

(NY-3908/1)

Nikolay Mikhaylovich Zhavoronkov, (50th Birthday),  
by I. K. Zamrayev, B. D. Mel'nik, L. A. Kostandov,  
3 pp.

RUSSIAN, per, Khim Nauk i Procn, No 4, 1958.

JPRS-1971-N

Sci - Misc  
USSR  
Biog  
Nov 59

101,623

Electrochemical Synthesis of Organic Substances, by  
V. G. Kladayakov,

RUSSIAN, per, Khim Nauka i Prom, Vol III, No 4, 1958,  
pp 432-438.

ATS RJ-2153

Sci - Chem

May 60

115, 435

Balmakov, Yu. V. and Batashev, K. P.  
PROGRESS IN THE FIELD OF ELECTROLYTIC  
POLISHING. [1962] 13p.  
Order from ATS \$17.75

ATS-27P61R

Trans. of [Khim[icheskaya] Nauka i Prom[yshlennost']  
(USSR) 1958, v. 3, no. 4, p. 464-470.

DESCRIPTORS: \*Electrolytic polishing, Surfaces,  
Metals.

(Metallurgy, TT, v. 8, no. 4)

62-17731

I. Balmakov, Yu. V.  
II. Batashev, K. P.  
III. ATS-27P61R  
IV. Associated Technical  
Services, Inc.,  
East Orange, N. J.

*ATS RJ-4145*

Office of Technical Services

62-17712

Vagramyan, A. T. and Kudryavtsev, N. T.  
RECENT ADVANCES IN ELECTROPLATING. [1962]  
12p.

Order from ATS \$16.75                      ATS-28P61R

Trans. of Khim[icheskaya] Nauka i Prom[yshlennost']  
(USSR) 1958, v. 3, no. 4, p. 471-476.

DESCRIPTORS: \*Electroplating, Plating, Finishes,  
Metallurgy.

I. Vagramyan, A. T.  
II. Kudryavtsev, N. T.  
III. ATS-28P61R  
IV. Associated Technical  
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*ATS RJ-4152*

(Metallurgy, IT, v. 8, no. 4)

Office of Technical Services

Electrochemical Corrosion of Metals, by A. I.  
Krasilshchikov.

RUSSIAN, per, Khim Nauk i Prom, Vol III, No 4,  
1958, pp 476-483.

\*ACSIL 1378

Sci - Chem

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Mass Transfer From a Fixed Granular Bed to a  
Liquid Stream, by V. V. Strel'tsov, A. A.  
Kombrovskiy,

RUSSIAN, per, Khim Nauka i Prom, Vol III, No 4,  
1958, pp 511-514.

ATS RJ-2204

Sci - Chem Eng

May: 60

115, 460

Calculation of the Hydraulic Resistance of  
Sieve Plates, by A. A. Noskov, V. N. Sokolov.

RUSSIAN, per, Khim Nauka i Prom, Vol III, No 4,  
1958, pp 518-520.

ATS RJ-2205

Sci - Chem Eng

May 60

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Liquid-Liquid Extraction: Mechanism of Mass  
Transfer, by G. K. Goncharenko, A. P. Gotlinskaya,  
6 p.

RUSSIAN, per, Khim Nauka i Prom, 1958, Vol III,  
No 2, pp 515-517.

SLA 59-15833

Sci  
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Vol 2, No 6

104, III

Progress in the Manufacturing of Photographic  
Silver Halide Emulsions, by V. L. Zelikman,  
S. M. Levi, Yu. Sh. Moshkovskiy, 23 pp.

RUSSIAN, par, Khim Nauk i Prom, Vol III, No 5,  
1958, pp 567-576.

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Sci - Physics

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USIB INTERNAL USE ONLY

CS 10-14067

114,140

Diffusion Photographic Processes, by H. C.  
Spacokulotaki, N. B. Deutschmeister, 16 pp.

RUSSIAN, per, Khim Nauka i Prom, Vol III, No 5,  
1958, pp 607-613.

CIA/FDD XX-854

Sci - Phys

Aug 60

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Effect of Alkaline Additions in the Catalytic  
Oxidation of Primary Alcohols to Aldehydes,  
by R. M. Flid, et al.

