

Recent Literatures on Ginseng(1960~1970)

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TABLE I. Number of articles published in each country(1960~70).

Country	No. of articles	Author	No. of article
Bulgaria	7	Petkov, W.	7
Germany	6	Gstirner, F. <i>et al.</i>	3
		Hörhammer, L. <i>et al.</i>	1
		Th. Wagner-Jauregg, <i>et al.</i>	2
India	1	Banerjee, R.N.	1
Japan	33	Furuya, T. <i>et al.</i>	1
		Takahashi, M. <i>et al.</i>	6
		Kita, K. <i>et al.</i>	1
		Komatsu, M. <i>et al.</i>	1
		Kondo, N. <i>et al.</i>	3
		Oura, H.	1
		Shibata, S. <i>et al.</i>	20
		Korea	13
Kim, Y.E. <i>et al.</i>	4		
Woo, L.K. <i>et al.</i>	2		
Lee, Y.J. <i>et al.</i>	1		
Kim, H. Ch.	1		
Shin, K.K.	1		
Anonymous	3		
Russia	27	Brekhman, I.I. <i>et al.</i>	6
		Elyakov, G.B. <i>et al.</i>	7
		Ginevic, M.A. <i>et al.</i>	6
		Medvediv, M.A.	1
		Scicenkov, M.V.	1
		Slepyan, L.I.	1
		Turova, A.D.	1
		Grushvitzky, I.V.	1
		(Unkown)	3

Country	No. of articles	Author	No. of article
Swiss	10	Lüth, P.	3
		Schimert, G.	1
		Schwappach, A.J.	1
		Stengel, F. <i>et al.</i>	1
		Sternner, W.	3
		Anonymous	1
Sweden	1	Sandberg, F.	1
U.S.A.	14	Austin, O.S.	1
		Baranov, A.	1
		Garriques. S.	1
		Lass, W.E.	1
		Wood, W.B. <i>et al.</i>	1
		Schorger, A.W.	1
		Williams, L.O.	1
		Schulz, W.E.	1
		Llewelyn, W.	1
		Lucas, R.	1
		Pinkerton, K.	1
		Anonymous	3
		total	112

TABLE II. Number of articles published in each year.

Year	Name of country	Bul.	Ger.	Ind.	Jap.	Kor.	Rus.	Swi.	Swe.	U.S.A.	Total
1854										1	1
1947										1	1
1953										1	1
1958		1								1	2
1959		1									1
1960							1				1
1961		2	1		1						4
1962			1		4	1	1				7
1963			2		3	2	4				11
1964		1			3	4	3			2	13
1965					2	1	6	1			10
1966			1		7	1				2	11
1967		1	1		7	1	2				12
1968		1		1	2		4	4			12
1969					2	2	1			3	8
1970					2			4	1	1	8
(not known)						1	5	1		2	9
total		7	6	1	33	13	27	10	1	14	112

Abbreviations used

L: Language

O: Original copy.

F: Field of Study

X: Xerox copy.

S-2: Dr. Staba has two copies.

K-1: Kim has one copy.

German: G

Korean: K

Russian: R

English: E

Japanese: J

Swedish: S

E(t): translated into English from original language.

Pharmacology: Pcl

Tissue Culture: Tc

Taxonomy: Ta

Chemistry: Ch.

Cultivation: Cul

History: His

Review: Rev.

Panax ginseng C.A. Meyer: P.G

*Literature

Economy Botany: Econ. Bot.

Minnesota History: Mn. His.

Japanese Journal of Pharmacology: Jap. J. Ph'col.

Wisconsin Academy of Science, Arts and Letters: Wis. A. of Sci., Arts and L.

Journal of Pharmaceutical Society of Korea: J. Kor. Pharm. S.

Annual Review of Seoul National University, Institute of Natural Products: Ann. Rev. S.N.U. Nat. Prod.

Pharmazeutische Zeitung: Pharm. Zeit.

Physikalisch-Diatetisch Therapie: P.D. Th.

Deutsche-Apotheker Zeitung: D. Apo. Zeit.

Arzneimittel-Forschung: Arz. For.

Chemical and Pharmaceutical Bulletin: Chem. Pharm. Bull.

Yakujaku Zasshi: Y.Z.

