

Methods of Predicting Avalanche Danger From  
Snowfall Density in the Tien Shan, by  
M.P. Shchemakov. 12 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Geograficheskaya, Vol 3, 1966, pp 100-111  
\*CINSEP TP 69-53023

sci/earth sci  
may 69 69

Third Conference of Young Geographers-Specialists  
on Siberia and Far East, by K. N. D'yakonov.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Geograficheskaya, No 5, G23, I 95,  
1966, No 5.  
AMS

USSR  
Geog  
Aug 67

377.725

Bulletins of the Academy of Sciences of the  
USSR, by S. Ye. Hlagovolin,  
RUSSIAN, per, Izvestiya Akademiy Nauk SSSR,  
Seriya Geograficheskaya, No 6, 1966.  
AMS Call No G23, 195, No 6

Sci-Ear Sci  
Mat 67

319,116

Urbanization in Socialist Countries of  
Foreign Europe (Development of Productive  
Forces in the Economic Regions of the USSR,  
by Y. L. Pivovarov, V. V. Vladimirov,  
et al. 33 pp.  
RUSSIAN, per, Iz Ak Nauk SSSR Geographical Se  
Ser No 6, 1966, pp 18-29; 57-67.  
DIA LN 97-67

USSR/Geogr  
Mar 67

322,219

Bulletins of the Academy of Sciences of the  
USSR Geography Series, by Soderzhaniye,  
12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, No 6, 1966,

Seriya Geograficheskaya, pno 1-6, 1966.

AMS Call No G23,I95,1966, No 6.

Sci-E. Sci  
Mar 67

320,42769

Bulletins of the Academy of Sciences of the  
USSR, Geography Series, No 6, 1966,  
by G. A. Avsyuk, B. A. Fedorovich, 3 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk  
SSSR, No 6, 1966, Seriya Geograficheskaya,  
AMS Call No G23, 195, 1966, No 6

Sci-E. Sci  
Mar 67

320,707  
~~320,707~~

Two Conferences on Urgent Problems of Developing Countries, by V. A. Pulyarkin and G. N. Utkin, 9 pp.

RUSSIAN, per, Izvestiya Akademii Nauk SSSR: Seriya Geograficheskaya, No. 2, 1967, pp. 159-163.

JPRS 42309

USSR  
Econ  
Sept 67

339,333

Territorial Displacements in the Utilization of  
USSR Natural Resources in the Soviet Period, by  
I. V. Kozar, 22 pp.

RUSSIAN, per. Investiya Akademii Nauk SSSR,  
Seriya Geograficheskaya, No 5, Sep-Oct 1967,  
pp 31-53.  
JPRS 43769

USSR  
Econ  
Jan 68

348.517



Problems of Using Natural Resources for Rest  
and Tourism, by V. S. Probrashimskiy, N. P.  
Shelomov, 13 pp.  
RUSSIAN, par. Investiya Akademii Nauk SSR, Seriya  
Geograficheskaya, No 5, Sep-Oct 1967, pp 5A-62.  
JPRS 43768

USSR  
Econ  
Jan 68

348,515

Jubilee Session of the Scientific Council  
Institute of Geography, Academy of Sciences  
of the USSR Devoted to the 50th Anniversary  
of the Great October Socialist Revolution, by  
I. N. Steshenskaya, K. N. Chernozhukov.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Geograficheskaya, No 1, 1968.  
Army Topographic Command  
G23, I 95, 1968, No 1

Sci-Misc  
Feb 69

373,712

Standardization of Geographic Names, by  
E. M. Murzayev.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Geograficheskaya, No 4, 1968.  
Army Topographic Command  
G23, I95, 1968, No 4

USSR  
Geog  
Feb 69

373,711

Radiation Factors in Recent Climate Changes, by  
M. I. Budyko.  
RUSSIAN, per, Izv AN SSSR, Ser Geog, No 5, 1968,  
pp 36-42.  
NLL Ref: 5828.4F (M7706)

