with cardiopulmonary bypass]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi.* 2009;29(4):313-316. [View abstract](#). **32900**
- Ko, J. K. and Chik, C. W. The protective action of radix Astragalus membranaceus against hapten-induced colitis through modulation of cytokines. *Cytokine* 2009;47(2):85-90. [View abstract](#). **32902**
- Gao, X. H., Xu, X. X., Pan, R., Li, Y., Luo, Y. B., Xia, Y. F., Murata, K., Matsuda, H., and Dai, Y. Saponin fraction from Astragalus membranaceus roots protects mice against polymicrobial sepsis induced by cecal ligation and puncture by inhibiting inflammation and upregulating protein C pathway. *J Nat.Med* 2009;63(4):421-429. [View abstract](#). **32903**
- Song, J., Meng, L., Li, S., Qu, L., and Li, X. A combination of Chinese herbs, Astragalus membranaceus var. mongholicus and Angelica sinensis, improved renal microvascular insufficiency in 5/6 nephrectomized rats. *Vascul.Pharmacol.* 2009;50(5-6):185-193. [View abstract](#). **32904**
- Wang, L., Zhang, M. Z., and Yang, G. Combined therapy with Chinese medicine and percutaneous transradial coronary intervention for a centenarian patient with acute myocardial infarction. *Chin J Integr.Med* 2009;15(3):233-235. [View abstract](#). **32906**

Wu, J. H., Li, Q., Wu, M. Y., Guo, D. J., Chen, H. L., Chen, S. L., Seto, S. W., Au, A. L., Poon, C. C., Leung, G. P., Lee, S. M., Kwan, Y. W., and Chan, S. W. Formononetin, an isoflavone, relaxes rat isolated aorta through endothelium-dependent and endothelium-independent pathways. *J Nutr Biochem*. 2010;21(7):613-620. [View abstract](#).

**32907**

Aldarmaa, J., Liu, Z., Long, J., Mo, X., Ma, J., and Liu, J. Anti-convulsant effect and mechanism of *Astragalus mongholicus* extract in vitro and in vivo: protection against oxidative damage and mitochondrial dysfunction. *Neurochem.Res* 2010;35(1):33-41. [View abstract](#).

**32908**

Tang, L. L., Sheng, J. F., Xu, C. H., and Liu, K. Z. Clinical and experimental effectiveness of Astragali compound in the treatment of chronic viral hepatitis B. *J Int Med Res* 2009;37(3):662-667. [View abstract](#).

**32910**

Liang, H. Y., Hou, F., Ding, Y. L., Zhang, W. N., Huang, X. H., Zhang, B. Y., and Liu, Y. [Clinical evaluation of the antioxidant activity of astragalus in women with gestational diabetes]. *Nan.Fang Yi.Ke.Da.Xue.Xue.Bao*. 2009;29(7):1402-1404. [View abstract](#).

**32914**

Yuan, Y., Sun, M., and Li, K. S. *Astragalus mongholicus* polysaccharide inhibits lipopolysaccharide-induced production of TNF-alpha and interleukin-8. *World J Gastroenterol*. 8-7-2009;15(29):3676-3680. [View abstract](#).

**32916**

Lee, T. M., Guo, L. G., Shi, H. Z., Li, Y. Z., Luo, Y. J., Sung, C. Y., Chan, C. C., and Lee, T. M. Neural correlates of traditional Chinese medicine induced advantageous risk-taking decision making. *Brain Cogn* 2009;71(3):354-361. [View abstract](#).

**32917**

Motomura, K., Fujiwara, Y., Kiyota, N., Tsurushima, K., Takeya, M., Nohara, T., Nagai, R., and Ikeda, T. Astragalosides isolated from the root of *astragalus radix* inhibit the formation of advanced glycation end products. *J Agric.Food Chem*. 9-9-2009;57(17):7666-7672. [View abstract](#).

**32919**

Huh, J. E., Kwon, N. H., Baek, Y. H., Lee, J. D., Choi, D. Y., Jingushi, S., Kim, K. I., and Park, D. S. Formononetin promotes early fracture healing through stimulating angiogenesis by up-regulating VEGFR-2/Flk-1 in a rat fracture model. *Int Immunopharmacol*. 2009;9(12):1357-1365. [View abstract](#).

**32920**

Zhang, Z. X., Wu, L. L., and Chen, M. [Effect of lixu jieyu recipe in treating 75 patients with chronic fatigue syndrome]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2009;29(6):501-505. [View abstract](#).

**32921**

Omura, Y., Henocho, A., Shimotsuura, Y., Duvvi, H., Kawashima, H., and Ohki, M. Severe asthma with markedly increased asbestos of 2 types & TXB2, and markedly reduced acetylcholine, DHEA & drug uptake in parts of upper lungs, & similar abnormalities at respiratory & cardiac center of medulla oblongata: complete elimination of this asthma within 15 days using one optimal dose of astragalus & application of strong red light & EMF neutralizer on respiratory centers of abnormal medulla oblongata. *Acupunct.Electrother.Res* 2009;34(1-2):41-73. [View abstract](#).

**32923**

Ye, Z. B., Wang, F. J., Zhang, G. Q., Yang, W. M., Qin, H. S., and Liu, X. T. [Effects of *Astragalus Membranaceus* Injection on TNF-alpha-induced release of inflammatory factors from HUVECs and the molecular mechanisms]. *Nan.Fang Yi.Ke.Da.Xue.Xue.Bao*. 2009;29(6):1137-1140. [View abstract](#).

**32924**

Chen, C. J., Li, Z. L., Fu, Q., Liu, Y., Lei, X., Wu, H. C., and Liu, Y. F. [Effect of *Astragalus* polysaccharides on the phenotype and functions of human dendritic cells in vitro]. *Nan.Fang Yi.Ke.Da.Xue.Xue.Bao*. 2009;29(6):1192-1194. [View abstract](#).