RUSSIAN, per, Khim Nauka i Prom, Vol III, No 5,  
1958, pp 483-.

ATS RJ-1889

Sci .. Chem

Jan 60

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Problems in the Field of Equipment for the  
Chemical Industry

RUSSIAN, par, Khim Muzk i Prom, No 6, 1958,  
pp 690-693

USSR Material and Materials  
Process Equip, No 9

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Apr 59

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Corrosion Resistant Titanium and its Alloys,  
by I. I. Kornilov, 19 pp.

RUSSIAN, per, Khim Nauk i Prom, Vol III, No 6,  
1958, pp 803-807. 9670053

AFIC MCL-140/1

Sci - Chem

Jul 61

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Prospects for Using Refractory Compounds in the  
Chemical Industry, by G. V. Samsonov, 18 pp.

RUSSIAN, per, Khim Nauka i Prom, No 6, 1958, pp  
807-811. *LIA 785 2137*

*ATIC MCL-265/1*

*REC NP-7-530*

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Dec 60

*134, 944*

(NY-3000)

Technical Tasks of the Rubber Industry in the  
Seven-Year Plan, by P. I. Zakharchenko, 22 pp.

RUSSIAN, per, Khim Nauka i Prom, No 1, 1959,  
pp 6-14.

JPRS-1734-N

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Econ - Technological - USSR Industry  
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Motor Vehicle Tires Made of Synthetic Rubber and Ways  
WAYS of Increasing Their Quality, 21 pp. ID 2137014

RUSSIAN, per, Khimicheskaya Nauka i Proiz, No 1, 1959,  
pp 15-26.

ACSI H-40(2)

CTS 60-21746

Sci - Chem

Apr 60

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The Problem of Wear Resistance of Rubber and  
Methods for Improvement, 14 pp.

RUSSIAN, per, Khimicheskaya Nauka i Prom, No 1,  
1959, pp 35-41.

ACSI H-4021

SLA 68-10560

Sci - Chem

Apr 60

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Vulcanization Structures and Their Change in  
Vulcanization, Thermomechanical Processing and  
Vulcanized rubber Fatigue, 13 pp.

RUSSIAN, par, Khimicheskaya Nauka i Prom, No 1, 1959,  
pp 55-62.

ACSI H-4021

Sci - Chem

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Present Technological Processes of Tire Production,  
18 pp.

RUSSIAN, per, Khimicheskaya Nauka i Prom, No 1,  
1959, pp 100-111.

ACHI H-4021

Sci - Chem

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A Continuous Method of Producing Titanium  
Trichlorides, by A. M. Vladimirov, et al. UNCL

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1959, pp 132, 133.

DSIR LLU HTS 1458

(2s. 6s.)

Sci - Chem

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The Results of the Eighth Mendeleyev Congress,  
by S. Ya. Plotkin, 23 pp.

RUSSIAN, par, Khim Nauk i Prom, Vol IV, No 2, 1959,  
pp 145-153.

ATIC MCL-588/III

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The Application of Mass Spectroscopy to Chemical  
Analysis, by G. K. Lavrovskaya,

RUSSIAN, per, Khim Nauka i Prom, Vol. IV, No 2, 1959,  
pp 154-163.

ATS RJ-2106

ATS-21137R

Sci - Chem

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Molecular Spectral Analysis in the Chemical Industry, by V. M. Chulanovskiy.

*From Book: Front*  
RUSSIAN, per, Chem Sci & Ind, Moscow, Vol IV, No 2, 1959, pp 172-178.

NCB A.1881  
R.1872

*NLL 10-20-61*

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Econ  
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List No 41

*163,562*

Electro<sup>4</sup>Chemical Analysis Methods, by O. A. Songina,

RUSSIAN, per, Khim Nauk Prom, Vol IV, No 2, 1959, pp 191-197.

Sci - Chem  
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*Intelligence 5th.*

*London, 01/01/59-59/5.9*

Extraction Methods of Separating Elements in  
Analytic Chemistry, by V. M. Vdovenko, L. N.  
Lazarev, 11 p.

