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Research Papers by Year and Research Institutes  
(Only of the papers in Chinese only)

Year	Researcher(s)	Title	Institution	Source	Link	Download
1989	WC Xue, TF Liu	Clinical Experience in the Use of PSP	Cancer Hospital, Shanghai Medical University	-	-	<a href="#">res1989-01</a>
1989	QY Yang, SC Yong, XT Yang	The Physio-chemical Characteristics of the Polysaccharide-peptide (PSP of Coriolus Versicolor - Yun Zhi)	Shanghai Normal University	-	-	<a href="#">res1989-02</a>
1989	ZY Sun et al.	"The Preliminary Appraisal of Polysaccharide Peptide (PSP) in Malignant and Non-malignant Diseases"	Shanghai Medical University	-	-	<a href="#">res1989-03</a>
1989	RT Chen, AM Zhou, B Xu	Study on Antitumor Action of PSP	Department of Pharmacology I, Shanghai Institute of Materia Medica, Academia Sinica	-	-	<a href="#">res1989-04</a>
1989	LZ Xu	Comparison of Anti-cancer Effect between two kinds of Polysaccharide Peptide of Coriolus versicolor on Human Tumor Cell Lines in Vitro	Laboratory of Pathology, Cancer Institute, Shanghai Medical University	-	-	<a href="#">res1989-05</a>
1989	JX Zhou, XL Shen, ZM Shen, XY Li	Antitumor Effect of Polysaccharide Peptide of Coriolus versicolor (PSP) and its Mechanism	Department of Pharmacology I, Shanghai Institute of Materia Medica, Chinese Academy of Sciences	-	-	<a href="#">res1989-06</a>
1989	TF Liu, WC Xue	Clinical Implications of PSP in Oncology	Cancer Hospital, Shanghai Medical University	-	-	<a href="#">res1989-07</a>
1989	XY Li, JF Wang, et al.	Immunomodulating Actions of PSP	Shanghai Institute of Materia Medica, Chinese Academy of Sciences	-	-	<a href="#">res1989-08</a>
1993	JX Liu, JY Zhou et al.	Phase II Clinical Trial for PSP Capsules	Clinical Pharmacological Base, Shanghai Institute of Chinese Medicine of the Ministry of Public Health	-	-	<a href="#">res1993-01</a>
1993	XT Yang, Y Zhuang	The Electrophretical Analysis of the Components of Polysaccharide-peptide (PSP)	Shanghai Normal University	-	-	<a href="#">res1993-02</a>
1993	QY Yang, JN Fang, XP Qian, XT Yang, P Yuan, K Mi, HQ Feng	The Comparative Analysis of the Extracts of the Mycelia and the Fruitbodies of Yun Zhi (Coriolus versicolor)	Shanghai Normal University; Institute of Materia Medica, Academia Sinica	-	-	<a href="#">res1993-03</a>
1993	LZ Xu, J Han, G Chen	Anticancerous Effect of PSP Purified Products and KS-2 on Human Tumor Cell Lines in Vitro	Laboratory of Pathology, Cancer Institute, Shanghai Medical University	-	-	<a href="#">res1993-04</a>
1993	Mable MP Yang, ZN Chen, John SL Kwok, H Ge	The Antitumour Effect of Purified PSP Coriolus versicolor (PCV) In Vitro and Vivo	Department of Physiology, Faculty of Medicine, University of Hong Kong; Department of Pathology, Xijing Hospital Xian, China	-	-	<a href="#">res1993-05</a>
1993	ZB Qian, LF Zhou, ZD Zhang, B Xu, PJ Xin, LY Zhou, RT Chen, ZG Li	The Test of PSP on the Cause of the Abnormal Fetus in Two Generations of Rats	Department of Toxicology, Shanghai Institute of Labour Health and Occupational Diseases; Shanghai Institute of Materia Medica, Academia Sinica	-	-	<a href="#">res1993-06</a>
1993	ZD Zhang, ZB Qian, LF Zhou, B Xu	The Influence of PSP on the Behavior and Growth of the Fetus in Rats	Shanghai Institute of Materia Medica, Academia Sinica; Department of Toxicology, Shanghai Institute of Labour Health and Occupational Diseases	-	-	<a href="#">res1993-07</a>
1993	Research Institute of Fungi, Shanghai Normal University	PSP and PSK	Research Institute of Fungi, Shanghai Normal University	-	-	<a href="#">res1993-08</a>