**32925**

- Chao, M., Zou, D., Zhang, Y., Chen, Y., Wang, M., Wu, H., Ning, G., and Wang, W. Improving insulin resistance with traditional Chinese medicine in type 2 diabetic patients. *Endocrine*. 2009;36(2):268-274. [View abstract](#). **32930**
- Zhou, R. F., Liu, P. X., and Tan, M. [Effect of Astragalus mongholicus injection on proliferation and apoptosis of hormone sensitive (MCF-7) breast cancer cell lines with physiological dose E2]. *Zhong.Yao Cai*. 2009;32(5):744-747. [View abstract](#). **32931**
- Liu, X., Yang, Y., Zhang, X., Xu, S., He, S., Huang, W., and Roberts, M. S. Compound Astragalus and Salvia miltiorrhiza extract inhibits cell invasion by modulating transforming growth factor-beta/Smad in HepG2 cell. *J Gastroenterol.Hepatol*. 2010;25(2):420-426. [View abstract](#). **32935**
- Wong, E. L., Sung, R. Y., Leung, T. F., Wong, Y. O., Li, A. M., Cheung, K. L., Wong, C. K., Fok, T. F., and Leung, P. C. Randomized, double-blind, placebo-controlled trial of herbal therapy for children with asthma. *J Altern.Complement Med* 2009;15(10):1091-1097. [View abstract](#). **32949**
- Zou, F., Mao, X. Q., Wang, N., Liu, J., and Ou-Yang, J. P. Astragalus polysaccharides alleviates glucose toxicity and restores glucose homeostasis in diabetic states via activation of AMPK. *Acta Pharmacol.Sin*. 2009;30(12):1607-1615. [View abstract](#). **32950**
- Wojcikowski, K., Wohlmuth, H., Johnson, D. W., and Gobe, G. Effect of Astragalus membranaceus and Angelica sinensis combined with Enalapril in rats with obstructive uropathy. *Phytother.Res* 2010;24(6):875-884. [View abstract](#). **32953**
- Wang, J., Zhang, Q. Y., and Chen, Y. X. [Effects of Astragalus membranaceus on cytokine secretion of peripheral dendritic cells in children with Henoch-Schonlein purpura in the acute phase]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2009;29(9):794-797. [View abstract](#). **32960**
- Cui, X., Trinh, K., and Wang, Y. J. Chinese herbal medicine for chronic neck pain due to cervical degenerative disc disease. *Cochrane.Database.Syst.Rev*. 2010;(1):CD006556. [View abstract](#). **32965**
- Huh, J. E., Seo, D. M., Baek, Y. H., Choi, D. Y., Park, D. S., and Lee, J. D. Biphasic positive effect of formononetin on metabolic activity of human normal and osteoarthritic subchondral osteoblasts. *Int Immunopharmacol*. 2010;10(4):500-507. [View abstract](#). **32967**
- Lee, J. J. and Lee, J. J. A phase II study of an herbal decoction that includes Astragali radix for cancer-associated anorexia in patients with advanced cancer. *Integr.Cancer Ther*. 2010;9(1):24-31. [View abstract](#). **32979**
- Leehey, D. J., Casini, T., and Massey, D. Remission of membranous nephropathy after therapy with Astragalus membranaceus. *Am J Kidney Dis*. 2010;55(4):772. [View abstract](#). **32985**
- Zhang, Y., Liu, J., Wang, J., and He, Q. Traditional Chinese Medicine for treatment of cerebral palsy in children: a systematic review of randomized clinical trials. *J Altern.Complement Med* 2010;16(4):375-395. [View abstract](#). **32996**
- Liu, Z. L., Liu, Z. J., Liu, J. P., Yang, M., and Kwong, J. Herbal medicines for viral myocarditis. *Cochrane.Database.Syst.Rev*. 2010;7:CD003711. [View abstract](#). **32997**
- Liu, Q. Y., Yao, Y. M., Zhang, S. W., and Sheng, Z. Y. Astragalus polysaccharides regulate T cell-mediated immunity via CD11c(high)CD45RB(low) DCs in vitro. *J Ethnopharmacol*. 7-8-2010; [View abstract](#). **32999**
- Wang, J. J., Li, J., Shi, L., Lv, X. W., Cheng, W. M., and Chen, Y. Y. Preventive effects of a fractioned polysaccharide from a traditional Chinese herbal medical formula (Yu Ping Feng San) on carbon tetrachloride-induced hepatic fibrosis. *J Pharm.Pharmacol*. 2010;62(7):935-942. [View abstract](#).

- 33001**
- Fang, J. Y. [Effect of fu-zheng qu-xie on gastric disease infected with *Campylobacter pyloridis*]. *Zhong Xi Yi Jie He Za Zhi* 1991;11(3):150-2, 133. [View abstract](#).
- 33013**
- Hoo, R. L., Wong, J. Y., Qiao, C., Xu, A., Xu, H., and Lam, K. S. The effective fraction isolated from *Radix Astragali* alleviates glucose intolerance, insulin resistance and hypertriglyceridemia in db/db diabetic mice through its anti-inflammatory activity. *Nutr Metab (Lond)* 2010;7:67. [View abstract](#).
- 33018**
- Yang, Q. Y., Lu, S., and Sun, H. R. [Effects of astragalus on cardiac function and serum tumor neorosis factor-alpha level in patients with chronic heart failure]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2010;30(7):699-701. [View abstract](#).
- 33019**
- Li, M., Wang, W., Xue, J., Gu, Y., and Lin, S. Meta-analysis of the clinical value of *Astragalus membranaceus* in diabetic nephropathy. *J Ethnopharmacol*. 1-27-2011;133(2):412-419. [View abstract](#).
- 33021**
- Zhang, Z. H., Zhou, G., Gong, X., Zhang, R., Qu, X. G., Zeng, C., and Liu, J. L. [Effects of Hengyan medicinal recipe on the regulation of immunity in patients with severe sepsis: a prospective clinical trial]. *Zhongguo Wei Zhong.Bing.Ji.Jiu.Yi.Xue*. 2011;23(2):77-80. [View abstract](#).
- 33022**
- Yang, Q. Y., Lu, S., and Sun, H. R. Clinical effect of *Astragalus* granule of different dosages on quality of life in patients with chronic heart failure. *Chin J Integr Med* 2011;17(2):146-149. [View abstract](#).
- 33025**
- Zhao, K. S., Mancini, C., and Doria, G. Enhancement of the immune response in mice by *Astragalus membranaceus* extracts. *Immunopharmacology* 1990;20(3):225-233. [View abstract](#).
- 33026**
- Fu, S., Zhang, J., Menniti-Ippolito, F., Gao, X., Galeotti, F., Massari, M., Hu, L., Zhang, B., Ferrelli, R., Fauci, A., Firenzuoli, F., Shang, H., Guerra, R., and Raschetti, R. Huangqi injection (a traditional Chinese patent medicine) for chronic heart failure: a systematic review. *PLoS.One*. 2011;6(5):e19604. [View abstract](#).
- 33028**
- Xiong, M., He, Q., Lai, H., Huang, W., Wang, L., Yang, C., and Wang, J. *Radix Astragali* injection enhances recovery from acute acoustic trauma. *Acta Otolaryngol*. 2011;131(10):1069-1073. [View abstract](#).
- 33030**
- Qian, Z. W., Mao, S. J., Cai, X. C., Zhang, X. L., Gao, F. X., Lu, M. F., Shao, X. S., Li, Y. Y., Yang, X. K., Zhuo, Y. A., and . Viral etiology of chronic cervicitis and its therapeutic response to a recombinant interferon. *Chin Med J (Engl.)* 1990;103(8):647-651. [View abstract](#).
- 33032**
- Ti, Y. X., Pan, Z. X., and Wu, C. [Intervention of astragalus injection on the kidney injury after cardiopulmonary bypass of infants with congenital heart disease]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 2011;31(5):631-634. [View abstract](#).
- 33033**
- Xiong, M., He, Q., Lai, H., Huang, W., Wang, L., and Yang, C. *Radix astragali* injection enhances recovery from sudden deafness. *Am J Otolaryngol*. 2012;33(5):523-527. [View abstract](#).
- 33034**
- Chen, H. W., Lin, I. H., Chen, Y. J., Chang, K. H., Wu, M. H., Su, W. H., Huang, G. C., and Lai, Y. L. A novel infusible botanically-derived drug, PG2, for cancer-related fatigue: a phase II double-blind, randomized placebo-controlled study. *Clin Invest Med* 2012;35(1):E1-11. [View abstract](#).
- 33036**
- Wu, H. M., Tang, J. L., Cao, L., Sha, Z. H., and Li, Y. Interventions for preventing infection in nephrotic syndrome. *Cochrane Database Syst.Rev*. 2012;4:CD003964. [View abstract](#).
- 33037**