Sci/Atmos  
Dec 69

397,237

Climate Fluctuations and the Problem of Super-  
long-range Forecasting (for 20-30 years), by  
D. L. Dzerdayevskiy.  
RUSSIAN, per, Izv AN SSSR, Ser Geog, No 5,  
1968, pp 43-55.  
NLL Ref: 5828.4F (M 7660)

Sci-Atmos Sci  
Oct 69

395,200

The Depression of the World Climate in the ~~Holocene~~  
Holocene and a Possible Way of Reverting it,  
by P. M. Borisov,  
RUSSIAN, per. Izv. A. N. SSSR Sov. Geog.,  
No 2, 1969, pp 47-54,  
NLL Ref: 5828.4F (7806)

Sci/Atmos  
Mar 70

404,118

*Techniques of Space Geography, Ways of Developing Them  
and Their Uses in Studying the Earth's Natural  
Resources*, by B. V. Vinogradov, K. Ya. Kondrat'yev.  
RUSSIAN, per, Izv. Akad. Nauk SSR. Seriya Geografiches-  
kaya, No 2, 1970, pp 86-102.  
NASA TT F 13,810

aug 71

Transport. Use of Western Siberian Rivers Analyzed,  
by L. K. Melnik, 16 pp.  
RUSSIAN, per. Izvestiya Akademii Nauk SSSR, Seriya  
Geograficheskaya, Moscow, No 6, Nov-Dec 1970,  
pp 55-62.  
JPRS 52363

Sci-Navi, Commun  
Feb 71



Study Attempts to Determine Location  
Patterns of Processing Industry, by  
G. A. Privalovskaya, 18 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk  
SSSR; Seriya Geograficheskaya, Moscow,  
No 6, Nov-Dec 70, pp 63-74.  
JPRS 52761

USSR/Econ  
Apr 71

Man and Environment - Present Day Aspects of  
the Problems, by I.P. Gerasimov, 10 pp.  
RUSSIAN, per. Izv Akad Nauk SSSR Ser. Geografich  
eskaya, No 1, 1971, pp 5-13.  
ACSI-K-2549  
FSTC-HT-23-1988-72

June 72

Utilization and Conservation of USSR Water  
Resources, by M. I. L'vovich, M. I. Koronkovich,  
23 pp.  
RUSSIAN, par. Izvestiya Akademii Nauk SSSR,  
Seriya Geograficheskaya, Moscow, No 2, 1971,  
pp 35-47.  
JPRS 53735

Aug 71

Migratory Trends of Population Described, by  
I. I. Chavolunidsno, 8 pp.  
RUSSIAN, par. Izvestiya Akademii Nauk SSSR --  
Seriya Geograficheskaya, Moscow, No 2, Mar-  
Apr 1971, pp 55-60.  
JPRS 53213

June 71

Agency: U.S.Army Cold Regions Rec. & Eng.Lab  
73-T-22 R-15557-D  
Title: Permafrost erosion in Yamal  
Author: Shamanova, I. I. (CRREL Bib 26-938)  
Source: Akad. Nauk SSSR.Izvest.Seriia Geo-  
graficheskaiia 2:92-98,Mar-Apr 71.  
Language: Russian  
Spec.instr.: Please translate & type single  
space no paste-up leave space  
translate footnotes & headings  
of illustrations

CEMA Integration as a Problem of Economic Geography, by P. M. Alampiyev, 13 pp.  
RUSSIAN, per, Izvestiya Akad. Nauk SSSR. Seriya Geograficheskaya, Moscow, no 3, may-june 1971. pp 12-19.  
JPRS 53842

Aug 71

Development of Ob<sup>o</sup>-Ishjrah Arms Described, by  
A. Ye. Lovintov, 16 pp.  
RUSSIAN, per, ~~Isvestiya Akademii Nauk SSSR,  
Seriya Geograficheskaya, Moscow, No 3, May-  
June 1971, pp 47-57.~~  
JPRS 53728