1996	HX Wang, TB Ng, WK Liu, VE Ooi, ST Chang	Polysaccharide-peptide complexes from the cultured mycelia of the mushroom Coriolus versicolor and their culture medium activate mouse lymphocytes and	Department of Biology, Chinese University of Hong Kong	-	<a href="#">click</a>	<a href="#">res1996-01</a>

1996	XW Mao, JO Archambeau, DS Gridley	macrophages Immunotherapy with low-dose interleukin-2 and a polysaccharopeptide derived from <i>Coriolus versicolor</i>	Department of Radiation Medicine, Loma Linda University/Independent Order of Foresters Cancer Research Laboratory, USA	-	<a href="#">click</a> <a href="#">res1996-02</a>
1997	TB Ng, WY Chan	Polysaccharopeptide from the mushroom <i>Coriolus versicolor</i> possesses analgesic activity but does not produce adverse effects on female reproductive or embryonic development in mice	Departments of Biochemistry and Anatomy, Faculty of Medicine, Chinese University of Hong Kong	-	<a href="#">click</a> <a href="#">res1997-01</a>
1997	ZM Qian, MF Xu, PL Tang	Polysaccharide peptide (PSP) restores immunosuppression induced by cyclophosphamide in rats	Department of Applied Biology and Chemical Technology, Hong Kong Polytechnic University	-	<a href="#">click</a> <a href="#">res1997-02</a>
1997	RA Collins, TB Ng	Polysaccharopeptide from <i>Coriolus versicolor</i> has potential for use against human immunodeficiency virus type 1 infection	Department of Biochemistry, The Chinese University of Hong Kong	-	<a href="#">click</a> <a href="#">res1997-03</a>
1997	Y Dong, MM Yang, CY Kwan	In vitro inhibition of proliferation of HL-60 cells by tetrandrine and coriolus versicolor peptide derived from Chinese medicinal herbs	Department of Physiology, Faculty of Medicine, University of Hong Kong	-	<a href="#">click</a> <a href="#">res1997-04</a>
1998	D Wu, SN Han, RT Bronson, DE Smith, SN Meydani	Dietary supplementation with mushroom-derived protein-bound glucan does not enhance immune function in young and old mice	Nutritional Immunology Laboratory, Jean Mayer U.S. Department of Agriculture Human Nutrition Research Center on Aging at Tufts University, Boston, USA	-	<a href="#">click</a> <a href="#">res1998-01</a>
1998	TB Ng	A review of research on the protein-bound polysaccharide (polysaccharopeptide, PSP) from the mushroom <i>Coriolus versicolor</i> (Basidiomycetes: Polyporaceae)	Department of Biochemistry, Faculty of Medicine, Chinese University of Hong Kong	-	<a href="#">click</a> <a href="#">res1998-02</a>
1998	S Gong, HQ Zhang, WP Yin, QZ Yin, Y Zhang, ZL Gu, ZM Qian, PL Tang	Involvement of interleukin-2 in analgesia produced by <i>Coriolus versicolor</i> polysaccharide peptides	Laboratory of Neurobiology, Suzhou Medical College, China	-	<a href="#">click</a> <a href="#">res1998-03</a>
1999	HS Kim, S Kacew, BM Lee	In vitro chemopreventive effects of plant polysaccharides ( <i>Aloe barbadensis miller</i> , <i>Lentinus edodes</i> , <i>Ganoderma lucidum</i> and <i>Coriolus versicolor</i> )	Division of Toxicology, College of Pharmacy, Sungkyunkwan University, Korea	-	<a href="#">click</a> <a href="#">res1999-01</a>
2000	楊德華, 連朝暉, 金林	嬰幼兒反復呼吸道感染免疫功能檢測及雲芝糖肽作用探討	深圳市婦女兒童醫院兒科; 深圳市人民醫院傳染科	中國醫師	- <a href="#">res2000_02</a>
2000	宋子賢, 梁世文, 伍學泉, 劉學敏	雲芝糖肽膠囊治療慢性乙型肝炎臨床觀察	南地衛校附屬醫院	Guangxi Medical Journal	- <a href="#">res2000_03</a>
2000	VE Ooi, F Liu	Immunomodulation and anti-cancer activity of polysaccharide-protein complexes	Department of Biology, The Chinese University of Hong Kong	-	<a href="#">click</a> <a href="#">res2000-01</a>
2001	鍾蕙, 鄒菁, 張麗英	雲芝糖肽對胃癌治療患者作用的臨床觀察	上海中醫藥大學附屬曙光醫院腫瘤科	Liaoning Journal of Traditional Chinese Medicine	- <a href="#">res2001_03</a>