- Zhang ZL, Wen QZ, and Liu CX. Hepatoprotective effects of astragalus root. *Journal of Ethnopharmacology* 1990;30(2):145-149. [View abstract](#). **33038**
- Lu, Z. M., Qian, X. H., Chen, Z. W., Zhang, C. H., Guo, L. S., and Chen, J. [Prospective clinical study of radix astragali and its compound prescription for treatment of beta-thalassemia in children]. *Zhongguo Dang.Dai Er.Ke.Za Zhi*. 2012;14(5):344-349. [View abstract](#). **33039**
- Zhang, L. F., Cheng, W. D., Gui, M. M., Li, X. Y., and Wei, D. F. [Comparative study of Radix Hedyseri as substitute for Radix Astragali of yupingfeng oral liquid on cellular immunity in immunosuppressed mice]. *Zhong.Yao Cai*. 2012;35(2):269-273. [View abstract](#). **33040**
- Liu, Z. L., Liu, Z. J., Liu, J. P., and Kwong, J. S. Herbal medicines for viral myocarditis. *Cochrane Database Syst.Rev*. 2012;11:CD003711. [View abstract](#). **33042**
- Chen, Z. [Clinical study of 96 cases with chronic hepatitis B treated with jiedu yanggan gao by a double-blind method]. *Zhong.Xi.Yi.Jie.He.Za Zhi*. 1990;10(2):71-4, 67. [View abstract](#). **33043**
- Geng, C. S. [Advances in immuno-pharmacological studies on Astragalus membranaceus]. *Zhong.Xi.Yi.Jie.He.Za Zhi*. 1986;6(1):62-64. [View abstract](#). **33044**
- Wu, B. Q. [Cerebral infarction in 141 cases treated by traditional Chinese medicine and Western medicine]. *Zhong Xi Yi Jie He Za Zhi* 1989;9(11):656-7, 644. [View abstract](#). **33046**
- Liao, J. Z., Chen, J. J., Wu, Z. M., Guo, W. Q., Zhao, L. Y., Qin, L. M., Wang, S. R., and Zhao, Y. R. Clinical and experimental studies of coronary heart disease treated with yi-qi huo-xue injection. *J Tradit.Chin Med* 1989;9(3):193-198. [View abstract](#). **33048**
- Liao, J. Z., Chai, Z. N., Li, W. S., Liu, X. F., Wang, S., Qin, L., and Guo, W. Q. Pharmacologic effects of codonopsis pilosula-astragalus injection in the treatment of CHD patients. *J Tradit.Chin Med* 1988;8(1):1-8. [View abstract](#). **33049**
- Dong, D. C., Zhou, L. F., and Chen, J. X. [Changes in proteinuria, renal function and immunity after treatment with injections of a solution of Astragalus membranaceus]. *Zhong.Xi.Yi.Jie.He.Za Zhi*. 1987;7(7):403-4, 388. [View abstract](#). **33050**
- He, Z. P., Wang, D. Z., Shi, L. Y., and Wang, Z. Q. Treating amenorrhea in vital energy-deficient patients with angelica sinensis-astragalus membranaceus menstruation-regulating decoction. *J Tradit.Chin Med* 1986;6(3):187-190. [View abstract](#). **33054**
- Chen, L. X., Liao, J. Z., and Guo, W. Q. [Effects of Astragalus membranaceus on left ventricular function and oxygen free radical in acute myocardial infarction patients and mechanism of its cardiogenic action]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 1995;15(3):141-143. [View abstract](#). **33055**
- Peng, T. Q., Yang, Y. Z., and Kandolf, R. [Effect and mechanism of Astragalus membranaceus on coxsackie B3 virus RNA in mice]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 1994;14(11):664-666. [View abstract](#). **33056**
- Shi, H. M., Dai, R. H., and Fan, W. H. [Intervention of lidocaine and Astragalus membranaceus on ventricular late potentials]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*.(Chinese Journal of Integrated Traditional and Western Medicine) 1994;14(10):598-600. [View abstract](#). **33058**
- Li, S. Q., Yuan, R. X., and Gao, H. [Clinical observation on the treatment of ischemic heart disease with Astragalus membranaceus]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 1995;15(2):77-80. [View abstract](#). **33059**

