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Problems Encountered in Planning the City of
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JPRS 6686

EEur - Poland

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Strain of Foot-and-Mouth Disease Virus and Its
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On the Ingredients of Non-Biological Origin in the
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EFFECT OF SILICON ON THE STRUCTURE AND PROPERTIES
OF A SIX-COMPONENT POWDER METALLURGY ALLOY OF THE
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YE. N. PYLAVEGA, ET AL, 6 PP.

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JPRS 15909

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THE NEWEST METHODS FOR CONVERSION OF
SYLVINITE WASTE INTO TABLE SALT. [1963] [10]p.
Order from OTS or SLA \$1.10 63-14597

Partial trans. (p. 24-28) of [Gorno-Obogatitel'noe
Delo] (USSR) 1932, no. 1, p. 22-28.

DESCRIPTORS: *Wastes (Industrial), *Flotation,
*Potassium compounds, *Sodium compounds, Chlorides,
Production, Fertilizers.

(Engineering--Chemical, TT, v. 10, no. 6)

63-14597

1. Title: Sylvinite
1. Pylaev, B. P.

1244489

Office of Technical Services

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THE NEWEST METHODS FOR CONVERSION OF
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1. Pylaev, B. F.

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Influence of Cavitation Intensity on the
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AEC-tr-4455
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An Investigation of the Hf Equilibrium of the Ternary
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Crystal Structure of the Compound Ta_2Ni , by
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AEC-tr-4454
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On the Distribution of Diffuse Radiation Over
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(NY-5330)

Eliminate Shortcomings in Planning and Recording
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12 pp.

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JPRS 7112

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Solubility and Supersaturation in the System Sodium
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AMS-4457
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6 pp.

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OTS 60-51168
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PST No 117

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Action of Attracted Birds on the Population of
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PST No 117

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Sanitary Protection of the Borders and the Present
International Epidemiological Situation, by I. M.
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No 10, 1960, pp 89-94. CIA 9075531

OTS 61-19649
USDA

Sci - Biology
Apr 61

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(NY-6450)

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1961, pp 10-11.

JPRS 10822

EEur - ~~Poland~~ BULGARIAN
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Proteins and Protein-like Compounds in Tobacco, by
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GERMAN, per, Institut fuer Tabakforschung. Dresden
Berichte, vol. 11, no. 2, 1964, pp. 183-200.

NTC 70-17076-C2D

CSIRO/Number 7812

C. Pyriki

Pyriki, C. and Müller, R.
EXPERIENCES RELATING TO THE METHODS OF
TOBACCO ANALYSIS. Paper read by C. Pyriki to the
CORESTA Symposium at Istanbul, 23-24 Aug 60.
[1962] 12p. 17 refs.

Order from OTS or SLA \$1.60.

63-10722

Trans. of [die] Nahrung (West Germany) 1962,
v. 6, no. 2, p. 166-174.

DESCRIPTORS: *Tobacco, Chemical analysis,
*Nicotine, Carbohydrates, Proteins, *Nitrogen, Amino
acids, Titration.

(Chemistry--Analytical, TT, v. 10, no. 1)

63-10722

I. Pyriki, C.
II. Müller, R.
III. Title: CORESTA ...

63-10722

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Proteins and Similar Compounds in Tobacco
Communication 2. The Method of Protein
Determination, by Constantin Pyriki, Rudolf
Muller, 5122
CHEMIE, par, Inst. tobaccochim. Pyriki, Vol 10,
1963, No 2, pp 203-237
SIA TT-6-18525

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Sci - Chem

May 67

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NICOTINE CONTENT OF TOBACCO AND OF ITS
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DURING SMOKING. [1962] 24p.
Order from K-H \$30.00

K-H-3471-b

Trans. of die Pharmazie (Germany) [1955] v. 10,
p. 806-812.

DESCRIPTORS: *Tobacco, *Nicotine, Smokes,
*Cigarettes, *Pharmacology.

(Chemistry--Analytical, TT, v. 9, no. 7)

62-22652

- I. Pyrki, C.
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- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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Pyrki, C. and Philipp, W.
VOLATILIZATION OF NICOTINE FROM TOBACCO
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Order from K-H \$16.25 K-H 6146-c

Trans. of Institut für Tabakforschung. Ber[ichte]
(East Germany) 1956, v. 3, no. 2, p. 77-87.

DESCRIPTORS: *Tobacco, Heat treatment, *Nicotine,
Vaporization.