Annual Report of Tohoku College of Pharmacy: Ar. Tc. Pharm.

Shoyakugaku Zasshi: S.Z.

Tetrahedron Letters: Tet. L.

Medicine, Science, and Service(India): Med. Sci. Ser.

Berichte der Akad. der Wissenschaften: Ber. Aka. Wiss.

Chemie der Naturstoffe: Ch. Nat.

Unterlagen zum Studium des Ginseng und Andere^s Fernöstlicher Arzneipflanzen: U.S.G.F.A.

Mitteilungen der Fernöstlichen Filiale der sibirischen Abt. der Akat der Wissenschaftender USSR: M.F.F.

Tr. Leningrad, Khim.-Farm. Inst.: Tr. L.

Medicinal plants of the USSR and their application: Med. P. USSR.

Bulletin of the Botanical Survey of India: Bull. Bot. Sur. India.

Särtryck ur Svensk farmaceutisk tidskrift: S.S. farm. tid.

Fortschritte der Medizin: Fort. Med.

BULGARIA

No.	Year	Authors	Titles	Ref.	Pages	L	F	O	X
1	1958	Petkov, W.	Pharmakologische Untersuchungen der Chinesischen Droge Ginseng (P.G.)	D. Apo. Zeit. 98(50)	1280-1281	G	Pcl		K-1
2	1959	same	Pharmakologische Untersuchungen der Droge P.G.	Arz. For. (5)	305-311	G	Pcl		K-1-S-1
3	1961	same	Über den Wirkungsmechanismus des P.G.	Arz. For. (3)	288-295	G	Pcl		K-1-S-1
4	1961	same	Über den Wirkungsmechanismus des P.G.	Arz. For. (4)	418-422	G	Pcl		K-1-S-1
5	1964	same	Über die Ginsengwirkung	P.D. Th. 5(3)	97-101	G	Pcl		K-1-S-1
6	1967	same	The effect of an extract of Ginseng on the adrenal cortex	P.D. Th. 5(3)	70-72	E	Pcl		K-1-S-1
7	1968	same	Panax Ginseng-ein Reaktivitätsregler	Pharm. Zeit. 31(1)	1280-1281	G	Pcl		K-1-S-1

GERMANY

1-1	1963	Gstirner, F. <i>et al.</i>	Über Inhaltsstoffe der weißen koreanischen Ginseng-Droge	Arch. Pharm. 296(6)	384-389	G	Ch	K-1	S-1
1-2	1963	same	same	same	same	E(t)	Ch		K-1-S-1
2	1966	same	Über Peptide im weißen koreanischen G.	Arch. Pharm. 299 (11)	936-944	G	Ch	K-1-S-1	
3	1967	same	Vergleichende chemische Untersuchungen an Ginseng Drogen	Arch. Pharm. 300 (4)	371-384	G	Ch	K-1-S-1	
4	1961	Hörhammer, L. <i>et al.</i>	Zur Kenntnis der Inhaltsstoffe von Radix P.G.	Pharm. Zeit. 106 (42)	1307-1311	G	Ch	K-1	S-1
5-1	1962	Th. Wagner-Jauregg <i>et al.</i>	Über Panaxol, einen neuen Inhaltsstoff "roter" Ginsengwurzeln	P.A. Helv. 37	352-359	G	Ch	K-1-S-1	
5-2	1962	same	same	same	same	E(t)	Ch		S-1
6-1	1963	same	Über das aus Ginseng Wurzeln isolierte Sapogenin Panaxol bzw. bzw. Panaxadiol	P.A. Helv. 37	125-126	G	Ch	K-1	
6-2	1963	same	same	same	same	E(t)	Ch		S-1

INDIA

No. Year	Authors	Titles	Ref.	Pages	L	F	O	X
1 1968	Banerjee, R.N.	A taxonomic revision of Indian Panax Linn. (Araliaceae).	Bull. Bot. Sur. India 10 (1)	20-27	E	Tax	K-1	S-1