- Cha, R. J., Zeng, D. W., and Chang, Q. S. [Non-surgical treatment of small cell lung cancer with chemo-radio- immunotherapy and traditional Chinese medicine]. *Zhonghua Nei Ke.Za Zhi* 1994;33(7):462-466. [View abstract](#). **33061**
- Jin, R., Wan, L. L., Mitsuishi, T., Kodama, K., and Kurashige, S. [Immunomodulative effects of Chinese herbs in mice treated with anti- tumor agent cyclophosphamide]. *Yakugaku Zasshi* 1994;114(7):533-538. [View abstract](#). **33062**
- Lu, D. C., Su, Z. J., and Rui, T. [Effect of jian yan ling on serum lipids, apoprotein and lipoprotein-a]. *Zhongguo Zhong Xi Yi Jie He Za Zhi* 1994;14(3):142-144, 131-2. [View abstract](#). **33063**
- Lei, Z. Y., Qin, H., and Liao, J. Z. [Action of Astragalus membranaceus on left ventricular function of angina pectoris]. *Zhongguo Zhong Xi Yi Jie He Za Zhi* 1994;14(4):199-202. [View abstract](#). **33064**
- Sheng, Z. L., Li, N. Y., and Ge, X. P. [Clinical study of baoyuan dahuang decoction in the treatment of chronic renal failure]. *Zhongguo Zhong Xi Yi Jie He Za Zhi* 1994;14(5):268-70, 259. [View abstract](#). **33069**
- Zhao, K. W. and Kong, H. Y. [Effect of Astragalan on secretion of tumor necrosis factors in human peripheral blood mononuclear cells]. *Zhongguo Zhong Xi.Yi.Jie.He.Za Zhi*. 1993;13(5):263-5, 259. [View abstract](#). **33070**
- Su, Z. Z., He, Y. Y., and Chen, G. [Clinical and experimental study on effects of man-shen-ling oral liquid in the treatment of 100 cases of chronic nephritis]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 1993;13(5):269-60. [View abstract](#). **33071**
- Zhang, B. Z., Ding, F., and Tan, L. W. [Clinical and experimental study on yi-gan-ning granule in treating chronic hepatitis B]. *Zhongguo Zhong Xi Yi Jie He Za Zhi* 1993;13(10):597-9, 580. [View abstract](#). **33074**
- Weng, X. S. [Treatment of leucopenia with pure Astragalus preparation--an analysis of 115 leucopenic cases]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 1995;15(8):462-464. [View abstract](#). **33076**
- Guo, Q., Peng, T. Q., and Yang, Y. Z. [Effect of Astragalus membranaceus on Ca<sup>2+</sup> influx and coxsackie virus B3 RNA replication in cultured neonatal rat heart cells]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 1995;15(8):483-485. [View abstract](#). **33077**
- Burack, J. H., Cohen, M. R., Hahn, J. A., and Abrams, D. I. Pilot randomized controlled trial of Chinese herbal treatment for HIV- associated symptoms. *J Acquir.Immune.Defic.Syindr.Hum.Retrovirol*. 8-1-1996;12(4):386-393. [View abstract](#). **33078**
- Luo, H. M., Dai, R. H., and Li, Y. [Nuclear cardiology study on effective ingredients of Astragalus membranaceus in treating heart failure]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 1995;15(12):707-709. [View abstract](#). **33079**
- Kajimura, K., Takagi, Y., Ueba, N., Yamasaki, K., Sakagami, Y., Yokoyama, H., and Yoneda, K. Protective effect of astragali radix by oral administration against Japanese encephalitis virus infection in mice. *Biol.Pharm.Bull*. 1996;19(9):1166-1169. [View abstract](#). **33083**
- Batey RG, Bensoussan A, Fan YY, and et al. Preliminary report of a randomized, double-blind placebo-controlled trial of a Chinese herbal medicine preparation CH-100 in the treatment of chronic hepatitis C. *Journal of Gastroenterology and Hepatology* 1998;13(3):244-247. [View abstract](#). **33084**
- Gu, W., Yang, Y. Z., and He, M. X. [A study on combination therapy of Western and traditional Chinese medicine of acute viral myocarditis]. *Zhongguo Zhong.Xi.Yi.Jie.He.Za Zhi*. 1996;16(12):713-716. [View abstract](#).

- 33087**
- Lu, L. J., Zhao, D. Y., Li, S. Y., and Lin, Q. F. Clinical analysis of 179 cases of hepatitis B treated with Chinese herbal combination hepatitis B formula #3 [in Chinese]. *Shandong J TCM* 1992;11(2):15-17.
- 33088**
- Wang, X. G., Tang, H. F., Liu, X. C., and Ren, H. K. Clinical observations of
- 33089**
- Peng, M. H., Wang, X. Y., Sun, F. Y., Du, X. Z., Xiang, D. P., and Wang, W. S. [Observation of therapeutic effect of *Astragalus membranaceus* by acupoint injection for treatment of hepatitis B virus carriers]. *Chinese Journal of Chinese Medicine and Pharmacology Information* 1997;4(4):22-23.
- 33090**
- Kang GG. Preventive effects of Huangqi on secondary infection in children with simple nephrotic syndrome. *Chinese Journal of Integrated Traditional and Western Nephrology* 2005;6(12):718-719.
- 33091**
- Wang, H. Report of Clinical Trial of Compound Qishe Tablet: Phase II. 2004;
- 33092**
- Wang, H. Report of Clinical Trial of Compound Qishe Tablet: Phase III. 2005;
- 33093**
- Li, Q., Li, F., and Lu, J. Extractum Nucis Vomicae for the Peripheral Nerve Pressure Symptoms of Cervical Spondylopathy: a Randomized Control Observation of 306 Cases. *Chinese Journal of Tissue Engineering Research and Clinical Rehabilitation* 2007;11(23):4531-4533.
- 33094**
- Zhou, Z. H. Effect of Huangqi injection in reducing microalbuminuria for patients with type 2 Diabetes. *Journal of Medical Theory and Practice* 2002;15:510-511.
- 33095**
- Hu XF. Huanqi the treatment of viral myocarditis caused by the clinical research of arrhythmia. Full paper database of Chinese excellent dissertations by doctors and masters 2009;
- 33096**
- Dong XP. Study on the effects of combined treatment with Radix Astragali injection for infantile viral myocarditis. *Chinese Journal of Hospital Pharmacy* 2011;31(1):64-65.
- 33097**
- Chen, H. 104 cases of acute viral myocarditis treated with *Astragalus membranaceus* injection. *Chinese Journal of Information on Traditional Chinese Medicine* 1999;6(4):49.
- 33098**
- Zeng, C. F. Clinical observation on 25 cases of acute viral myocarditis treated with combined method of Chinese and western medicine. *Journal of Gansu College of Traditional Chinese Medicine* 1997;14(3):28-30.
- 33101**
- Park JH, Kim BK, Park MK, and et al. Anti-diabetic activity of herbal drugs. *Kor J Pharmacogn* 1997;28(2):72-74.
- 33103**
- Shibata T, Sakai E, Nishi K, and Asetai M. Growth and glycoside content of *Astragalus membranaceus* (Bunge Leguminaceae) cultivated in different soil groups. *Natural Medicine* 1996;50:296-299.
- 33104**
- Zhou, Y, Huang, Z, Huang, T, and et al. Clinical study of Shengxue Mixture in treating aplastic anemia. *Chinese Journal of Integrated Traditional and Western Medicine* 2001;7(3):186-189.
- 33105**
- Yang Y, Jin P, Guo Q, and et al. Effect of *Astragalus membranaceus* on natural killer cell activity and induction of alpha- and gamma- interferon in patients with coxsackie B viral myocarditis. *Chinese Medical Journal* 1990;103(4):304-307.
- 33107**
- Yong WU, Yand OU, Ping J, Ke WU, and et al. Hypoglycemic effect of astragalus polysaccharide and its effect on PTP1B. *Acta Pharmacol.Sin.* 2005;26(2):345-352.
- 33108**