(Chemistry, TT, v. 8, no. 8)

62-22661

- I. Pyrki, C.
- II. Philipp, W.
- III. K-H-6146-c
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223306

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Pyriki, C.
FILTER CIGARETTES AND THEIR ACTION. [1962]
21p.
Order from K-H \$26.25 K-H 6171-a

Trans. of Institut für Tabakforsch[ung]. Ber[ichte]
(East Germany) 1956, v. 3, no. 2, p. 310-328.

DESCRIPTORS: *Cigarettes, *Strainers, Tobacco,
*Smokes, Toxicity.

(Biological Sciences--Pathology, TT, v. 8, no. 8)

62-22651

- I. Pyriki, C.
- II. K-H-6171-a
- III. Kresge-Hooker Science
Library Associates,
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THE BEHAVIOR OF OXYNICOTINE IN THE SMOKING
OF CIGARETTES. Feb 61. 19p.
Order from K-H \$23.75

K-H 10573 d

Trans. of a Reprint of die Nahrung (West Germany)
1960, v. 4, no. 4, p. 310-322.

DESCRIPTORS: *Cigarettes, *Smokes, *Nicotine, To-
bacco, Oxygen.

(Biological Sciences--Pharmacology, TT, v. 9, no. 5)

62-17592

- I. Pyrikl, C.
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- III. Kresge-Hooker Science
Library Associates,
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C227859

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CONTRIBUTION TO THE QUANTITATIVE DETER-
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[1962] 20p.
Order from K-H \$25.00

K-H 6146-b

Trans. of Institut für Tabakforsch[ung], Ber[ichte]
(East Germany) 1956, v. 3, no. 1, p. 60-76.

DESCRIPTORS: Tobacco, Organic acids, Deter-
mination, Quantitative analysis.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-22659

- I. Pyrikl, C.
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Library Associates,
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C223305

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PAPER. [1962] 11p.
Order from K-H \$13.75 K-H 3236-c

Trans. of Chemische Technik (East Germany) 1953,
v. 5, no. 8, p. 442-444.

DESCRIPTORS: *Cigarettes, *Paper, Analysis.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-22655

- I. Pyriki, C.
- II. K-H-3236-c
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Library Associates,
Detroit, Mich.

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62-17594

Pyrid, C.
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SMOKE AND THE POSSIBILITY OF REDUCING
THEIR QUANTITY. [1962] 15p.
Order from K-H \$18.75

K-H 11411-h

Trans. of Pharmazeutische Zentralhalle [für Deutsch-
land] (East Germany) 1961, v. 100, p. 213-221.

DESCRIPTORS: *Cancer, Cigarettes, Smokes,
*Tobacco, Reduction.

(Chemistry--Analytical, TT, v. 8, no. 8)

I. Pyrid, C.
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Order from SLA \$2.60

TT-64-10992

Trans. of [die] Nahrung (West Germany) 1962, v. 6, no. 7/8, p. 732-743.

(Chemistry, TT, v. 11, no. 12)

TT-64-10992

L. Fyrki, C.

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EFFECT OF VARIOUS INORGANIC SALTS ON THE
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Order from K-H \$27.50

K-H 6146-d

Trans. of Institut für Tabakforsch[ung]. Ber[ichte]
(East Germany) 1955, v. 2, no. 1, p. 94-111.

DESCRIPTORS: *Inorganic substances, *Salts, *To-
bacco, Fermentation, Combustion.

(Chemistry--Physical, TT, v. 8, no. 11)

62-22662

I. Pyrki, C.
II. Philipp, W.
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IV. Kresge-Hooker Science
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47p.

Order from K-H \$58.75

K-H-6171-b

Trans. of Institut für Tabakforschung, Berlin
(East Germany) 1956, v. 3, no. 2, p. 249-281.

DESCRIPTORS: "Alkaloids," Tobacco,
Transformations.

(Biological Sciences—Botany, TT, v. 8, no. 11)

62-22660

I. Fyrh, C.
II. Müller, R.
III. Hermann, R.
IV. K-H-6171-b
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

0226167

Office of Technical Services

Pyrikl, Constantin and Moldenhauer, Walter.
INFLUENCING CIGARETTE SMOKE BY TREATING
TOBACCO WITH VARIOUS AGENTS. [1963] 9p.
Order from SLA \$1.10 63-14368

Partial trans. (excerpts) of [Institut für Tabakforschung,
Berichte (East Germany) 1960, v. 7, no. 2, p. 216-240].
A complete trans. is available from K-H \$48.75 as
K-H-10969-e [1962].

