

	CP FLOS LONICERAE JP LONICERAE FLOS KP LONICERAE FLOS	O Chlorogenic acid * 1.5% X X	HPLC (ODS column)	acetonitrile / 0.4% phosphoric acid solution (13 : 87)	UV 327 nm
26	<i>Magnolia officinalis</i> Rehder et Wilson var. <i>biloba</i> Rehder et Wilson (コウホホク) CP CORTEX MAGNOLIAE OFFICINALIS JP CORTEX MAGNOLIAE OFFICINALIS KP CORTEX MAGNOLIAE OFFICINALIS JP MAGNOLIAE CORTEX KP MAGNOLIAE CORTEX	O Magnoliol + Honokiol * 2.0% O Magnoliol † 0.8% O Magnoliol * 0.8%	HPLC (ODS column) HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm) HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm)	methanol / water (78 : 22) 1) water / acetonitrile / acetic acid (50 : 50 : 1) 2) 20' 3) adjust flow rate to elute magnoliol at ca. 10 min 1) water / acetonitrile / acetic acid (50 : 50 : 1) 2) 20' 3) adjust flow rate to elute magnoliol at ca. 10 min	UV 294 nm UV 289 nm UV 289 nm
27	<i>Morus alba</i> Linne (シロハクビ) CP CORTEX MORI JP MORI CORTEX KP MORI CORTEX RADICIS	X X X			
28	<i>Myristica fragrans</i> Houttuyn (ニクスケ、黒外) CP SEMEN MYRISTICAE JP MYRISTICAE SEMEN KP MYRISTICAE SEMEN	O Essential oil content * 6.0% O Essential oil content † 0.5 mL/50g O Essential oil content * 0.5 mL/50g			
29	<i>Nelumbo nucifera</i> Gaertner (レンニク、黒外) CP SEMEN NELUMBINIS JP NELUMBIS SEMEN KP NELUMBINIS SEMEN	X X X			
30	<i>Paeonia lactiflora</i> Pallas (シヤウヤク) CP RADIX PAEONIAE ALBA JP PAEONIAE RADIX KP PAEONIAE RADIX	Paeoniflorn * 0.8% Paeoniflorn † 2.0% Paeoniflorn * 2.0%	HPLC (ODS column) HPLC (ODS column, I.D. 4-6 mm x 15 cm, 5 µm) HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm)	methanol / 0.05 mol/L potassium dihydrogen phosphate / acetic acid / isopropanol (67 : 173 : 4 : 4) 1) water / acetonitrile / phosphonic acid (850 : 150 : 1) 2) 20' 3) adjust flow rate to elute paeoniflorn at ca. 10 min 1) water / acetonitrile (4 : 1) 2) 20' 3) adjust flow rate to elute paeoniflorn at ca. 10 min	UV 230 nm UV 232 nm UV 230 nm
31	<i>Paeonia suffruticosa</i> Andrews (ボタンビ) CP CORTEX MOUTAN JP MOUTAN CORTEX KP MOUTAN CORTEX RADICIS	O Paeonol * 1.2% O Paeonol † 1.0% O Paeonol † 1.0%	Absorption HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm) HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm)	water 1) water / acetonitrile / acetic acid (100) (65 : 35 : 2) 2) 20' 3) adjust flow rate to elute paeonol at ca. 14 min 1) water / acetonitrile / acetic acid (100) (65 : 35 : 2) 2) 20' 3) adjust flow rate to elute paeonol at ca. 14 min	UV 274 nm UV 274 nm UV 274 nm
32	<i>Panax ginseng</i> C. A. Meyer (ニンジン) CP RADIX GINSENG JP GINSENG RADIX KP GINSENG RADIX ALBA	O Ginsenoside Rg1 + Rg * 0.25% X X	HPLC (ODS column)	acetonitrile / 0.05% phosphoric acid solution (99 : 400)	UV 203 nm