- Yin X, Zhang S, Kong Y, and et al. Observation on efficiency of jiangtang capsule in treating diabetes mellitus type 2 with hyperlipidemia. Chinese Journal of Integrated Traditional and Western Medicine 2001;7(3):214-216. **33109**
- Tianqing P, Yingzhen Y, Riesemann H, and et al. The inhibitory effect of Astragalus membranaceus on coxsackie B-3 virus RNA replication. Chinese Medical Sciences Journal 1995;10(3):146-150. **33117**
- Wei, L., Su, Z. J., and Guan, F. S. Randomized double-blind controlled study of therapeutic effects of Astragalus injection on children with cerebral palsy. Appl J Gen Pract 2008;3:234-235. **33118**
- Sun Y, Chang Y, and Yu G. Effect of Fu-Zheng therapy in the management of malignant diseases. Chin Med J 1981;61:97-101. **33119**
- Zhang HE and et al. Treatment of adult diabetes with Jiangtangjia tablet. Journal of Traditional Chinese Medicine 1986;27(4):37-39. **33120**
- Bai R, Li Q Fang X. Therapeutic effect observation of Astragalus injection for the treatment of 25 cases of pulmonary heart failure. Journal of Shanxi Medical College of Continuing Education 1999;9(1):39-40. **33121**
- Bao X. Astragalus injection for aged people with congestive heart failure. Pharmacology and Clinics of Chinese Materia Medica 1999;15(6):39-40. **33122**
- Bu Q, Li S. The curative effect of Astragalus injection for aged patients with congestive heart failure. Chinese Journal of Integrative Medicine on Cardio/Cerebrovascular Disease 2005;3(11):1006. **33123**
- Cai Q, Ma H Zhou J. Analysis the improvement of cardiac function of Astragalus injection for chronic congestive heart failure. Shanxi Medical Journal 2005;34(7):860-861. **33124**
- Chu G, Peng X. Astragalus injection as assisted treatment for refractory heart failure. Hubei Journal of Traditional Chinese Medicine 2000;22(10):29. **33125**
- Fan L. Observation of Chinese and Western medicine for the treatment of 72 cases with congestive heart failure. Journal of Practical Traditional Chinese Medicine 2004;20(9):501. **33126**
- Fang Z, Qin Y. Clinical observation of Huangqi injection for congestive heart failure. Central Plains Medical Journal 2003;30(14):6-7. **33127**
- Fu X. Clinical experience in Astragalus injection for congestive heart failure. Journal of Chinese Practical Medicine 2000;2(9):72. **33128**
- Gao Z, Zhang L Xu Y Liu L Zhang L. Clinical observation of Astragalus injection for congestive heart failure. Hebei Medicine 1999;5(5):7-9. **33129**
- Gao J. Clinical observation of Huangqi Injection for congestive heart failure. Journal of Guangdong College of Pharmacy 2005;21(5):610-611. **33130**
- Gu X, Shang S Guo R. Astragalus injection as adjuvant therapy for 68 cases with congestive heart failure. Herald of Medicine 2003;22(8):556-557. **33131**
- Guo H, Liu L Yuan W Miao Z. Therapeutic effect observation of Huangqi injection for the treatment of chronic pulmonary heart disease with heart failure. Practical Clinical Journal of Integrated Traditional Chinese and Western Medicine 2005;5(4):22. **33132**



- Guo H, Chen H. Astragalus injection for 42 cases with chronic congestive heart failure. Central Plain Medical Journal 2006;33(2):85-86. **33133**
- Hu J, Gan J. Astragalus injection for 30 cases with chronic heart failure. Chin J Clin Pharmacol Ther 2001;6(1):78. **33134**
- Hu S. Therapeutic effect observation of Huangqi injection as assisted treatment for chronic heart failure. Medicine Innovation Research 2008;5(2):102-103. **33135**
- Jiao X, Duan Y. Clinical research of Huangqi Injection on left ventricular remodeling in congestive heart failure. Journal of Shanxi College of Traditional Chinese Medicine 2006;29(3):19-20. **33136**
- Li S, Lv M. Astragalus injection as the assisted treatment for 30 cases with pulmonary heart failure. Journal of Anhui TCM College 1997;16(2):19-20. **33137**
- Li C, Zhu X. Therapeutic effect observation of Astragalus injection as assisted treatment for chronic congestive heart failure. J Med Theor & Prac 2002;15(11):1277-1278. **33138**
- Li W, Zhao W. Clinical observation of Astragalus injection for 50 cases with chronic congestive heart failure. The Seventh National Chinese and Western Medicine Academic and Working Communication Conference of Rural Foot Layer 2002;35-37. **33139**
- Li S, Hao J Wu F et al. Clinical therapeutic effect observation of different doses of Huangqi injection for congestive heart failure. Chinese Journal of the Practical Chinese with Modern Medicine 2003;3(16):1665-1667. **33140**
- Li H, Xu J. The curative effect of the treatment of chronic congestive cardiac deficiency by Astragalus injection and digoxin. Sichuan Journal of Physiological Sciences 2006;28(2):81. **33141**
- Li J, Xu B Xue J Chen L Ling W. Clinical observation on the effect of sodium nitroprusside combined with milkvetch root injection on chronic congestive heart failure. China Tropical Medicine 2007;7(8):1343-1344. **33142**
- Liu Y, Wang H. Curative effect observation of traditional Chinese and western medicine for the treatment of congestive heart failure. Tianjin Journal of Traditional Chinese Medicine 2001;18(5):8. **33143**
- Liu C, Li Y. Clinical observation of Huangqi injection for congestive heart failure. Journal of Liaoning College of TCM 2004;6(5):390. **33144**
- Liu Y, Li Y. Clinical research on Huangqi injection for congestive heart failure. Journal of Practical Traditional Chinese Medicine 2005;21(4):198-199. **33145**
- Liu Y. Effect of astragalus injection on heart failure in senile patients. Journal of Xinxiang Medical College 2005;22(3):244-245. **33146**
- Liu A. Clinical observation of Huangqi injection for chronic congestive heart failure. Zhejiang JLTCWM 2005;15(1):32. **33147**
- Liu Z. Effect of Huangqi injection on cardiac output of chronic heart failure. Journal of Chinese Modern Medicine 2006;3:5. **33148**
- Lu Q. The treatment of 80 cases of intractable heart failure with traditional Chinese and Western medicine. Modern Journal of Integrated Traditional Chinese and Western Medicine 2000;9(1):61. **33149**
- Lu Z, Zhao D Liu Y. Clinical observation of Astragalus injection for coronary heart failure. Public Medical Forum Magazine 2006;10(1):1-2.