RUSSIAN, per, Khim Nauka i Prom, 1959, Vol IV,  
No 2, pp 230-234.

MDP V-134

Sci  
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Vol 2, No 11

109,525

Determination of Microimpurities in Semi-  
conducting Materials and Metals of High Purity,  
by V. A. Nazarenko, 16 p.

RUSSIAN, per, Khim Nauka i Prom, 1959, Vol IV,  
No 2, pp 235-241. 9092017

NDF N-106

Sci  
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Vol 2, No 11

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62-10695

Terent'ev, A. P. and Terent'eva, E. A.  
ADVANCES IN ORGANIC ELEMENTARY ANALYSIS.  
19 Dec 61 [25]p. 170 refs.  
Order from OTS or SLA \$2.60 62-10695

I. Terent'ev, A. P.  
II. Terent'eva, E. A.

Trans. of Khim[icheskaya] Nauka i Prom[yshlennost']  
(USSR) 1959, v. 4 [no. 2] p. 242-249.

DESCRIPTORS: Chemical analysis, \*Organic compounds, \*Chemical elements, Carbon, Hydrogen, Oxygen, Nitrogen, Sulfur, Halogens, \*Chromic acid.

In the present review of methods of elementary organic analysis, it was not our task to cover exhaustively all variations of the different methods, but rather to note mainly those papers reporting principally new methods or significant improvements of existing methods. Particular attention was paid to the work of Soviet scientists, especially since reviews (Chemistry--Analytical, TT, v. 8, no. 7) (over)

Office of Technical Services

(NY-3479).

Competition for the Best Works in Chemistry and  
Chemical Engineering, by G. A. Rudakov, 6 pp.

RUSSIAN, par, Khim Nauk i Prom, Vol IV, No 2,  
1959, pp 271-273.

JPRS 2363

Sci - Chemistry - Misc  
Mar 60

111,069

(NY-3000/3).

Planned Development of the Paint and Varnish Industry  
in the Current Seven-Year Plan, by B. R. Mirenskiy,  
10 pp.

RUSSIAN, per, Khim Nauk i Prom, No 3, 1959, pp 290-293.

JPRS-1996-N

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Econ/Tech - Industry  
Nov 59

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**Scientific-Technical Conference and Seminar  
on Production and Processing of Chemical  
Fibers.**

**HUSSIAN, per, Khim Muzk 1 Prva, No. 3, 1979,  
pp 398-401.**

**Net & Net Proc Equip (18)**

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**Docu - Industry**

**Aug 79**

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Jan 6, 1960

S. N. Borisov, Conference On the Chemistry  
and Practical Applications of Organosilicon  
Compounds, Khimicheskaya Nauka i Promyshlennost',  
Vol 4, No 3, May 1959, pp 402-403.

L. M. Bl.

SIR T 39 or 40

Heat Transfer in the Transition Region, by M. D.  
Kuznetsov, et al.

RUSSIAN, per, Khim Nauk Prom, Vol IV, No 3, 1959,  
pp 406, 407.

~~AECS~~

*Index of Sci, London*

*KAMP-59/3.39*

Sci - Chem  
Apr 60

(NY-4569)

USSR Works in the Fields of Radiochemistry and  
Radiation Chemistry - Isotope Exchange, by  
A. I. Brodskiy, 86 pp.

RUSSIAN, per, Khim Nauk i Prom, Vol IV, No 4,  
1959, pp 423-431.

JPRS 5253

Sci - Chem

Aug 60

123,400

61-15729

Nesmeyanov, A. N.  
METHODS OF STABILISING RADIOACTIVE ATOMS  
OBTAINED AS THE RESULT OF NUCLEAR TRANS-  
FORMATIONS (Part I Forml Stabilizatsii Radioaktivnykh  
Atomov Poluchayushchikhya v Rezul'tate Yadernykh  
Prevrashchenii). Feb 61 [17]p. 53 refs. RTS 1627.  
Order from LC or SLA m\$2.40, ph\$3.30      61-15729

Trans. of Khimicheskaya Nauka i Promyshlennost'  
(USSR) 1959 (v. 4) no. 4, p. 435-441.