2001	TC Hsieh, JM Wu	Cell growth and gene modulatory activities of Yunzhi from mushroom <i>Trametes versicolor</i> in androgen-dependent and androgen-insensitive human prostate cancer cells	Department of Biochemistry and Molecular Biology, New York Medical College, USA	-	<a href="#">click</a> <a href="#">res2001-01</a>
2001	XW Mao, LM Green, DS Gridley	Evaluation of polysaccharopeptide effects against C6 glioma in combination with radiation	Department of Radiation Medicine (Radiobiology Program), Loma Linda University and Medical Center, USA	-	<a href="#">click</a> <a href="#">res2001-02</a>
2002	殷偉平, 龔珊, 蔣星紅, 顧振翰	Analgesic Effect of Yunzhi Polysaccharopeptide and Preliminary Analysis of Its Mechanism	Laboratory of Neurobiology, Medical School, Suzhou University; Suzhou Institute of Chinese Materia Medica	Chinese Traditional Patent Medicine	- <a href="#">res2002_05</a>
2002	劉福文, 李建陽, 盧福元, 肇安	雲芝糖肽治療乙型肝炎病毒性肝炎33例	四川省蓬安縣人民醫院	浙江中西醫結合雜誌	- <a href="#">res2002_06</a>
2002	LC Song, HS Chen, N Lou, C Song, J Zeng, TH Fu	Effects of <i>Coriolus versicolor</i> polysaccharide B on monocyte chemoattractant protein 1 gene expression in rat	Laboratory for Molecular Pharmacology, Department of Hygiene, First Military Medical University, Guangzhou, China	-	<a href="#">click</a> <a href="#">res2002-01</a>
2002	TC Hsieh, J Kunicki, Z Darzynkiewicz, JM Wu	Effects of extracts of <i>Coriolus versicolor</i> on cell-cycle progression and expression of interleukins-1 beta, -6, and -8 in promyelocytic HL-60 leukemic cells and mitogenically stimulated and	Department of Biochemistry and Molecular Biology, New York Medical College, USA	-	<a href="#">click</a> <a href="#">res2002-02</a>

2002	JL Mau, HC Lin, CC Chen	nonstimulated human lymphocytes Antioxidant properties of several medicinal mushrooms	Department of Food Science, National Chung-Hsing University, Taiwan	-	<a href="#">click</a> <a href="#">res2002-03</a>
2002	KK Chu, SS Ho, AH Chow	Coriolus versicolor: a medicinal mushroom with promising immunotherapeutic values	School of Pharmacy, Faculty of Medicine, Chinese University of Hong Kong	-	<a href="#">click</a> <a href="#">res2002-04</a>
2003	鄒巧根, 朱玲, 王偉, 相秉仁	雲芝糖肽的研究進展	南京中國藥科大學分析測試中心; 鄭州大學藥學院	Chinese Traditional Patent Medicine	- <a href="#">res2003_04</a>
2003	KW Tsang, CL Lam, C Yan, JC Mak, GC Ooi, JC HO, B Lam, R Man, JS Sham, WK Lam	Coriolus versicolor polysaccharide peptide slows progression of advanced non-small cell lung cancer	Department of Medicine, The University of Hong Kong; Queen Mary Hospital, Hong Kong	-	<a href="#">click</a> <a href="#">res2003-01</a>
2003	JA Monro	Treatment of cancer with mushroom products	Breakspear Hospital, Hemel Hempstead, Herts, United Kingdom	-	<a href="#">click</a> <a href="#">res2003-02</a>
2003	J Cui, Y Chisti	Polysaccharopeptides of Coriolus versicolor: physiological activity, uses, and production	Institute of Technology and Engineering, Massey University, New Zealand	-	<a href="#">click</a> <a href="#">res2003-03</a>
2004	鄒巧根, 王偉, 宋喆, 相秉仁	Research on the Structure and the Composition of Polystictus Proteoglycan	Center of Analysis, China Pharmaceutical University, Nanjing, China	Journal of China Pharmaceutical University	- <a href="#">res2004_05</a>
2004	張玉英, 龔珊, 張惠琴	雲芝糖肽的鎮痛抗炎作用的實驗研究	蘇州大學醫學院生理學教研室; 蘇州大學醫學院病原生物學教研室	Suzhou University Journal of Medical Science	- <a href="#">res2004_06</a>
2004	CK Wong, PS Tse, EL Wong, PC Leung, KP Fung, CW Leung	Immunomodulatory effects of yun zhi and danshen capsules in health subjects--a randomized, double-blind, placebo-controlled, crossover study	Department of Chemical Pathology, The Chinese University of Hong Kong; Prince of Wales Hospital, Hong Kong	-	<a href="#">click</a> <a href="#">res2004-01</a>