JAPAN

1 1970	Furuya, T. <i>et al.</i>	Isolation of panaxatriol from P.G. callus	Chem. Pharm. Bull. 18(11)	2371-2372	E	TC	K-1	S-1·K-1
2 1961	Takahashi, M. <i>et al.</i>	Studies on the components of P.G. I. On the ethereal extract of Ginseng Radix Alba. (1) β -sitosterol, its glycoside and others.	Y.Z. 81(5)	771-773	J	Ch		K-1·S-1
3 1964	same	II, (2)	Y.Z. 84 (8)	752-756	J	Ch	K-1·S-1	
4 1964	same	(III), (2)	Y.Z. 84 (8)	757-759	J	Ch	K-1·S-1	
5 1966	same	On the structure of a new acetylene derivative "panaxynol." same. (IV)	Y.Z. 86(11)	1051-1052	J	Ch	S-1	K-1
6 1966	same	On the structure of a new acetylene derivative "Panaxynol" (2) synthesis of 1, 7, 9-Heptadecatrien-4-yn-3-ol. same (V), (3)	Y.Z. 86(11)	1054-1056	J	Ch	S-1	K-1
7 1967	same	Synthesis of 1, 9-(as)-Heptadecadiene-4, 6-diy-3-ol. same (VI)	Ar. Tc. Pharm. 14	1-5	J	Ch	S-1	K-1
8 1969	Kita., Ke <i>et al.</i>	On the ethereal extract of the root bark of P.G. Tissue culture studies on P. G. I. On the cultural requirements of callus.	Y.Z. 89(10)	1474-1476	J	Tc	K-1	S-1
9 1966	Komatsu, M. <i>et al.</i>	Studies on the constituents of the herb of P.G.	S.Z. 20(1)	21-24	J	Ch	S-1	K-1
10 1968	Kondo, N. <i>et al.</i>	Studies on the constituents of Panax Japonici Rhizoma. I. Isolation and purification of the saponin (1)	Y.Z. 88(3)	325-329	J	Ch	K-1·S-1	
11 1969	same	Same II. The structure of chikusetsu saponin IV and some observations on the structural relationship with araloside A.	Y.Z. 89(6)	846-850	J	Ch	K-1·S-1	
12 1970	same	Same III. The structure of chikusetsu-saponin II.	Chem. Pharm. Bull. 18(8)	1558-1562	E	Ch	K-1	S-1

No.	Year	Authors	Titles	Ref.	Pages	L	F	O	X
13	1968	Oura, H.	Biochemical and experimental medical studies on effective ingredient (prostisol) of P.G.		1-24	E	Pcl		K-1·S-1
14	1962	Shibata, S. <i>et al.</i>	Chemical studies on Ginseng I. (Studies on saponin-bearing drugs. IV) Isolation of saponin and saponin from <i>Radix Ginseng</i>	Y.Z. 82(12)	1634-1637	J	Ch	S-1	K-1
15	1962	same	same II. (same V). Some properties of panaxadiol.	Y.Z. 82(12)	1639-1641	J	Ch	S-1	K-1
16	1962	same	The stereochemistry of panaxadiol	Tet. L. 26	1239-1242	E	Ch	K-1	S-1
17	1962	same	The structure of panaxadiol. A sapogenin of Ginseng	Tet. L. 10	419-422	E	Ch		K-1·S-1
18	1963	same	On genuine sapogenin of Ginseng	Tet. L. 12	795-800	E	Ch	K-1	K-1·S-1
19	1963	same	Studies on the constituents of Japanese and Chinese crude drugs XII. Panaxadiol, A sapogenin of Ginseng Roots (2)	Chem. Pharm. Bull. 11(6)	762-765	E	Ch	K-1	S-1
20	1963	same	same XI. Panaxadiol, A sapogenin of Ginseng roots (1)	Chem. Pharm. Bull. 11. 11(6)	759-761	E	Ch		K-1·S-1
21	1964	same	The Stereochemistry of protopanaxadiol, a genuine sapogenin of Ginseng.	Tet. L. 33	2291-2297	E	Ch		K-1·S-1
22	1965	same	Studies on saponins and sapogenins of ginseng. The structure of panaxtriol	Tet. L. 3	207-213	E	Ch	S-1	K-1
23	1965	same	saponins and sapogenins of P.G. and some other Panax spp.	Y.Z. 85(8)	753-755	J	Ch	S-1	K-1
24	1966	same	Chemical studies on the oriental plant drugs XVI. The stereochemistry of protopanaxadiol, a genuine sapogenin of Ginseng.	Chem. Pharm. Bull. 14(10)	1150-1156	E	Ch	K-1	K-2·S-1
25	1966	same	Chemical studies on oriental plant drugs. XIV. Protopanaxadiol, a genuine sapogenin of Ginseng saponins.	Chem. Pharm. Bull. 14(6)	595-600	E	Ch		K-1·S-1
26	1966	same	Chemical studies on the oriental plant drugs XVIII. The prosapogenin of the Ginseng saponins (Ginsenoside-Rb ₁ -Rb ₂ and-Rc)	Chem. Pharm. Bull. 14(10)	1157-1161	E	Ch	K-1	S-1
27	1966	same	The stereochemistry of protopanaxadiol. The absolute conformation of C ₂₀ of Dammarenediol-I and-II.	Tet. L. 40	4797-4801	E	Ch		K-1·S-1