1. Radioisotopes--  
Stabilization
  2. Nuclear reactions
- I. Nesmeyanov, A. N
  - II. RTS-1627
  - III. Department of Scientific  
and Industrial Research  
(Gr. Brit.)

160947

Office of Technical Services

(Nuclear Physics and Nuclear Chemistry. TT. v. 5,  
no. 10)

Radioelements in Solution at Ultramicro Concentrations,  
by I. E. Starik.

RUSSIAN, per, Khim Nauk Prom, No 4, 1959, pp 448-456.

Sci  
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London Oct 17-59/4.5

The Chemistry of Tc, Pm, At and Fm, by Yu. B. Gerht, et al.

RUSSIAN, per, Khim Nauk Prom, No 4, 1959,  
pp 465-472.

Sci - Chem

May 60

~~ABC~~

*Reference to the book*

*KND-59/1.7*

Nonloboctive Isotopen in the Earth's Crust, by A. K.  
Lavrulshina, 21 pp.

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USSR, per, *Uchenye Zapiski*, No. IV, 1958,  
p. 472-473. ~~2094589~~

AEC Tl-4051

01 - Phys  
02 - 62  
03 - 63

18<sup>3</sup> 938

(NY-6902)

Modern Methods of Producing Heavy Water, by  
Ya. M. Varshavskiy, S. E. Vaynsberg, 35 pp.

RUSSIAN, per, Khim Nauka i Prom, No 4,  
1959, pp 498-509.

JPRS 12674

USSR  
Sci - Engr  
Feb 62

183, 783

Effect of Nuclear Radiation on Gaseous Reactions;  
by S. Ya. Pshezhetskiy, 14 pp.

RUSSIAN, ~~per, Khim Nauka i Prom.~~ Vcl. IV, No 4,  
1959, pp 509-515. 9079353

AEC Tr-4622

Sci  
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The Effects of Ionizing Radiation on Aqueous  
Solutions of Inorganic Compounds, by P. I. Dolin,

RUSSIAN, per, Khim Nauk Prom, No 4, 1959,  
pp 516-521.

Sci - Chem  
Apr 60

\*ABC

*J. I. Dolin et al.*  
*Sci. Rep. No. 51P-59/413*

OTS 6120078

Utilization of Ion-Exchange Chromatography for  
the Separation of Transuranic and Radioactive  
Rare Earth Elements, by B. K. Probozhenskiy,  
16pp.

RUSSIAN, per, Khim Nauk i Prom, Vol IV, 1959,  
pp 521-526.

ABC UCRL-Tr-551(L)

Sci - Phys  
21 Feb 61

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Radiometric Methods, by V. I. Baranov,  
RUSSIAN, per, Khim Nauka i Prom, Vol 4, 1959,  
pp 526-530.  
C.E. Trans 5313

Sci-  
June 70

Surface-Active Substance and Their Application  
(Poverkhnostnoaktivnye Veshchestva i ikh  
Primenenie), by P. A. Rebinder.

RUSSIAN, per, Khim Nauka i Prom, Vol IV, No 5,  
1959, 12 pp.

\*PL-480  
OTS 63-11146

Sci -  
Aug 63

Some Regularities of Distribution of Individual  
Compounds in a Mixture of Telomers, by A. A.  
Bayer, et al.

RUSSIAN, per, Khim Masla i Prom, Vol IV, 1959,  
pp 547, 548.

ATRS 2396  
ATB 15 1959

Sci - Chem

138,278

Rebinder, P. A.  
SURFACE-ACTIVE SUBSTANCES AND THEIR  
APPLICATION (Poverkhnostno-Aktivnye Veshchestva i  
Ikh Primenenie). 1963, 19p. 38 refs. PL-480 Int.  
Order from OTS \$0.50 63-11146

Trans. of Khimicheskaya Nauka i Promyshlennost'  
(USSR) 1959, v. 4, no. 5, p. 554-565.

DESCRIPTORS: \*Surface-active substances, Chemical  
properties, \*Foaming inhibitors, \*Colloids, Stabiliza-  
tion, Inhibition, \*Plasticizers, \*Detergents.