Aug 71

Conference on Problem of Computing Water  
Balances, by Yu. N. Kulikov, 7 pp.  
RUSSIAN, par. Izvestiya Akademii Nauk SSSR,  
Seriya Geograficheskaya, Moscow, May-June 1971,  
pp 125-127.  
JPRS 53735

Aug 71



Factors in Distribution of Primary Processing  
Sectors Analyzed, by G. A. Privalovskaya, 16 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Geograficheskaya, Moscow, No 6, 1971,  
pp 56-67.  
JPRS 55634

Apr 72

Resource Factor in Distribution of Extractive  
Industry Examined. by T. G. Runova, 14 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Geograficheskaya, Moscow, No 6, 1971,  
pp 68-77.  
JPRS 55634

Apr 72

Southern Ob'-Irtysk Industrial Development  
Problems Analyzed, by G. A. Averin, 10 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR;  
Seriya Geograficheskaya, Moscow, No 1, 1972,  
pp 71-76.  
JPRS 55592

Apr 72

Agency: ACSI 9244/0086  
P.) : K-3623 7 March 73  
Titles: Various  
Authors: Various  
Source : IZVESTIYA AN SSSR SERIYA  
GEOGRAPHICHESKAYA NO. 6 - 72 pp. 25-67  
Language: Russian  
Instructions: Please translate & type on plain  
bond 8" x 10 1/2", single-spaced  
Document may be cut for paste-ups  
Suspense Date: 2-6 Apr 73 if possible

Structure of Temperature Field in Turbulent Flow,  
by A. M. Obukhov. 18 pp.  
RUSSIAN, per, AN SSSR, Izvestiya. Seriya Geografi-  
cheskaya i Geofizicheskaya, Vol 13, No 1, 1969,  
pp 58-69.  
AIR/FTD-HT-23-394-70

sci/astro *handwritten*  
feb 71

Seismic Methods to Determine Black Sea Basin  
Granite-Free Region, by P. Sh. Mindeli, 11 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Geologicheskaya, No 2, Feb 65, pp 7-15.  
JPRS 29400

USSR  
Sci-Earth Sciences & Astronomy  
Apr 65

277,499

Some Pre-Cambrian Tilloids in the USSR, by N.  
M. Chumakov.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR.  
Seriya Geologicheskaya, No 2, 1965, pp 83-101.  
NLL RTS 3125

Sci-Earth Sci  
Nov 67

345,276

Eighth Session of the International Association  
on the Geological Study of the Deep Zones of the  
Earth's Crust, by Ye. V. Pavlovskiy, 12 pp  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Geologicheskaya, No 2, Feb 65, pp 154-160.  
JPRS 29398

USSR  
Sci-Earth Sciences & Astronomy  
Apr 65

277,500



IZV AN SSSR, SERIYA GEOLOGICHESKAYA, No 3, 1965,  
pp 20-37  
AGI IGR, v9, N1, p 78

ORDER FROM NTC

IZVESTIYA AN SSSR, SERIYA GEOLOGICHESKAYA, No 3, 1965  
pp 51-57

AGI IGR, v9, N2, p 154

ORDER FROM NTC

Some Patterns of Seismic Dislocations in the  
Far East, by V. N. Aver'yanova, 21 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Geologicheskaya, No 5, May 1965,  
pp. 93-114.  
JPRS 30710

USSR  
Sci-ES/A  
Jul 65

282,895

IZV ANSSSR, SERIYA GEOLOGICHESKAYA, No 7, 1965,  
pp 66-73  
AGI IGR, V9, N9, p 1229

ORDER FROM NTC

IZV AN SSSR, SERIYA GEOLOGICHESKAYA, No 7, 1965,  
pp 74-94  
AGI IGR, V9, N9, p 1212

ORDER FROM NTC

IZV AN SSSR, SERIYA GEOLOGICHESKAYA, No 7, 1965,  
pp 95-107  
AGI IGR, V9, No 8, p1067

ORDER FROM NTC

Physical Properties of Rocks in Structural  
Formation Zones of the Northern Caucasus and  
Their Importance in Interpreting Geophysical  
Data, by G. D. Afanes'yev. 42 pp.  
RUSSIAN, per, Izv. Akad. Nauk SSSR, Ser. Geol.,  
No 9, 1965, pp 5-27.  
NASA TT-F-13415