Japan (cont.)

No.	Year	Authors	Titles	Ref.	Pages	L	F	O	X
28	1967	same	Stereochemistry of protopanaxadiol; Acid catalysed epimerization of C-20 hydroxyl of betulafolienetriol, protopanaxadiol, and their derivatives.	Tet. L. 5	391-396	E	Ch	K-1	S-1
29	1967	same	20-epiprotopanaxadiol, a genuine saponin of ginsenosides Rb ₁ Rb ₂ and Rc	Tet. L. 37	3579-3580	E	Ch		K-1·S-1
30	1967	same	Saponins and saponins of P.G. and some related plants.	The Gov. Press, Ceylon 1967	1-12	E	Ch		K-1·S-1
31	1967	same	藥用人蔘の有效成分 (same as 30)	Protein, Nucleic acid and Enzyme	32-38	J	Ch		K-1
32	1968	same	Stereochemistry of the side chain of Dammarane type triterpenes.	Tet. L. 40	4235-4238	E	Ch	K-1	S-1
33	1968	same	Studies on saponins of Ginseng: The structure of ginsenoside-Rg-1	Tet. L. 52	5449-5453	E	Ch		K-1·S-1
KOREA									
1	1962	Kim, J.H.	Physiological and ecological studies of growth of Sheng plant (P.G.) 1. Environment and productive structure.	Kongju T. C. Rev. of Prof. Studies 1	149-171	K	Cul	K-1	S-1
2	1963	Kim, Y.E. et al.	Microbiological assay of Nicotinic acid and Folic acid in P.G.	(Mimeo.)	1-20	K			K-1
3	1963	same	Effect of P.G. on the carbohydrate metabolism of rat(1)	Kor. Phar. S. 7(1)	18-25	K	Pcl	K-1	
4	1964	same	Microbiological assay V-B group in P.G. root(1).	J. Kor. Phar. S. 8(3)	80-88	K	Pcl	K-1	
5	1964	same	Microbiological assay of pantothenic acid and biotin in Korean P.G.	(Mimeo.)	1-20	K		K-1	
6	1965	Woo, L.K. et al.	Effect of Korean Ginseng on the growth rate of cells.	Ann. Rev. S. N. U., Nat. Prod.	1-9	E	Pcl	K-1	S-1
7	1969	same	Pharmacodynamics of P.G.		1-23	K	Pcl	K-1	
8	1969	Lee, Y.G. et al.	Effects of thermal treatment on the components of Ginseng roots.	J. Kor. Phar. S. 13(2,3)	71-75	K	Ch	K-1	K-1

Korea (cont.)