33	<i>Platycodon grandiflorum</i> A. De Candolle (キキョウ) CP RADIX PLATYCODI JP PLATYCODI RADIX KP PLATYCODI RADIX	O Total Saponin * 6.0% X X	Dry weight		
34	<i>Pogostemon cablin</i> Benthaim (カッコウ、黒外) CP HERBA POGOSTEMONIS JP POGOSTEMONI HERBA KP POGOSTEMONIS HERBA	X O Essential oil content † 0.3 mL/50g O Essential oil content * 0.3 mL/50g			
35	<i>Polygonatum sibiricum</i> Redoute (オウセイ、黒外) CP RHIZOMA POLYGONATI JP POLYGONATI RHIZOMA KP POLYGONATI RHIZOMA	X X X			
36	<i>Polyporus umbellatus</i> Fries (ショレイ) CP POLYPORUS JP POLYPORUS KP POLYPORUS	X X X			
37	<i>Poria cocos</i> Wolf (ブクリョウ) CP PORIA JP PORIA	X X			

38	<p>KP HOELEN X</p> <p>Prunus armeniaca Linne, Prunus armeniaca Linne var. ansu Maximowicz (キョウニン)</p> <p>CP SEMEN ARNIACAE AMARUM O Amygdalin * 3.0%</p> <p>JP ARNIACAE SEMEN X O Amygdalin * 3.0%</p> <p>KP ARNIACAE SEMEN</p>	Titration			
39	<p>Prunus persica Batsch, P. davidiana (トウニン)</p> <p>CP SEMEN PERSICAE X JP PERSICAE SEMEN X KP PERSICAE SEMEN</p> <p>O Amygdalin † 0.5%</p>	HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm)	1) methanol / water (20 : 80) 2) 20 3) 1.0 mL/min	UV 214 nm	
40	<p>Rheum palmatum Linne (ダイオウ)</p> <p>CP RADIX ET RHIZOMA RHEI X JP RHEI RHIZOMA X KP RHEI RHIZOMA X</p> <p>O Emodin + Chrysophanol * 0.5%</p> <p>O Sennoside A † 0.25%</p>	HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm)	1) methanol / water (20 : 80) 2) 20 3) 1.0 mL/min	UV 214 nm	
41	<p>Schisandra chinensis Baillon (ゴジシ)</p> <p>CP FRUCTUS SCHISANDRAE CHINENSIS X JP SCHISANDRAE FRUCTUS X KP SCHISANDRAE FRUCTUS X</p> <p>O Schizandrin * 0.4%</p>	HPLC (ODS column)	methanol / water (65 : 35)	UV 250 nm	
42	<p>Scutellaria baicalensis Georgi (オウゴン)</p> <p>CP RADIX SCUTELLARIAE X JP SCUTELLARIAE RADIX X KP SCUTELLARIAE RADIX X</p> <p>O Baicalin * 9.0%</p> <p>O Baicalin † 10.0%</p> <p>O Baicalin * 10.0%</p>	HPLC (ODS column) HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm) HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm)	methanol / water / phosphoric acid (47 : 53 : 0.2) 1) dilute phosphoric acid (1 in 146) / acetonitrile (18 : 7) 2) 50' 3) adjust flow rate to elute baicalin at ca. 6 min 1) dilute phosphoric acid (1 in 146) / acetonitrile (18 : 7) 2) 50' 3) adjust flow rate to elute baicalin at ca. 6 min	UV 280 nm UV 277 nm UV 277 nm	