- 33150**
- Luo X. Clinical observation of Astragalus injection for 30 cases with congestive heart failure. *Journal of Emergency in Traditional Chinese Medicine* 2003;12(1):35.
- 33151**
- Luo Q, Wang Y Hu M. Therapeutic effect observation of Astragalus injection with conventional therapy for 46 elderly patients with chronic congestive heart failure. *Heilongjiang Journal of Traditional Chinese Medicine* 2004;3:8-9.
- 33152**
- Lv J. Observation of western medicine combined with Huangqi injection for 36 patients with chronic heart failure. *Journal of Practical Traditional Chinese Medicine* 2008;24(3):164-165.
- 33153**
- Ma Z, Cheng X Wang L. Huangqi injection as the assisted treatment for 86 cases with chronic pulmonary heart failure. *Shanxi Journal of Traditional Chinese Medicine* 2001;22(10):579-580.
- 33154**
- Ma L, Yu J Han Y. Clinical observation of Huangqi injection for the treatment of pulmonary heart disease refractory heart failure. *Henan Traditional Chinese Medicine* 2005;25(10):78.
- 33155**
- Pang M, Guo F Sun X Guo L. Effective observation of Astragalus injection for refractory heart failure. *China Pharmaceuticals* 2000;9(7):44.
- 33156**
- Qin L. Therapeutic effect observation of Chinese and western medicine in the treatment of congestive heart failure. *Journal of Shaanxi College of Traditional Chinese Medicine* 2000;23(4):46-47.
- 33157**
- Su X, Liu C. Clinical observation of injection Huangqi treating 46 patients with heart failure. *Journal of Heze Medical College* 2002;14(3):21.
- 33158**
- Tian L, Ai J Deng C. Clinical observation of Huangqi injection combined with captopril for the treatment of 46 cases with chronic pulmonary heart failure. *Shanghai Medical & Pharmaceutical Journal* 1997;11:16.
- 33159**
- Tian L, Ai J Wu X. Huangqi injection combined with dobutamine for the treatment of 54 patients with chronic pulmonary heart disease refractory heart failure. *Modern Journal of Integrated Traditional Chinese and Western Medicine* 2005;14(5):610.
- 33160**
- Wang L. The observation of Astragalus injection combined with Nitroglycerin for heart failure. *Chongqing Medical Journal* 2000;29(1):71-72.
- 33161**
- Wang S, Yu L. Clinical observation of astragalus in treatment of heart failure in 102 cases with chronic pulmonary heart disease. *Chinese Journal of Integrated Traditional and Western Medicine in Intensive and Critical Care* 2002;9(4):230-231.
- 33162**
- Wang H. Clinical research on Astragalus injection as assisted treatment for refractory heart failure. *Journal of Emergency in Traditional Chinese Medicine* 2005;14(11):1070-1071.
- 33163**
- Wei Y, Li C Chen X Liu Y Luo N. Effect of Astragalus parenteral solution of cytokines and angiotensin II in patients with congestive heart failure. *Chinese Journal of Clinical Rehabilitation* 2006;10(3):54-56.
- 33164**
- Wu C. Clinical effects of Huangqi injection on heart failure. *Guilin Medicine* 2001;3:19-20.
- 33165**
- Wu L. Therapeutic effect observation of Huangqi injection for the treatment of chronic pulmonary heart failure. *Xinjiang Medical Journal* 2004;34:107-108.
- 33166**
- Xi Z, Jin X. Therapeutic effect observation of Astragalus injection for congestive heart failure. *Modern Medicine & Health* 2005;21(17):2337-2338.
- 33167**

- Yang L, Zhang Y Yang G et al. The therapeutic effect of Astragalus injection on chronic heart failure. *Shanghai Medical & Pharmaceutical Journal* 1996;2:17-18. **33168**
- Yang Z, Liu M. Effect of Huangqi injection on incidence of digitalism during the treatment of congestive heart failure. *Traditional Chinese Drug Research & Clinical Pharmacology* 1998;9(2):80-81. **33169**
- Yang J, Xie Q. Therapeutic effect observation of Huangqi injection for chronic heart failure. *Modern Journal of Integrated Traditional Chinese and Western Medicine* 2000;9(12):1331. **33170**
- Yang H, Kang X. Effects of Astragalus membranaceus on plasma BNP and NT-BNP during chronic heart failure. *Chinese Health Care* 2005;13(18):9-10. **33171**
- Yang Y. Therapeutic effect observation of Astragalus injection combined with Western medicine for congestive heart failure. *World Health Digest* 2007;4(11):31-32. **33172**
- Yin J, Wei Q. Therapeutic effect of Astragalus membranaceus injection on heart failure caused by pulmonary heart disease. *Hebei Journal TCM* 2002;24(4):308-309. **33173**
- Zeng J. The clinical observation of Astragalus injection for congestive heart failure. *Academic Proceedings of National Emergency Medicine Conference on Serious Disease* 2005;156-157. **33174**
- Zhai L, Wang M Yue J Ma Y. Clinical observation of Huangqi Injection for congestive heart failure. *Shanghai Medical & Pharmaceutical Journal* 1995;11:11-12. **33175**
- Zhang L, Wang G Zhang G. Therapeutic effect observation of Huangqi injection as assisted treatment for pulmonary heart failure. *Tibetan Medical Journal* 2000;21(2):14-15. **33176**
- Zhang D. Therapeutic effect observation of Astragalus injection for the treatment of 42 cases of pulmonary heart failure. *Modern Journal of Integrated Traditional Chinese and Western Medicine* 2002;11(5):408. **33177**
- Zhang J, Jia L Du Y. Effects of Astragalus on cardiac function and hemorrheology in aged patients with congestive heart failure. *Practical Geriatrics* 2003;17(4):192-194. **33178**
- Zhao Z, Liu F Yang L. Huangqi injection as the assisted treatment for congestive heart failure. *The Practical Journal of Integrating Chinese with Modern Medicine* 1998;11(1):26. **33179**
- Zhou Z, Cai A Luo C Zeng X. Clinical observation of Astragalus injection as adjuvant therapy for coronary heart failure. *Hubei Journal of Traditional Chinese Medicine* 2002;24(9):11-12. **33180**
- Xiangzhe J. A clinical investigation on 30 cases of senile benign renal arteriosclerosis treated bu Huang qi gu jing yin. *Journal of Traditional Chinese Medicine* 2001;21(3):177-180. **33181**
- Dai, F. and Long, Y. C. Combined Chinese and Western treatment of chronic hepatitis B: an analysis of 38 cases [in Chinese]. *J Anhui University TCM* 1998;17(3):18-19. **33182**
- Fu, Q. P. Chinese herbal medicine and interferon in the treatment of hepatitis B and D [in Chinese]. *Harbin Med* 1997;17(3):50-52. **33185**
- Song, T. W. and Song, Y. Z. Treatment of asymptomatic hepatitis B carriers by TCM spleen/kidney theory: an analysis of 80 cases [in Chinese]. *Zhejiang J TCM* 1994;29:487-488. **33186**
- Wang, M. S. Clinical survey of 64 cases of chronic hepatitis B treated with yellow dragon tea [in Chinese]. *Chin J Indigenous Med* 1997;3(3):21-22. **33187**