2004	CY Ho, CB Lau, CF Kim, KN Leung, KP Fung, TF Tse, HH Chan, MS Chow	Differential effect of Coriolus versicolor (Yunzhi) extract on cytokine production by murine lymphocytes in vitro	School of Pharmacy, The Chinese University of Hong Kong	-	<a href="#">click</a> <a href="#">res2004-02</a>
2004	JC Ho, MA Konerding, A Gaumann, M Groth, WK Liu	Fungal polysaccharopeptide inhibits tumor angiogenesis and tumor growth in mice	Department of Anatomy, Faculty of Medicine, The Chinese University of Hong Kong	-	<a href="#">click</a> <a href="#">res2004-03</a>
2004	CB Lau, CY Ho, CF Kim, KN Leung, KP Fung, TF Tse, HH Chan, MS Chow	Cytotoxic activities of Coriolus versicolor (Yunzhi) extract on human leukemia and lymphoma cells by induction of apoptosis	School of Pharmacy, The Chinese University of Hong Kong	-	<a href="#">click</a> <a href="#">res2004-04</a>
2005	CK Wong, YX Bao, EL Wong, PC Leung, KP Fung, CW Lam	Immunomodulatory activities of Yunzhi and Danshen in post-treatment breast cancer patients	Department of Chemical Pathology, The Chinese University of Hong Kong; Prince of Wales Hospital, Hong Kong	-	<a href="#">click</a> <a href="#">res2005-01</a>
2005	F Zeng, CC Hon, WH Sit, KY Chow, RK Hui, IK Law, VW Ng, XT Yang, FC Leung, JM Wan	Molecular characterization of Coriolus versicolor PSP-induced apoptosis in human promyelotic leukemic HL-60 cells using cDNA microarray	Department of Zoology, The University of Hong Kong	-	<a href="#">click</a> <a href="#">res2005-02</a>
2005	KP Hui, WH Sit, JM Wan	Induction of S phase cell arrest and caspase activation by polysaccharide peptide isolated from Coriolus versicolor enhanced the cell cycle dependent activity and apoptotic cell death of doxorubicin and etoposide, but not cytarabine in HL-60 cells	Department of Zoology, The University of Hong Kong	-	<a href="#">click</a> <a href="#">res2005-03</a>
2005	X Yang, WH Sit, DK Chan, JM Wan	The cell death process of the anticancer agent polysaccharide-peptide (PSP) in human promyelocytic leukemic HL-60 cells	Department of Zoology, The University of Hong Kong	-	<a href="#">click</a> <a href="#">res2005-04</a>
2005	CY Ho, CF Kim, KN Leung, KP Fung, TF Tse, H Chan, CB Lau	Differential anti-tumor activity of coriolus versicolor (Yunzhi) extract through p53- and/or Bcl-2-dependent apoptotic pathway in human breast cancer cells	School of Pharmacy, The Chinese University of Hong Kong	-	<a href="#">click</a> <a href="#">res2005-05</a>
2005	M Coles, B Toth	Lack of prevention of large intestinal cancer by VPS, an extract of Coriolus versicolor mushroom	Eppley Institute, University of Nebraska Medical Center, Omaha, NE 68198, USA	-	<a href="#">click</a> <a href="#">res2005-06</a>
2006	SL Chan, JH Yeung	Effects of polysaccharide peptide (PSP) from Coriolus versicolor on the pharmacokinetics of cyclophosphamide in the rat and cytotoxicity in HepG2 cells	Department of Pharmacology, Faculty of Medicine, The Chinese University of Hong Kong	-	<a href="#">click</a> <a href="#">res2006-01</a>

2006	Tze-chen Hsieh, Peili Wu, Spencer Park and Joseph M Wu	"Induction of cell cycle changes and modulation of apoptogenic/anti-apoptotic and extracellular signaling regulatory protein expression by water extracts of polysaccharide peptide (PSP)"	Department of Biochemistry & Molecular Biology, New York Medical College	-	<a href="#">click</a> <a href="#">res2006-02</a>
2007	李麗美, 楊曉彤, 糜可, 楊慶堯	Fas在雲芝糖肽誘導HL-60細胞凋亡中的作用	上海師範大學生命與環境科學學院微生物與免疫學研究所; 上海楊楊百草研究所	Journal of Shanghai Normal University (Natural Sciences)	- <a href="#">res2007_01</a>

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