43	<p>Strychnos nux-vomica Linne (ホトマカ)</p> <p>CP SEMEN STRYCHNI X JP STRYCHNI SEMEN X KP STRYCHNI SEMEN X</p> <p>O Strychnine 1.2-2.2%</p> <p>O Strychnine * 1.07%</p> <p>O Strychnine * 1.05%</p>	HPLC (Silica gel column) HPLC (ODS column, I.D. ca. 4 mm x ca. 15 cm, 5-10 µm) HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm)	n-hexane / methylenechloride / methanol / concentrated ammonia TS (42.5 : 42.5 : 5 : 0.35) 1) 6.8 g of monobasic potassium phosphate in water to 1000 mL / acetonitrile / triethylamine (45 : 5 : 1), adjust to a pH of 3.0 2) room temperature 3) adjust flow rate to elute strychnine at ca. 17 min 1) 6.8 g of monobasic potassium phosphate in water to 1000 mL / acetonitrile / triethylamine (45 : 5 : 1), adjust to a pH of 3.0 2) room temperature 3) adjust flow rate to elute strychnine at ca. 17 min	UV 254 nm UV 210 nm UV 210 nm	
44	<p>Trichosanthes kirilowii Maximowicz (カロコソソ)</p> <p>CP RADIX TRICHOSANTHIS X JP TRICHOSANTHIS RADIX X KP TRICHOSANTHIS RADIX X</p>				
45	<p>Trichosanthes kirilowii Maximowicz (カロコソソ、国外)</p> <p>CP SEMEN TRICHOSANTHIS X JP TRICHOSANTHIS SEMEN X KP TRICHOSANTHIS SEMEN X</p>				
46	<p>Zingiber officinale Roscoe (ショウキョウ)</p> <p>CP RHIZOMA ZINGIBERIS RECENS X JP ZINGIBERIS RHIZOMA X KP ZINGIBERIS RHIZOMA X</p> <p>O 6-Gingerol * 0.4%</p>	HPLC (ODS column, I.D. 4-6 mm x 15-25 cm, 5-10 µm)	1) acetonitrile / water (45 : 55) 2) 20 3) adjust flow rate to elute 6-gingerol at ca. 7 min	UV 280 nm	
47	<p>Zizyphus jujuba Miller var. spinosa (Bunge) Hu ex H. F. Chou (サンゾクニン、国外)</p> <p>CP SEMEN ZIZYPHI SPINOSAE X JP ZIZYPHI SEMEN X KP ZIZYPHI SEMEN X</p>				
48	<p>Coix lacryma-jobi Lime var. ma-yuen Stapf (ヨクイニン)</p> <p>CP SEMEN COICIS X JP COICIS SEMEN X KP COICIS SEMEN X</p>				
49	<p>Imperata cylindrica Beauvois (ホトケソソ)</p> <p>CP RHIZOMA IMPERATAE X</p>				

	JP IMPERATA RHIZOMA	X							
	KP IMPERATAE RHIZOMA	X							
50	<i>Mentha arvensis</i> Linne var. <i>piperascens</i> Malinvaud (ハッカ)								
	CP HERBA MENTHAE								
	JP MENTHAE HERBA								
	KP MENTHAE HERBA								
51	<i>Prunella vulgaris</i> Linne var. <i>illicina</i> Nakai (カゴツク)								
	CP SPICA PRUNELLAE								
	JP PRUNELLAE SPICA	X							
	KP PRUNELLAE SPICA	X							
52	<i>Zizyphus jujuba</i> Miller var. <i>inermis</i> Rehder (タイソウ)								
	CP FRUCTUS JUJURAE	X							
	JP ZIZYPHI FRUCTUS	X							
	KP ZIZYPHI FRUCTUS	X							
53	<i>Arisaema erubescens</i> Schott, A. <i>heterophyllum</i> Blume, A. <i>amurense</i> Maximowicz (テンナンショウ、馬兜)								
	CP RHIZOMA ARISAEMATIS	X							
*	JP ARISAEMATIS TUBER	X							
	KP ARISAEMATIS RHIZOMA	X							
54	<i>Cassia obtusifolia</i> Linne, C. <i>tora</i> Linne (ケツメイシ)								
	CP SEMEN CASSIAE	X							
	JP CASSIAE SEMEN	X							
	KP CASSIAE SEMEN	X							
55	<i>Gentiana scabra</i> Bunge (ジュウタン)								
	CP RADIX GENTIANAE								
	JP GENTIANAE SCABRAE RADIX	X							
	KP GENTIANAE SCABRAE RADIX	X							
56	<i>Lycium barbarum</i> Linne, L. <i>chinense</i> Miller (クコシ)								
	CP FRUCTUS LYCII	X							
	JP LYCII FRUCTUS	X							
	KP LYCII FRUCTUS								