(Materials, TT, v. 9, no. 11)

63-11146

I. Rebinder, P. A.  
II. PL-480 Int (63-11146)  
III. National Science  
Foundation,  
Washington, D. C.

Office of Technical Services

Some Derivatives of Sydnoneimines,  
by V. F. Vasileva, V. G. Yashunskiy.

RUSSIAN, per, Khim Nauka i Prom, No 4,  
1959, pp 678-679.

CSIRO

Sci - Chem  
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Polyester and Polyamide Resins Containing  
Phosphorus, by K. A. Petrov, V. A. Parshina,  
5 pp.

RUSSIAN, per, Khim Nauk i Prom, Vol IX,  
No 4, 1959, pp 686-687.

SLA 60-18145

195, 968

Sci  
Vol 4, No 10  
May 62

Surface-Active Substances and Their Application,  
by P. A. Rebinder, 19 pp.

RUSSIAN, per, Khim Nauka i Prom, Moscow,  
Vol IV, No 5, 1959, pp 554-565. 9207842

PL-480  
OTS 63-11146

Sci = Chemistry  
Jun 63  
IPST No 761

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<p>Petrov, N. A. SURFACE-ACTIVE MATERIALS IN THE FOOD INDUSTRY (Poverkhnostno-Aktivnyye Veshchestva v Pishchevoy Promyshlennosti). Mar 61 [13]p. 23 refs. RTS 1751 Order from LC or SLA ml\$2.40, ph\$3.30 61-19220</p>	<p>61-19220</p> <ol style="list-style-type: none"><li>1. Food additives-- Properties</li><li>2. Surface-active agents-- Applications</li></ol> <ol style="list-style-type: none"><li>I. Petrov, N. A.</li><li>II. RTS-1751</li><li>III. Department of Scientific and Industrial Research (Gt. Brit.)</li></ol>
<p>Trans. of Khimicheskaya Nauka i Promyshlennost' (USSR) 1959, v. 4, no. 3, p. 617-622.</p>	<p>10065.</p>
<p>(Food, TT, v. 5, no. 12)</p>	<p>Office of Technical Services</p>

Development of a Unified Theory of Catalysis.  
Structural and Energetic Factors\* by  
A. A. Balandin, 14 pp.

RUSSIAN, per, Khim Nauka i Prom, Vol IV, No 5,  
1959, pp 655-661. 9077080

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RJ 2527

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Sci - Chem  
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Shorygina, N. N. and Izumrudova, T. V.  
CONTEMPORARY CONCEPTS ABOUT THE  
STRUCTURE, THE PROPERTIES AND THE  
MANNERS OF APPLICATION OF LIGNINS  
(Sovremennye predstavleniya o stroenii, Svoistvakh i  
Putyakh Ispol'zovaniya Ligninov). [1961] [36]p.  
(foreign text included) 71 refs.  
Order from OIS or SIA \$3.60

62-10448  
Trans. of Khim[icheskaya] Nauka i Prom[yshlennost']  
(USSR) 1959, v. 4, p. 747-756.

DESCRIPTOR: \*Lignin, Chemical analysis, \*Wood  
pulp, Processing, Wood.

(Materials--Wood, IT, v. 8, no. 3)

62-10448

- I. Shorygina, N. N.
- II. Izumrudova, T. V.

Office of Technical Services

61-10401

Kochetkov, N. K., Nifant'yeu, E. Ye., and  
Schubayev, V. N.  
NEW SYNTHESIS OF PHENANTRENES. [1961] 2p.  
Order from LC or SLA ml\$1.80, ph\$1.80      61-10401

Trans. of Khimicheskaya Nauka i Promyshlennost'  
(USSR) 1959, v. 4, p. 808.

A method of synthesis of the phenanthrene structure is  
described by which the previously unattainable  
10-alkyl-1,2,3,4-tetrahydrophenanthrene and 9-alkyl-  
phenanthrene can be obtained.

- I. Phenanthrene--Synthesis
- I. Kochetkov, N. K.
- II. Nifant'yeu, E. Ye.
- III. Schubayev, V. N.