- Zhao, X. W. and Guo, C. Q. Kang qian wei in the treatment of chronic hepatitis B [in Chinese]. Hunan Bull TCM 1996;2(2):7-10. **33189**
- Chen J, Chen SQ. Preventive effects of Huangqi on infection in children with nephrotic syndrome. Zhong Guo Zhong Xi Yi Jie He Za Zhi [Chinese Journal of Integrated Traditional and Western Medicine] 2008;28(5):467-469. **33190**
- Mo, W., Shi, Q., Hou, B., Ge, J., Ye, J., and Wan, H. Effect of Traditional Chinese Medicine Therapy with Single Disease Control in the Treatment of Mild Cervical Spondylotic Myelopathy. Chinese Journal of Clinical Rehabilitation 2005;9(46):102-104. **33194**
- Wang, Y. G. An X. J. Wu X. Z. Application of Astragalus injection on diabetic nephropathy complicated with chronic renal failure. Journal of Practical Emergency Medicine Integrated Chinese and Western Medicine 1999;6:230-231. **33195**
- Zhang, H. Shi X. Ji J. L. The effect of Astragalus injection on proteinuria in diabetic nephropathy. Henan Journal of Chinese Medicine 2001;16:36-37. **33196**
- Wang, G. L. Wei X. P. Observation of recent curative effect of Astragalus membranaceus injection on diabetetic nephropathy. Chinese Journal of Primary Medicine and Pharmacy 2003;10:38-39. **33197**
- Shi, P. Li Z. Reducing micro-albuminuria of Huangci in diabetic nephropathy. Journal of Modern Clinical Medicine 2005;31:89-90. **33198**
- Zeng, F. The effect of Astragalus injection on incipient diabetic nephropathy and plasma endothelin. Jiangxi Journal of Traditional Chinese Medicine 2005;36:26-27. **33199**
- Ji, L. Pan M. P. Wang L. Efficacy of Astragalus injection for diabetic nephropathy. Practical Journal of Medicine and Pharmacology 2006;23:439-440. **33200**
- Yang, R. F. Application of Astragalus injection on 56 patients with diabetic nephropathy. Medical Tribune 2006;27:84-85. **33201**
- Miao, Q. F. Wang L. Wang J. Y. The effect of Astragalus on diabetic nephropathy. Journal of Bethune Medical University 2000;26:146-1146. **33202**
- Xu, Y. F. Efficacy of Astragalus for postponing the deterioration of renal function in patients with diabetic nephropathy. Fujian Medical Journal 2002;24:101-102. **33203**
- Cui, B. Yao M. Y. Tao Y. F. The effect of Astragalus on diabetic nephropathy stage V. Hainan Medicine 2005;16:58-59. **33204**
- Su, F. Clinical observation of the effect of Astragalus injection on diabetic nephropathy. Ningxia Medical Journal 2006;28:220-221. **33205**
- Bi, Z. J. Application of Astragalus injection on 68 patients with diabetic nephropathy. Chinese Journal of Integrative Medicine on Cardio-Cerebro Vascular Disease 2008;6:114-115. **33206**
- Du, W. T. Li F. M. The effect of Astragalus on improvement of renal injury in early stage of diabetic nephropathy. Lishizhen Medicine and Materia Medica Research 2007;18:1743-1744. **33207**
- Li, L. Diabetic nephropathy treating with Astragalus. Chinese Journal of Practice Medicine 2008;3:103-104. **33208**
- Xie, B. X. Treatment of Astragalus membranaceus in 86 early diabetic nephrosis patients. Journal of Zhenjiang Medical College 2001;11:168-169.

- 33209**
- Zhang, T. Gu H. D. Han J. H. Application of Astragalus injection on 31 patients with diabetic nephropathy. Chinese Journal of Emergency Medicine Integrated Chinese and Western Medicine 2001;8:283-1283.
- 33210**
- Guo, Q. Y. Tang C. F. Fang X. H. Observation of the therapeutic effect of Astragalus injection on early stage of diabetic nephropathy. Chinese Journal of Rural Medicine 2004;11:11-12.
- 33211**
- Liu, D. Liu S. Ding H. Investigation of the effect of Astragalus injection on treating diabetic nephropathy. Chinese Medicine of Factory and Mine 2004;17:446-447.
- 33212**
- Wang, Q. L. Application of Astragalus injection on 30 patients with diabetic nephropathy. Central Plains Medical Journal 2004;31:6-7.
- 33213**
- Ying, L. H. Observation of the therapeutic effect of Astragalus injection on diabetic nephropathy. Modern Journal of Integrated Traditional Chinese and Western Medicine 2005;14:988-989.
- 33214**
- Zhang, L. Wang Y. J. Wang G. Z. Application of Astragalus injection with western medicine on proteinuria in patients with diabetic nephropathy. Shanxi Journal of Chinese Traditional Medicine 2005;26:1285-1286.
- 33215**
- Zhang, X. F. Gao H. Y. The effect of Astragalus on early stage of diabetic nephropathy. Shanghai Medicine 1999;20:20-21.
- 33216**
- Cheng, Z. R. Fang B. Q. Cheng Z. F. Song J. Z. Observation of treatment of early stage of diabetic nephropathy with Astragalus injection. Liaoning Journal of Practical Diabetes 2002;10:34-35.
- 33217**
- Tan, Y. B. Clinical observation on the effect of Astragalactoside injection in the treatment of infantile viral myocarditis [in Chinese]. Chinese Journal of Integrated Traditional and Western Medicine in Intensive and Critical Care 2003;10(1):60-1.
- 33218**
- Zheng, R. 120 cases of viral myocarditis treated with integrated Chinese and western medicine [in Chinese]. The Journal of Medical Theory and Practice 2003;16(8):907-908.
- 33219**
- Zhang, Z. Z., Yu, X. H., Zhang, P., and Yang, Y. H. Observation on 20 cases of viral myocarditis treated with
- 33220**
- Zhou Y, Yu, X. H., and Yang, Y. H. Observation of astragaloside on treating viral myocarditis in 40 cases [in Chinese]. Chinese Journal of the Practical with Modern Medicine 2006;19(8):880-881.
- 33221**
- Yang, Y. X. Clinical research on treatment of acute viral myocarditis by Astragalactoside injection [in Chinese]. World Health Digest Medical Periodical 2008;5(9):35.
- 33223**
- Wu, J. W., Tao, N., Jiang, R. F., and Feng, H. D. Clinical observation on infantile viral myocarditis treated with radix astragali granules [in Chinese]. Journal of Pediatric Pharmacy 2009;15(1):23-5.
- 33224**
- Pan XS. Analysis on the effect of garlicin for treating viral myocarditis. Youjiang Medical Journal 2010;38(2):120-122.
- 33225**
- Chen, P. Y., Zhou, F., Chen, W. L., Ceng, Y., and Luo, L. Y. Clinical observation on the effect of Xinshu Capsule (XC) in treating frequent ventricular extrasystoles due to viral myocarditis and the influence on NO, NOS AND SOD [in Chinese]. Chinese Journal of Current Traditional and Western Medicine 2005;3(10):893-895.
- 33226**