	O Betain * 0.5%								
57	<i>Phellodendron amurense</i> Ruprecht, P. <i>chinense</i> Schneider (オウバク)								
	CP CORTEX PHELLODENDRI	X							
	JP PHELLODENDRI CORTEX								
	KP PHELLODENDRI CORTEX								
	O Berberine † 1.2%								
	O Berberine * 0.6%								
58	<i>Plantago asiatica</i> Linne (シナセンジ)								
	CP SEMEN PLANTAGINIS	X							
	JP PLANTAGINIS SEMEN	X							
	KP PLANTAGINIS SEMEN	X							
59	<i>Polygala tenuifolia</i> Willdenow (オウジ)								
	CP RADIX POLYGALAE	X							
	JP POLYGALAE RADIX	X							
	KP POLYGALAE RADIX	X							
60	<i>Pueraria lobata</i> Ohwi (カウコン)								
	CP RADIX PUERARIAE								
	O Puerarin * 2.4% (HPLC)								
	O Puerarin † 2.0% (HPLC)								
	O Puerarin * 2.0% (HPLC)								
61	<i>Rehmannia glutinosa</i> Liboschitz (ショウオウ)								
	CP RADIX REHMANIAE	X							
	JP REHMANIAE RADIX	X							
	KP REHMANIAE RADIX	X							
62	<i>Scrophularia ningpoensis</i> Hemsley, S. <i>buergariana</i> Miquel (ゲンジブ、馬兜)								

	CP RADIX SCROPHULARIAE	X							
	JP SCROPHULARIAE RADIX	X							
	KP SCROPHULARIAE RADIX	X							
63	<i>Geranium thunbergii</i> Sibold et Zuccarini (サンショウコ)								
	JP GERANI HERBA	X							
	KP GERANI HERBA	X							
64	<i>Curcuma zedoaria</i> Roscoe (ガジュツ)								
	JP ZEDOARIAE RHIZOMA		O Essential oil content ↑ 0.5 mL/50g						
	KP ZEDOARIAE RHIZOMA		O Essential oil content ↑ 0.5 mL/50g						
65	<i>Aconitum carmichaeli</i> Debeaux (フシ)								
	CP RADIX ACONITILATERALIS PREPARATA	X							
	JP PROCESSI ACONITIS RADIX		O Total Alkaloids 0.7~1.5% (Type 1), 0.1~0.6% (Type 2), 0.5~0.9%		Titration				
	KP ACONITILATERALIS RADIX PREPARATA	X							
66	<i>Epimedium koreanum</i> Nakai (インヨウカク)								
	CP HERBA EPIMEDII		O Ichnine * 5.0%		HPLC (ODS column)		acetonitrile / water (30 : 70)		UV 270 nm
	JP EPIMEDII HERBA	X							
	KP EPIMEDII HERBA	X							
67	<i>Piper nigrum</i> Linne (コショウ)								
	CP FRUCTUS PIPERIS	X							
	KP PIPERIS NIGRI FRUCTUS	X							
68	<i>Salvia miltiorrhiza</i> Bunge (タンジシ)								
	CP RADIX SALVAE MULTIORRHIZAE		O Fanshinone IIA * 0.2% (HPLC)		HPLC (ODS column)		methanol / water (1.5 : 5)		UV 270 nm
	KP SALVAE MULTIORRHIZAE RADIX	X							
69	<i>Crataegus pinnatifida</i> Bunge var. <i>typica</i> Schneider (サンザシ, 除外)								
	CP FRUCTUS CRATAEGI		O Citric acid * 4.0%		Titration				
*	JP CRATAEGI FRUCTUS	X							
	KP CRATAEGI FRUCTUS	X							
70	<i>Areca catechu</i> Linne (ピンコウジ)								
	CP SEMEN ARECAE		O Arecoline * 0.3%		Titration				
	JP ARECAE SEMEN	X							
	KP ARECAE SEMEN	X							
71	<i>Lithospermum erythrorhizon</i> Siebold et Zuccarini (シコン)								
	CP RADIX ARMBIAE, RADIX LITHOSPERMI		O L-shikimic * 0.8%		Absorption		ethanol		UV 516 nm
	JP LITHOSPERMI RADIX	X							