DESCRIPTORS: *Tobacco, *Cigarettes, Smokes,
Nicotine, Taste, Additives, Carbohydrates.

(Chemistry--Organic, TT, v. 10, no. 3)

63-14368

I. Pyrikl, C.
II. Moldenhauer, W.

1045024

Office of Technical Services

Effect of Filter Cigarettes in Relation to the
Filter Material and Draw Resistance., by C. Pyriki.
GERMAN, per, Nahrung, Vol. 6, 1962, pp 732-743.
GB/116

C. PYRIKI

Sci -
July 1967

334-626

Paraffin Hydrocarbons in Tobacco, by Constantin
Pyriki, Frank Hofmann, 55 pp.

DEBOK, par, Berichte Institut für Tabakforsch-
ung, 1963, vol 10, no 1, pp 69-106.

SLA TT 64-18060

Constantin Pyriki

Jul 66

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Pyrid, Constantin and Moldenhauer, Walter.
INFLUENCING CIGARETTE SMOKE BY PROCESSING
TOBACCO WITH VARIOUS AGENTS. [1963] 39p
18 refs
Order from SLA \$3.60

TT-64-14583

Trans. of Institut für Tabakforschung. Ber(ichte)
(East Germany) 1960, v. 7, no. 2, p. 216-240.
Other translations are available from K-H \$48.75 as
K-H-10969-s [1962]; partial trans. (excerpts) from
SLA \$1.10 as TT-63-14366 [1963] 9p.

(Chemistry--Organic, TT, v. 11, no. 11)

TT-64-14583

L. Pyrid, C.
E. Moldenhauer, W.

1280580

Office of Technical Services

Pyriki, Constantin and Müller, Rudolf.
CONFRONTATION OF METHODS FOR OBJECTIVE
QUALITY DETERMINATION OF CIGARETTE TO-
BACCOS. [1963] 7p.
Order from SLA \$1.10

63-14369

Trans. of unidentified article, n. p., n. d.

DESCRIPTORS: *Quality control, Determination,
Cigarettes, *Tobacco, Chemical analysis.

(Chemistry--Analytical, TT, v. 10, no. 6)

63-14369

I. Pyriki, C.
II. Müller, R.

1244459

Office of Technical Services

Pyriki, Constantin and Richter, Konrad.
NICOTINE TRANSFER DURING STEAM DISTILLA-
TION OF TOBACCO USING VARIOUS ALKALIZA-
TION AGENTS WITH SPECIAL REFERENCE TO
OXYNICOTINE. [1962] 34p. 26 refs.
Order from SLA \$3.60 62-20208

Trans. of Institut für Tabakforschung. Berichte
(East Germany) 1959, v. 6, no. 2, p. 241-264.
Another trans. is available from K-H \$42.50 as
K-H-10281-g [1962] 34p.

DESCRIPTORS: *Tobacco, *Nicotine, Oxygen com-
pounds, Alkaloids, Steam, Distilling plants.

A comparison of the alkalization strength in steam dis-
tillation was made for a determination of the alkaloids
in a larger number of different tobaccos. It could be
shown that small amounts of nicotine often remain in
(Chemistry--Analytical, TT, v. 10, no. 1) (over)

62-20208

I. Pyriki, C.
II. Richter, K.

Office of Technical Services

the distillation residues with the use of magnesium oxide, with these amounts being determinable only with sodium hydroxide. The paper-chromatographic investigation showed that these portions do contain certain amounts of nornicotine, but that the greatest portion consisted of nicotine. They were not formed as had been assumed from oxynicotine, but were already present in the tobacco and could not be very easily driven out of the cell structures with the use of a weaker alkalization agent. In contrast, the slow recurrence of nicotine when strongly alkalized tobacco residues were allowed to stand could be attributed to its formation from other tobacco components, but not from oxynicotine. The nicotine obtained in this manner was mainly racemic. (Author)

PB-

62-20208

Pyrid, Constantia.

ON THE FERMENTATION OF TOBACCO. Communi-
cation 4. [1962] 20p.
Order from K-H \$25.00

K-H 3046-b

Trans. of Zeitschrift f[ur] Lebensmittel-Untersuchung
und-Forschung (West Germany) 1954, v. 96,
p. 110-118.

DESCRIPTORS: *Tobacco, *Fermentation.