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(Chemistry--Organic, LT, v. 5, no. 10)

The Use of Certain Radiochemical Reactions in  
Organic Synthesis, by R. V. Dzhagatspanyan &  
V. I. Zetlin.

RUSSIAN, per. Khimicheskaya Nauka i Promyshlennost,  
Vol 4, No 6, 1959, pp 761-769.

ACSI J-4582  
ID 2204012368

Sci/Chem  
June 68

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Sulfur Compounds of Petroleum, by S. S. Nazetkin,  
19 pp.

RUSSIAN, bk. Khimiya Nefti, 1955, pp 233-248,  
Encl to IR-1546-56, AFOIN. CIA 550581

AF 1016595

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Sep 56 CTS

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(NY-7127)

CHEMISTRY OF NEW HYPOTENSIVE AGENTS, BY  
NIKOLAY MIKHAYLOVICH TURKEVICH, 234 PP.

RUSSIAN, & BK, KHIMIYA NOVYKH GIPOTENSIVNYKH  
SREDSTV, KIEV, 1961, PP 1-207.

JPRS 14670

SC - CHEM

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FTD (TDBIR)      ~~1947~~      ~~BT68-10-892T~~  
Request translation check      11-8-4      BT69-1-1648T

Effect of hydrophobization of the surface of glass fibers  
on their properties  
M. S. Aslanova  
Russ: Khim. Obrab. Poverkh. Stekl. Volokna, 1966, 10-4

*In process as  
MT-24-52-70*

*Little negative  
28 Aug 69*

*Negative  
8 May 68*

(SF-1878)

Conference on the Subject of the Toxicology  
of Compounds With High Molecular Weight and  
Chemical Raw Materials Used for Their  
Synthesis, by E. Yu. Kalinin, 7 pp.

RUSSIAN, per, Khim Oshchivani D. I.  
Moskva, Vol VI, No 5, 1961, pp 577-580.

JPRS 13670

193, 513

Sci - Chem  
May 62

Oxidation of Unsaturated Compounds with Organic  
Peroxides, by N. Prileshayev, 16 pp.  
RUSSIAN, per. Khimich. Obshch., Vol XLIII, No 4,  
pp 609-620.  
Dept of Navy ONI tr 2485

Sci-Chem  
Nov 67

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Oxidation of Unsaturated Compounds with Organic  
Peroxides, by N. Prileshayev, 43 pp.  
RUSSIAN, per. Khimich. Obshch., Vol 42, 1910,  
pp 1387-1418.  
Dept of Navy ONI tr 2478

Sci-Chem  
Nov 67

343.754

Oxidation of Unsaturated Compounds by Organic  
Peroxides, by N. Prilezhayeva, 47 pp.  
RUSSIAN, par. Khimicheskoye Obshchestvo, Vol 44,  
1912, pp 613-647. P500032568  
Dept of Navy/NIC Tr No 2520

Sci-Chem  
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Oxidation of Unsaturated Compounds with  
Organic Peroxides, by N. Prilezhayev, 16 pp.  
RUSSIAN, per, Khimich. Obshch, Vol XLIII,  
No 4, pp 609-620 P500019563  
Dept of Navy/NIC Trans No 2485

Sci-Chem  
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(SF-2302)

CHEMICAL WEAPONS AND PRINCIPLES OF ANTICHEMICAL  
DEFENSE, BY A. A. STEPANOV, V. N. POPOV, 112 PP.

RUSSIAN, BK, KHIMICHESKOYE ORUZHIE  
I OSNOVY PROTIVOKHIMICHESKOY ZASHCHITY,  
MOSCOW, 1962, PP 1-126.

JPRS 15107

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SEP 62

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Chemical Processing of Fuels, 110 pp.

RUSSIAN, bk, Khimicheskaya Pererabotka Topliva,  
1954.

OTS 60-51176 (PL 480)

Sci - Fuels  
Aug 61

162,801

Low-Temperature Carbonization of Solid Fuel and the  
Problems of Scientific Research Work in This Field, by  
I. Kozakov, G. N. Beuredetskiy, 13 pp.