	KP LITHOSPERMI RADIX	X							
72	<i>Cassia angustifolia</i> Vahl, <i>C. acutifolia</i> Delle (センナ)								
	CP FOLIUM SENNAE		O Sennoside B * 2.5%		Absorption		0.5% magnesium acetate in methanol		UV 515 nm
	JP SENNAE FOLIUM		O Total Sennosides (sennoside A and sennoside B) ↑ 1.0%		HPLC (ODS column, I.D. 4.6 mm x 15 cm, 5 µm)		1) 2.45 g of tetra-n-heptylammonium bromide in 1000 mL of a mixture of dilute 1 mol/L acetic acid-sodium acetate buffer pH 5.0 (1 in 10) / acetonitrile (17 : 8) 2) 50' 3) adjust flow rate to elute sennoside A at ca. 26 min		UV 340 nm
	KP SENNAE FOLIUM		O Total Sennosides (sennoside A and sennoside B) * 1.0%		HPLC (ODS column, I.D. 4.6 mm x 15.25 cm, 5-10 µm)		1) 2.45 g of tetra-n-heptylammonium bromide in 1000 mL of a mixture of dilute 1 mol/L acetic acid-sodium acetate buffer pH 5.0 (1 in 10) / acetonitrile (17 : 8) 2) 50' 3) adjust flow rate to elute sennoside A at ca. 26 min		UV 340 nm
73	<i>Crocus sativus</i> Linne (サフラン)								
	CP STIGMA CROCI	X			Absorption		0.098 g of carbazochrome sodium sulfonate in water to 100 mL		UV 438 nm
	JP CROCUS		O Crocin (Content of active principle)						
	KP CROCUS	X							
74	<i>Dioscorea batatas</i> Decaisne (サンヤク)								
	CP RHIZOMA DIOSCOREAE	X							
	JP DIOSCOREAE RHIZOMA	X							
	KP DIOSCOREAE RHIZOMA	X							
75	<i>Eugenia caryophyllata</i> (ショウジ)								
	CP FLOS CARYOPHYLLI		O Eugenol * 11.0% (GC)		(GC)		10%, polystyrene, 0.1 µl, 20M		
	JP CARYOPHYLLI FLOS		O Essential oil content ↑ 1.6 mL/50g						
	KP SYZYGII FLOS		O Essential oil content * 1.6 ml/10g						

76	<i>Pharbitis nil</i> Choisy (ケンゴシ)	X								
	CP SEMEN PHARBITIDIS	X								
	JP PHARBITIDIS SEMEN	X								
	KP PHARBITIDIS SEMEN	X								
77	<i>Saposhnikovia divaricata</i> Schislin (ボウワク)									
	CP RADIX SAPOSHNIKOVIAE									UV 254 nm
	JP SAPOSHNIKOVIAE RADIX	X								
	KP SAPOSHNIKOVIAE RADIX	X								
78	<i>Sophora flavescens</i> Aiton (クワジ)									
	CP RADIX SOPHORAE FLAVESCENS									
	JP SOPHORAE RADIX	X								
	KP SOPHORAE RADIX	X								
79	<i>Sophora japonica</i> Linne (カキカ、島外)									
	CP FLOS SOPHORAE	X								
*	JP SOPHORAE FLOS	X								
	KP SOPHORAE FLOS	X								
80	<i>Perilla frutescens</i> Britton var. <i>acuta</i> Kudo (シソ、島外)									
	CP FRUCTUS PERILLAE	X								
*	JP PERILLAE FRUCTUS	X								
81	<i>Aloe ferox</i> Miller (アロエ)									
	CP ALOE									
	JP ALOE									
82	<i>Alpinia officinarum</i> Hance (リョウキョウ)									
	CP RHIZOMA ALPINAIE OFFICINARUM	X								
	JP ALPINAIE OFFICINARI RHIZOMA	X								
83	<i>Angelica pubescens</i> Maximowicz (トウモロコシ、島外)									
	CP RADIX ANGELICAE PUBESCENS	X								
*	JP ANGELICAE PUBESCENS RADIX	X								