July 71

IZV AN SSSR, SERIYA GEOLOGICHESKAYA, No 9, 1965,  
pp 42-52  
AGI IGR, V9, N1, p 30

ORDER FROM NTC



IZV AN SSSR, SERIYA GEOLOGICHESKAYA, No 10, 1965,  
pp 63-74  
AGI IGR, V9, N1, P1

ORDER FROM NTC

IZV AN SSSR, SERIYA GEOLOGICHESKAYA, No 10, 1965,  
pp 120-125  
AGI IGR, V9, N2, p 225

ORDER FROM NTC

Isotope Equilibrium and Geological Problems,  
by A. P. Vinogradov, 16 pp.  
RUSSIAN, per, Izvestiya AN SSSR, Seriya Geo-  
logicheskaya, No 1, Jan 1966, pp. 7-16.  
JPRS 34535

USSR  
Sci-ES/A  
Mar 66

297,034

Field Session of the Department of Earth Sciences Academy of Sciences USSR in the Far East, by Ya. G. Ter-Oganessov, M. A. Favor-skaya, Ye. K. Ustiyev and G. I. Reyaner, 20 pp.

RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, No 1, Jan 1966, pp. 155-164.  
JPRS 34535

USNR  
Sci-EE/A  
Mar 66

297,035

Computation of the Elastic Parameters of Rocks  
From Their Mineralogical Composition, by  
K. S. Aleksandrov. 27 pp.  
RUSSIAN, per, Izv. Akad. Nauk SSSR, Ser. Geol.,  
No 2, 1966, pp 3-19.  
NASA-TT-F-13446

NTC 72-12542-086

July 71

The Structure of the Sedimentary Complex in  
the Deep Black Sea Depression South of the  
Crimea, by A. F. Neprochnova, Yu. P.  
Neprochnov, I. N. Yel'nikov.  
RUSSIAN, per, Investiya AN SSSR. Seriya  
Geologicheskaya, No 7, 1966, pp 64-74.  
ATD Lab of Congress  
Geosciences and Technology Bulletin  
Vol II, No 5

336,947

Sci - Earth Sciences and Oceanography  
Sep 67

The Deep structure of the Lake Baikal  
Depression According to Geophysical Findings,  
by Yu. A. Zorin, 15 pp.  
RUSSIAN, per, Iz Ak Nauk SSSR, Geol Series,  
No 7, 1966, pp 75-85. P942166967  
DRB Canada T 473 R

Sci - Earth Sci & Oceano  
May 67

326,998

Obituaries of Eight Soviet Scientists, by S.  
Kovalevskiy, V. V. Tikhomirov and I. B.  
Panyutina, 13 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Geologicheskaya, No. 7, July 1966,  
pp. 132-140.  
JPRS 38500

USSR  
Biog  
Dec 66

314,104



*IZV ANSSSR, SERIYA GEOLOGICHESKAYA, No 9, 1966,*

*pp 7-9*

*AGI IGR, V9, N3, p 323*

*ORDER FROM NTC*

Importance of Ground-Water Helium Saturation in  
Oil and Gas Prospecting, by E. K. Gutsalo, 17 pp.  
RUSSIAN, per, Izv AN SSSR, Ser Geologicheskaya,  
Vol 31, No 9, 1966, pp 111-116.  
AEC/UCRL-Tr-10483-70

Sci/Earth  
Nov 70

*IZV ANSSSR, SERIYA GEOLOGICHESKAYA, No 10, 1966,  
pp 18-30  
AGI IGR V9, N5, p 669*

*ORDER FROM NTC*

About the Age of the Enemtensky Formation of  
Western Kamchatka, by V. N. Sinel'nikova, 17 pp.  
RUSSIAN, per, Izv Ak Nauk SSSR, Seriya Geolog.  
No 1, 1967, pp 68-74.