RUSSIAN, in, Khimicheskaya Pererabotka Topliva. Trudy II  
Natsionalnogo Soveshchaniya po Industriyatsionnoi Khimii  
i Tekhnologicheskoi Nauke, 1957, pp 3-17.

ONS 60-51176  
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ci - Fuels

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The Role and Significance of Scientific Investigations  
in the Field of Efficient Low-Temperature Tar Utilization,  
by V. A. Lamin, 5 pp.

RUSSIAN, in, Khimicheskaya Pererabotka Topliva. Trudy II  
sesyuznogo Sovetskaya po ~~INDUSTRIALNAYA ZHIGENIYA~~  
topliva i Tekhnologicheskia Gasa, 1957, pp 18-22.

ONS 60-51176  
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Sci - Fuels

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May 61

PST 104

Low-Temperature Carbonization of the Ukrainian  
Lignites with Solid Heat Carrier, by G. M.  
Shchegolev, 11 pp.

RUSSIAN, in, Khimicheskaya Pererabotka Topliva. Trudy  
II Vsesoyuznogo Soveshchaniya po Industriyemomu Zhidkomu  
Topliva i Tekhnologicheskimi Osnovaniyami, 1957, pp 45-55.

OSB 60-51176  
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Eci - Fuels

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Low-Temperature Carbonization of Coal Fires in a Fluid Bed, by G. N. Bezradstakiy, N. I. Turakiy, 9 pp.

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OTB 60-51176  
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Sci - Fuels

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ONS 60-51176  
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Sci - Fuels

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OTS 60-51176  
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OTS 60-51176  
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Sci - Fuels  
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JPRS 31,577

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Sci-Mat  
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FXC 69-112165111

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Sci-Mat  
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of Furfural under the Conditions of Hydro-  
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V. S. Gromov.

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Zashchita Drevesiny, pp. 53-61, 1964.  
RU 69-11218-111

Sci-Mat  
July 69

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Order from ATS \$12.50

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Trans. of mono. Khim[ya] i Primenenie Fosfororgan-  
icheskikh Soedinenii. Izd. Nauk SSSR, Leningrad.  
Filial, tr. Konf. (no. 2) 1959 [Moscow] 1962, p. 43  
p. 443-452.

A complete trans. of mono. is available from OTS or  
SLA \$38.50 as 62-33349, JPRS-15432, 25 Sep 62 [1160]p.

DESCRIPTORS: Organic compounds, \*Phosphorus  
compounds, \*Cholinesterase, Toxicity.

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

63-12646

I. Frankov, I. A.  
II. ATS-89P65R  
III. Associated Technical  
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Orange, N. J.

ATS RJ-4012

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JPRS 11942

Sci - Med

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Jan 62

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by Aleksandr Sergeevich Mozhukhin,, Foma  
Yurevich Rachinskiy, 282 pp.

RUSSIAN, bk, ~~Khimicheskaya Profilaktika Radiatsionnykh~~  
~~Porazheniy~~, Moscow, 1964, pp 1-244.

JPRS 27227

Sci-Biol & Med  
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TION OF THE TREATMENT OF THE SOLIKAMSK  
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DESCRIPTORS: \*Sodium compounds, \*Potassium  
compounds, \*Chlorides, Solubility, Black liquor,  
Crystallization, Manufacturing methods, Chemical  
engineering, Rock salt.

(Engineering--Chemical, TT, v. 10, no. 7)

63-14608

- I. Title: Sylvinite
- I. Vol't, F. F.
- II. Yamlov, V. S.
- III. Title: Question . . .

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TT-61-28111

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Preobrazhenskii, N. A.  
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ACID. Zeldi D. Knowles, tr. 15 May 51, 8p 3refs  
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- I. Magidson, O. Yu.
- II. Zil'berg, L. G.
- III. Preobrazhenskii, N. A.
- IV. National Institutes of Health, Bethesda, Md.

Trans. of [Khimicheskaya Promyshlennost'] (USSR)  
1928, v. 5, no. 11/12, p. 528-529.