84	<i>Arctium lappa</i> Linne (ゴボウ)									
	CP FRUCTUS ARCTII	X								
	JP ARCTII FRUCTUS	X								
85	<i>Areca catechu</i> Linne (ダイオウ、島外)									
	CP PERICARPIMUM ARECAE	X								
*	JP ARECAE PERICARPIMUM	X								
86	<i>Aster tataricus</i> Linne fil. (シオン、島外)									
	CP RADIX ASTERIS	X								
*	JP ASTERIS RADIX	X								
87	<i>Saussurea lappa</i> Clarke (モッコク)									
	CP RADIX AUCLANDIAE	X								
	JP SAUSSUREAE RADIX	X								
88	<i>Chrysanthemum indicum</i> Linne (キク)									
	CP FLOS CHRYSANTHEMI INDICI	X								
	JP CHRYSANTHEMI FLOS	X								
89	<i>Citrus aurantium</i> Linne (キジツ)									
	CP FRUCTUS AURANTII IMMATURUS	X								
	JP AURANTII FRUCTUS IMMATURUS	X								
90	<i>Clematis chinensis</i> Osbeck, <i>C. hexapetala</i> Pallas (イレイセン)									
	CP RADIX CLEMATIDIS	X								
	JP CLEMATIDIS RADIX	X								
91	<i>Cnidium monnieri</i> Cusson (ジャコウシ)									
	CP FRUCTUS CNIDI	X								
	JP FRUCTUS CNIDI	X								

	JP. CNIDI MONNIERIS FRUCTUS	X					
92	<i>Curcuma longa</i> Linne (ウコン)						
	CP RHIZOMA CURCUMAE LONGAE	X					
	JP CURCUMAE RHIZOMA	X					
	KP CURCUMAE LONGAE RADIX	X					
93	<i>Diospyros kaki</i> Thunberg (シナモイ、黒外)						
	CP CALYX KAKI	X					
*	JP KAKI CALYX	X					
94	<i>Eriobotrya japonica</i> Lindley (ビロウウ)						
	CP FOLIUM ERIBOTRYAE	X					
	JP ERIBOTRYAE FOLIUM	X					
95	<i>Houttuynia cordata</i> Thunberg (シュウヤク)						
	CP HERBA HOUTTUYNIAE	X					
	JP HOUTTUYNIAE HERBA	X					
96	<i>Lindera aggregata</i> (Sims) Kosterm. (ウヤク)						
	CP RADIX LINDERAE	X					
	JP LINDERAE RADIX	X					
97	<i>Lycium chinense</i> Miller (シヨウゴト)						
	CP CORTEX LYCII	X					
	JP LYCII CORTEX	X					
98	<i>Notopterygium incisum</i> Ting ex H. T. Chang, N. forbesii Boissieu (キョウカク)						
	CP RHIZOMA ET RADIX NOTOPTERYGI	X					
	JP NOTOPTERYGI RHIZOMA	X					
99	<i>Peucedanum praeruptorum</i> Dunn, P. decursivum Maxim. (ゼンコ、黒外)						
	CP RADIX PEUCEDANI	X					
*	JP PEUCEDANI RADIX	X					
100	<i>Prunus mume</i> Siebold et Zuccarni (ウバイ、黒外)						
	CP FRUCTUS MUME	X					
*	JP MUME FRUCTUS	X					
101	<i>Smilax glabra</i> Roxburgh (サンキライ)						
	CP RHIZOMA SMILACIS GLABRAE	X					
	JP SMILACIS RHIZOMA	X					
102	<i>Terminalia chebula</i> Retzius (カシ、黒外)						
	CP FRUCTUS CHERULAE	X					
*	JP CHERULAE FRUCTUS	X					
103	<i>Tribulus terrestris</i> Linne (シツリシ)						
	CP FRUCTUS TRIBULI	X					
	JP TRIBULI FRUCTUS	X					
104	<i>Vitex trifolia</i> Linne (マンケイシ、黒外)						
	CP FRUCTUS VITICIS	X					
*	JP VITICIS FRUCTUS	X					

* Registered in the Japanese Herbal Medicine Codex (JHMC) 1989.

研究成果の刊行に関する一覧表

雑誌

発表者氏名	タイトル名	発表誌名	巻、号	ページ	出版年
合田幸広	生薬・漢方製剤に関する最近の話題	防菌・防黴	32(8)	387-391	2004
合田幸広・糸数七重	一般用漢方処方に見直しに資するための有用性評価手法の検討	東洋医学雑誌	accepted		2005