No.	Year	Authors	Titles	Ref.	Pages	L	F	O	X
9	1966	anonymous	Tobacco and Ginseng in Korea			E		K-1	
10		Shin, K.K.	History of Korean Ginseng	(Mimeo.)	127-157	K	His	K-1	
11	1964	anonymous	Literatures on Ginseng	Kor. Minister of Monopoly	1-81	K		K-1	
12	1967	anonymous	same	same	1-122	K		K-1	
13	1964	Kim, H.Ch.	Cultivation of Ginseng		1-296	K		K-1	
RUSSIA									
1	1964	Brekhman, I.I. et al.	On the pharmacology of individual P.G. glycosides		167-171	R	Pcl	S-1	K-1
2	1967	same	Panax Ginseng-1	Med. Sci. Ser. 4	17-25	E	Pcl		K-2, S-2
3	1968	same	Method of biological standardization of P.G. by its antidiuretic action.			E(t)	Pcl		K-2, S-1
4	1968	same	New substances of plant origin which increase nonspecific resistance		419-430	E	Pcl		K-1, S-1
5	1968	same	The effect of Ginseng and Eleutherococcus on the lifespan of white rats	Med. Tr. Adv. Old Age	94-96	E(t)	Pcl		K-1, S-1
6	1969	same	Pharmacological investigation of glycosides from Ginseng and Eleutherococcus	Lloydia 32(1)	46-51	E	Pcl		K-1, S-1
7	1962	Elyakov, G.B. et al.	Die Glukoside aus Ginseng Wurzeln	Ber. Aka Wiss. II	2054	G	Ch		K-1, S-1
8	1964	same	Glycosides from Ginseng Roots	Tet. L. 48	3591-3597	E	Ch		K-1, S-1
9	1965	same	Die Glukoside aus den Ginseng Wurzeln. VI. Die Struktur der Kohlenhydratkette des Panaxosides A.	Ch. Nat.(3)	149-	G	Ch		K-2, S-2
10	1965	same	On the structure of panaxatriol	Tet. L. 1	141-144	E	Ch		K-1, S-1
11	1965	same	The structure of carbohydrate chain	Tet. L. 51	4669-4674	E	Ch		K-1, S-1
12	1967	same	Die Struktur der Produkte der sauren Hydrolyse der Panaxoside D, E, and F	Ch. Nat(31)	164-	G	Ch		K-1, S-1
13	1965	same	Die Glucoside aus den Ginsengwurzeln, IV. Isolierung neuer Glucoside aus Ginseng.	Ch. Nat(2)	82-	G	Ch		K-1, S-1

Russia (cont.)

No.	Year	Authors	Titles	Ref.	Pages	L	F	O	X
14	1960	Ginevic, M.A.	Die biologische Standardisierung galenischer Präparate und der Wurzel von Ginseng.			G	Pcl		K-1-S-1
15	1963	same	same	U.S.G.F.A.(5)	99-	G	Pcl		K-1-S-1
16	1963	same (<i>et al.</i>)	Der Einfluss verschiedener Aufzuchtbedingungen des Ginseng seine Entwicklung und die biologische Aktivität der Wurzel.	U.S.G.F.A.(5)	89-98	G	Pcl		K-1-S-1
17	1964	same	Die biologische aktivität kultivierter Ginsengwurzeln in Abhängigkeit von der Konservierungs Methode.	MFF(23)	25-	G	Pcl		K-1-S-1
18		same	Bewertung der Ginsengwurzeln in verschiedenen Vegetations Phasen.			G	Pcl		K-1-S-1
19		same	Ginseng und seine Kultivierung.			G	Cul		K-1-S-1
20	1963	Medvedev, M.A.	The effect of Ginseng on the working performance of radio operators	U.S.G.F.A.(5)	237-240	E(t)	Pcl		K-1-S-1
21	1963	Seicenkov, M.V.	The effect of liquid extracts of the Ginseng and Eleutherococcus on dark adaptation and visual activity.	U.S.G.F.A.(5)	241-	E(t)	pcl		K-2-S-1
22	1968	Slepyan, L.I.	Pharmacological activity of callus tissues of ginseng grown under in vitro conditions.	Tr. L.(26)	236-244	R	Tc·Pcl		K-1-S-1
23		Turova, A.D.	P.G.	Med. P. USSR	27-36	E(t)	Pcl		K-1-S-1
24	1965	Grushvitzky, I.V.	The effect of gibberellin on sprouting of seeds and development of juvenile Ginseng plants.		423-427	R	Cul	S-1	K-1
25	1965				215-217	R	Ta	S-1	K-1
26					184-191	R	Tc		S-1·K-1
27					198-202	R			S-1·K-1
SWISS									
1	1965	Lüth. P.	A new preparation for the therapy and prophylaxis of senile and degenerative changes.	Ars Medici 55(11)	756-758	E	Pcl		K-1-S-1
2	1968	same	Report on a trial of "Geriatric Pharamaton" administered alternately with and without ginseng to elderly patients.	Medizin 17(11)	340-341	E	Pcl		K-1-S-1

Swiss (cont.)