DESCRIPTORS: \*Acetic acids, \*Chlorination, \*Chloro-  
acetic acid, Synthesis (Chemistry), Catalysts, Sulfur

(Chemistry--Organic, TT, v. 11, no. 4)

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The Chlorination of Acetic Acid, by E. A.  
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CTC TT-61-23015  
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<p>DESCRIPTORS: Sodium compounds, *Carbonates, Production, *Solvay process, Analysis.</p>	<p>Office of Technical Services</p>
<p>(Unannounced)</p>	

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Order from ES \$18.00

Trans. of [Khimicheskaya Promyshlennost'] (USSR)  
1929, v. 6, p. 1570-1585.

DESCRIPTORS: Sodium compounds, Carbonates,  
Production, \*Solvay process, Analysis.

(Unannounced)

61-25127

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- II. Sholin, I. N.
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Pershke, V. K. and Chufarov, G. I.  
THE PREPARATION OF HYDROCHLORIC ACID AND  
MAGNESIUM OXIDE FROM MAGNESIUM CHLORIDE.  
[1963] 18p (figs omitted) 6refs  
Order from OTS, SLA, or ETC \$1.60 TT-64-10726

Trans. of [Khimicheskaya Promyshlennost'] (USSR)  
1930, v. 7, p. 332-335.

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

TT-64-10726

I. Pershke, V. K.  
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II. [1963] [7p] 1ref  
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See also TT-64-10726

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

TT-64-10239

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II. Lohvitskaya, A. P.

Office of Technical Services

62-14044

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46p. (13 figs. omitted) 12 refs.  
Order from OTS or SLA \$4.60

62-14044

Trans. of [Khimicheskaya Promyshlennost'] (USSR)  
1931, v. 8, no. 17, p. 4-17.

DESCRIPTORS: Sodium, Ammonia, Decomposition,  
Sodium compounds, Bicarbonates, Carbon dioxide,  
Water, Industrial production

(Unannounced)

I. Yushkevich, N. F.  
II. Avdeeva, A. V.  
III. Title: Calcination...

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Trans. of [Khimicheskaya Promyshlennost'] (USSR)  
1931, v. 8, no. 17, p. 17-25.

DESCRIPTORS: \*Chlorides, \*Potassium compounds,  
\*Sodium compounds, \*Magnesium compounds,  
Chemical equilibrium, Solubility, Separation,  
Evaporation, Chemical precipitation.

(Chemistry--Physical), TT, v. 10, no. 9)

63-18107

I. Akhumov, E. I.  
II. Vasil'ev, B. B.

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SLA 59-10736

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<p>(Chemistry--Organic, TT, v. 5, no. 12)</p>	

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63-18110

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DESCRIPTORS: \*Magnesium compounds, \*Chlorides,  
Solutions. \*Evaporation, Vacuum systems, \*Vapor  
pressure.

(Chemistry--Physical, TT, v. 10, no. 9)

63-18110

I. Pershke, V. K.  
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TT-61-18322

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METHANE. [1961] 15p 33refs.  
Order from OTS, SLA, or ETC \$1.60 TT-61-18322

I. Karzhavin, V. A.  
II. Boguslavskii, I. M.  
III. Smirnova, Z. M.

Trans. of [Khimicheskaya Promyshlennost'] (USSR)  
1933 [v. 10] no. 8, p. 31-40.

(Chemistry--Organic, TT, v. 12, no. 4)

Office of Technical Services

TT-61-18338

Karzhavin, V. A. and Leibush, A. G.  
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CONVERSION OF GASES WITH A HIGH CONTENT OF  
UNSATURATED HYDROCARBONS: POISONING OF A  
NICKEL CATALYST BY HYDROGEN SULFIDE. [1961]  
13p 7refs.

Order from OTS, SLA, or ETC \$1.60 TT-61-18338

Trans. of [Khimicheskaya Promyshlennost'] (USSR)  
1934 [v. 11] no. 5, p. 45-53.

I. Karzhavin, V. A.  
II. Leibush, A. G.  
III. Title: Poisoning ...

(Chemistry--Physical, TT, v. 12, no. 4)

Office of Technical Services