(Agriculture--Plant Cultivation, TT, v. 9, no. 1)

62-22636

I. Pyrid, C.
II. K-H-3046-b
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

A239859

Office of Technical Services

Pyriki, Constantin.
THE QUANTITATIVE CHANGES OF REDUCING MA-
TERIALS AS WELL AS RESINS AND WAXES. [1962]
13p.
Order from K-H \$16.25

K-H 3161-c

Trans. of Zeitschrift für Lebensmittel-Untersuch-
ung und -Forschung (West Germany) 1954, v. 98,
p. 294-301.

DESCRIPTORS: *Materials, *Resins, *Waxes, Quanti-
tative analysis.

(Materials, TT, v. 9, no. 1)

62-22657

- I. Pyriki, C.
- II. K-H-3161-c
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

62-22657

Office of Technical Services

Pyrikl, Constantin.
THE DISTRIBUTION OF ALKALOIDS VOLATILE WITH
STEAM IN THE ORGANS OF NICOTIANA SPECIES IN
TOPPED AND UNTOPPED PLANTS. [1962] 10p.
K-H 5470 c
Order from K-H \$12.50

Trans. of Pharmazeutische Zentralhalle (für Deutsch-
land) (East Germany) 1956, v. 95, Mar, p. 91-96.

DESCRIPTORS: Plants, *Tobacco, *Alkaloids, Distri-
bution, Steam.

(Biological Sciences--Botany, TT, v. 9, no. 1)

62-22653

- I. Pyrikl, C.
- II. K-H-5470-c
- III. Krosge-Hooker Science
Library Associates,
Detroit, Mich.

4239853

Office of Technical Services

Pyrki, Constantin, Müller, Rudolf, and
Moldenhauer, Walter.
[ON] THE OCCURENCE OF POLYCYCLIC HYDRO-
CARBONS IN CIGARETTE SMOKE. II. INVESTIGA-
TION OF THE LIPOPHILE COMPONENTS OF THE
VARIOUS PHASES OF SMOKING AND OF THE TO-
BACCO. Jan 61, 28p.
Order from K-H \$35.00

K-H 10573 e

Trans. of [Institut für Tabakforschung. Berichte]
(East Germany) 1960, v. 7, no. 1, p. 81-102.

DESCRIPTORS: *Cigarettes, Smokes, *Hydrocarbons,
Polycyclic compounds, Tobacco, *Lipids, *Lysines.

(Chemistry--Analytical, TT, v. 9, no. 6)

62-17596

- I. Pyrki, C.
- II. Müller, R.
- III. Moldenhauer, W.
- IV. Title: Investigation ...
- V. K-H-10573-e
- VI. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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Office of Technical Services

Pyrikl, Constantin.
RELATIONS BETWEEN MATERIAL COMPOSITION
AND "STRENGTH" OF TOBACCO PRODUCTS. [1962]
22p.
Order from K-H \$27.50 K-H 6146-e

Trans. of Institut für Tabakforschung. Berichte
(East Germany) 1955, v. 2, no. 2, p. 127-141.

DESCRIPTORS: *Tobacco, Processing.

(Agriculture--Plant Cultivation, TT, v. 8, no. 8)

62-22654

- I. Pyrikl, C.
- II. K-H-6146-e
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223303

Office of Technical Services

Pyriki, Constantin and Richter, Konrad.
NICOTINE TRANSFER DURING STEAM DISTILLA-
TION OF TOBACCO USING VARIOUS ALKALIZA-
TION AGENTS WITH SPECIAL REFERENCE TO
OXYNICOTINE. [1962] 34p.
Order from K-H \$42.50

K-H-10281-g

Trans. of Institut für Tabakforschung. Berichte
(East Germany) 1959, v. 6, no. 2, p. 241-264.

DESCRIPTORS: *Tobacco, *Nicotine, Oxygen com-
pounds, Alkaloids, Steam, Distilling plants.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-17597

- I. Pyriki, C.
- II. Richter, K.
- III. K-H-10281-g
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223212

Office of Technical Services

Pyriki, Constantin and Müller, Rudolf.
ON THE OCCURRENCE OF POLYCYCLIC HYDRO-
CARBONS IN CIGARETTE SMOKE. [1962] 13p.
Order from K-H \$15.25 K-H 10281-f

Trans. of Inst[itut für] Tabak[forschung], Ber[ichte]
(East Germany) 1959, v. 6, no. 2, p. 231-240.

DESCRIPTORS: *Cigarettes, Smokes, *Hydrocarbons,
*Polycyclic compounds.