No.	Year	Authors	Titles	Ref.	Pages	L	F	O	X
3		same	Normalization of the blood pressure with geriatric pharmaton	Clin. Rep. (Mimeo.)	1	E	Pcl		K-1·S-1
4	1970	Schimert, G.	Clinical experience with geriatric pharmaton	Fort. Med. (Mimeo.)	1-11	E	Pcl		K-1·S-1
5	1970	Schwappach, A.J.	Lebensdauer und Alternsvorgänge ihre Beeinflussung durch Ginseng und Eleutherococcus	Fort. Med. 88	957-958	G	Pcl		K-1·S-1
6	1968	Stengel, F. <i>et al.</i>	Clinical trials of a new geriatric preparation	Arztliche Praxis xx (4)	130-135	E	Pcl		K-1·S-1
7	1968	Sterner, W.	Stress test with mice using the standardized ginseng complex spec. prep. "Pharmaton"	(Mimeo.)	1-4	E	Pcl		K-1·S-1
8	1968	Sterner, W.	Comparative tests for the determination of effects of the standardized Ginseng complex spec. prep. "Pharmaton" on the functional muscle capacity of mice.	(Mimeo.)	1-6	E	Pcl		K-1·S-1
9	1970	Sterner, W.	Leistungstest an Mäusen mit diversen Ginseng-Präparaten.	(Mimeo.)	1-13	G	Pcl		K-1·S-1
10	1970	Anonymous	A new preparation against premature aging.		1-4	E	Pcl		K-1·S-1

SWEDEN

1-1	1970	Sandberg, F.	Die Ginseng-Wurzel	D. Apo.Zeit. 51 (110)	1991-1994	G	Rev.	K-1	S-1
1-2	1970	same	Ginsengroten	S.S. farm. tid.74	199-206	S	Rev.	K-1	S-1·K-1
1-3	1970	same	The ginseng root			E(t)	Rev.		S-1

U.S.A.

1		Austin, O.S.	How to grow ginseng and golden seal		1	E	Cul	S-1	K-1
2	1966	Baranov, A.	Recent advances in our knowledge of the morphology, cultivation and uses of ginseng	Econ. Bot. 20(4)	403-406	E	Rev	K-1	S-1

U.S.A. (cont.)

No.	Year	Authors	Titles	Ref.	Pages	L	F	O	X
3	1854	Garrigues, S.	Über das Panaquilon, einen neuen Pflanzenstoff	Ann. Chem. Pharm. 90	231-234	G	Ch		K-2-S-1
4	1969	Lass, W.E.	Ginseng Rush in Minnesota	Mn. His. 41(6)	249-266	E	His	K-1-S-1	
5	1964	Wood, W.B. et al.	Cardiovascular actions of P.G. in dogs	Jap. J. Phicol 14(3)	284-294	E	Pcl	S-1	K-1
6	1969	Schorger, A.W.	Ginseng: A pioneer resource	Wis. A. of Sci. Arts and L. 57	65-74	E	His		K-1-S-1
7	1957-58	Williams L.O.	Ginseng	Econ. Bot. 11-12	344-348	E	Rev.		
8	1970	Schulz, W.E.	Wisconsin brothers largest producers of Ginseng-Miracle Herb.	The Morris Tribund, Mn. (9-17-70)		E	Cul		K-1-S-1
9	1964	Llewelyn, W.	Growing Ginseng	U.S. Farmers Bull. # 2201	1-11	E	Cul	K-1-S-1	
10	1953	anonymous	Ginseng Culture	same #1184	1-13	E	Cul	S-1	K-1
11	1969	anonymous	Love for sale	Newsweek (10-10-69)	106-107	E	S-1	S-1	K-1
12	1966	Lucas, R.	The intriguing herb that hides from man.	Nature's Medicine	155-170	E	Rev	S-1	K-1
13	anonymous		Two good ways to make money from the outdoors	(Mimeo.)	1-6	E	S-1	S-1	K-1
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