- Li, L., Zhang, S. L., Zhong, X. L., Xu, L. L., and Duan, A. Y. Observation on therapeutic effect of Qingxinkangyan Yin Decoction in treating patients with CVB myocarditis and nursing strategy. *Journal of Nursing (China)* 2006;13(3):59-60. **33227**
- Li, M. Thirty-eight cases of viral myocarditis treated by Sheng Yang Yi Xin decoction [in Chinese]. *Shaanxi Journal of Traditional Chinese Medicine* 2006;27(7):791-793. **33228**
- Zheng, R. The double-blinding study on the effects of Compound recipe Qiang Qi pill in treating patients with VMC. 2005;1-72. **33229**
- Zhou, Y. W and Zhang, Z. J. Observation of Huo Ming decoction in treatment of viral myocarditis. *Chinese Journal of Misdiagnosis* 2008;8(23):5584-5585. **33231**
- Han, Y., Zhang, X. J., and Li, J. Y. 30 cases of infantile viral myocarditis treated by integrated Chinese and western drugs. *Journal of Practical Traditional Chinese Medicine* 2000;16(4):21. **33232**
- He, P. and Yang, S. Z. Clinical observation on the effect of Radix Astragali in the treatment of viral myocarditis complicated with ventricular premature beat and in the regulation of immunologic function. *Journal of Traditional Chinese Medicine and Chinese Materia Medica of Jilin* 1995;15(2):7-8. **33233**
- Li, Z. Y., Liu, B. G., and Liu, Y. M. Observation on viral myocarditis treated with Huangqi injection. *Chinese Journal of Information on Traditional Chinese Medicine* 1998;5(12):51. **33234**
- Liu, S. S. Study of adjunct treatment of Astragali membranaceus for viral myocarditis. *Clinical Focus* 1997;12(14):657-658. **33235**
- Ma, G. L., Wang, C. Y., and Diao, W. X. Clinical study on viral myocarditis treated with integrated Chinese and western medicine. *Acta Chinese Medicine and Pharmacology* 1998;26(1):9-10. **33236**
- Ren, W., Zhu, H. W., and Zhang, D. Y. Clinical observation on effect of Radix Astragali treating 66 patients with viral myocarditis complicated with cardiac dysfunction. *Chinese Journal of Critical Care Medicine* 1991;11(3):38-40. **90655**
- Cheng L, Zhang G, Zhou Y, Lu X, Zhang F, Ye H, Duan J. Systematic review and meta-analysis of 16 randomized clinical trials of radix astragali and its prescriptions for diabetic retinopathy. *Evid Based Complement Alternat Med.* 2013;2013:762783. [View abstract.](#) **90656**
- He H, Zhou X, Wang Q, Zhao Y. Does the couse of astragalus-containing Chinese herbal prescriptions and radiotherapy benefit to non-small-cell lung cancer treatment: a meta-analysis of randomized trials. *Evid Based Complement Alternat Med.* 2013;2013:426207. [View abstract.](#) **90657**
- Piao YL, Liang XC. Astragalus membranaceus injection combined with conventional treatment for viral myocarditis: a systematic review of randomized controlled trials. *Chin J Integr Med.* 2014 Oct;20(10):787-91. [View abstract.](#) **90658**
- Tong X, Xiao D, Yao F, Huang T. Astragalus membranaceus as a cause of increased CA19-9 and liver and kidney cysts: a case report. *J Clin Pharm Ther.* 2014 Oct;39(5):561-3. [View abstract.](#) **90659**
- Wang CC, Cheng KF, Lo WM, Law C, Li L, Leung PC, Chung TK, Haines CJ. A randomized, double-blind, multiple-dose escalation study of a Chinese herbal medicine preparation (Dang Gui Buxue Tang) for moderate to severe menopausal symptoms and quality of life in postmenopausal women. *Menopause.* 2013 Feb;20(2):223-31. [View abstract.](#) **90660**

Zhang HW, Lin ZX, Xu C, Leung C, Chan LS. Astragalus (a traditional Chinese medicine) for treating chronic kidney disease. *Cochrane Database Syst Rev*. 2014 Oct 22;10:CD008369. [View abstract](#).

**90662**

Zhu C, Cao H, Zhou X, Dong C, Luo J, Zhang C, Liu J, Ling Y. Meta-analysis of the clinical value of danshen injection and huangqi injection in liver cirrhosis. *Evid Based Complement Alternat Med*. 2013;2013:842824. [View abstract](#).

**90663**

Li X, Qu L, Dong Y, Han L, Liu E, Fang S, Zhang Y, Wang T. A review of recent research progress on the astragalus genus. *Molecules*. 2014 Nov 17;19(11):18850-80. [View abstract](#).

**93056**

Yu SY, Ouyang HT, Yang JY, et al. Subchronic toxicity studies of Radix Astragali extract in rats and dogs. *J Ethnopharmacol*. 2007 Mar 21;110(2):352-5. [View abstract](#).