(Chemistry--Organic, TT, v. 8, no. 8)

62-17595

- I. Pyriki, C.
- II. Müller, R.
- III. K-H-10281-f
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223211

Office of Technical Services

Pyrki, Constantin and Moldenhauer, Walter.
INFLUENCING CIGARETTE SMOKE BY PROCESS-
ING TOBACCO WITH VARIOUS AGENTS. [1962].
Order from K-H \$48.75 K-H 10969-e

Trans. of Inst[itut für] Tabakforsch[ung]. Ber[ichte]
(East Germany) 1960, v. 7, no. 2, p. 216-240.

DESCRIPTORS: *Tobacco, *Cigarettes, Smokes.

(Chemistry--Organic, TT, v. 8, no. 8)

62-17593

- I. Pyrki, C.
- II. Moldenhauer, W.
- III. K-H-10969-e
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223269

Office of Technical Services

Pyriki, C[onstantin] and Fritzsche, J.
ON THE QUESTION OF THE EFFICACY OF FILTER
CIGARETTES. [1962] 22p.
Order from K-H \$27.50 K-H 5131-a

Trans. of Z[eitschrift für] Lebensmittel-[Untersuchung]
u[nd] -Forschung (West Germany) 1956, v. 103,
p. 113-121.

DESCRIPTORS: *Cigarettes, *Particulate filters,
*Smokes, Effectiveness.

(Biological Sciences--Toxicology, TT, v. 9, no. 2)

62-22658

- I. Pyriki, C.
- II. Fritzsche, J.
- III. K-H-5131-a
- IV. Kresge-Hooker Science
Library Associates,
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0227211

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Modifications of Protein and Protein-like Compounds
in the Green Tobacco Plant with reference to Several
Factors, by C. Pyriki.

GERMAN, per, Institut fuer Tabakforschung. Dresden.

Berichte, Vol. 11, no. 1, 1964, pp. 71-79.

WTC 70-17075-02D

C. Pyriki

The Dependence of Primary Production on the
Composition of Phytoplankton, by I. L.
Pyrina, 7 pp.

RUSSIAN, bk, Pervichnaya Produktsiya Morey i
Vnutrennikh Vod, 1961, pp 308-313.

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Sci - Biol & Med
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(DC-3627)

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The Education of Youth in Polish Work Enterprises,
by Zygmunt Pyrko, 12 pp.

POLISH, per, Szkola Zawodowa, No 12, 1959, Warsaw,
pp 6-11.

JPRS 3406

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The Synthesis and Investigation of Hybrid Polymers.
I. Styrene and Isoprene Block Polymers Formed by
Catalytic Polymerization in Solution Under the
Action of Butyl Lithium, by A. A. Korotkov, L. A.
Shibayev, L. M. Pyrkov, 4 pp.

RUSSIAN, per, Vysokomol Soedin, Vol I, No 3, 1959,
pp 443-453.

PP

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Effects of Oxygen and Stirring on ~~Oxidation~~
Reduction Polymerization of Acrylonitrile in the
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RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 5,
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Investigation of Secondary Reactions in Radical
Polymerization Processes by the Formation of
"Hybrid" Polymers, by L. M. Pyrkov, S. E. Bresler,
S. Ya. Frenkel', 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2750-2759.

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Sci

Aug 60

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In the Name of the Beloved Motherland, by Pyrskiy.
RUSSIAN, np, Krasnaya Zvezda, 19 Nov 1959.

FBID daily Review

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Developments in the Chlorination of Saturated
Hydrocarbons, by Z. S. Smolyan, P. S. Pyryalova,
N. A. Kurdyumova, 17 pp.

RUSSIAN, per, Uspekhi Khim, No 1, 1960,
pp 23-54.

Cleaver-Hume Press

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Mechanism of the Short-Acting Conditioned Stimulus,
by S. P. Pyshina, 4 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel Imeni I. P.
Pavlova, Vol X, No 6, 1960, pp 860-~~8~~ 863.

PP

Sci
Apr 62

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(DC-5223)

Complex Mechanization of Labor in the Construction
and Repair of Aerial Communications Lines, by I. P.
Pyshkin, V. A. Vopilkin, N. G. Kuz'min, 5 pp.

RUSSIAN, per, Vestnik Svyaz, No 12, 1960, pp 7-9.

JPRS 8163

Sci

May 61

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(NY-4694)

Seminar for Communication Engineers and
Technicians, by I. P. Pyshkin, 23 pp.

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JPRS 5616

Sci

Oct 60

129,146

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Sampled-Data Systems With Finite Sampling Time, by
I. V. Pyshkin, 13 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV, No 10,
1963, pp 1303-1316.

ISA

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