Dept of Interior  
Bureau of Commercial Fisheries  
Office of Foreign Fisheries  
A-34-Dec 1969-No 76  
On Loan

USSR/Geog  
Mar 70

404,789

Certain Geological and Geophysical Facts and  
Their Interpretation in Relation to the Earth's  
Crustal Composition and Structure, by G. D.  
Afnas'yev.

RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Geology Series, No 5, May 1967, pp 3-18.  
\*ACIC TC-1409

Sci-Far Sci  
May 68

On the Pliocene, by V. N. Sinelnikova, L. A. Skiba,  
20 pp.  
RUSSIAN, per, Izv Ak Nauk SSSR, Seriya Geologicheskaya,  
No 8, 1967, pp 114-124.  
Dept of Interior  
Bureau of Commercial Fisheries  
Office of Foreign Fisheries  
A-34-Dec 1969-No 77  
On Loan

Sci/Misc  
Mar 70

404,790

Pattern of Helium Distribution in the Ground  
Waters of the Russian Plateau, by A. N. Voronov,  
12 pp.  
RUSSIAN, per, Izv AN SSSR, Ser Geologicheskaya,  
Vol 32, No 12, 1967, pp 127-132.  
AEC/UCRL-Tr-10484-70

Sci/Earth  
Nov 70

Possible Sources of Error in Determining the Age  
of Minerals by the Track Method, by I. G. Berzina.  
RUSSIAN, per, Akademiya Nauk SSSR. Izvestiya. Seriya  
Geologicheskaya, No 4, 1968, pp 114-119.  
NTC-71-10187-08G

Nov 71



L. Ya. Kizilshtein

The Origin of Framboidal Forms of Pyrite.  
RUSSIAN, rpt, Akademiya Nauk SSSR. Izvestiya.  
Seriya.Geologicheskaya, No 5, 1969, pp 61-68.  
NPC 72-13041-08G

Nov 72

*Vinogradov, B. V.*

*Applications of space photography in geology. 14 pp.*  
*IZV AK NAUK SERIYA GEOLOGICHESKAYA, No 1, 1970, pp 16-27*  
*JPRS 51578*

Zvyagintsev, L. I.

*The nature of the anisotropy of the elastic properties  
of monomineral rocks.*

*IZV. AK NAUK SSSR, SERIYA GEOLOGICHESKAYA, No 5, 1970,*

*pp 71-79*

*NTC 72-10196-08G*

*Gladenkov, Yu. B.*

*Yoldiae of the neogene period in Western Kamohatka.*  
*IZV AK NAUK SSSR, SERIYA GEOLOGICHESKAYA, No 8, 1970,*  
*pp 89-100*  
*NTC 72-12024-08G*

RUSSIAN

*Comp. Sp  
pp*CSO: 01068/73 W  
28 Nov 72 SF

Dipole moments of phosphelenes and their oxides,  
by B. A. Arbusov, et. al.

Moscow, In Ak Bank, Ser Khimicheskaya, No 8, not  
further identified, pp 1729-1732.

Ad Hoc

Spec type B

Do not publish

Translator's draft plus one copy.

Carbonium Ions in the Oxidation of Olefins With  
Palladium Chloride, by I. I. Moiseev,  
M. N. Vargaftik.  
RUSSIAN, per, Izv Akad Nauk SSSR Ser Khim,  
No 4, 1965, pp 759-760.  
ATS-4781

Sci  
Dec 68

368,712

Annual General Meeting of the Department of  
Biochemistry, Biophysics, and Chemistry of  
Physiologically Active Compounds, Academy of  
Sciences USSR, 6 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Khimicheskaya, No 5, May 1965, pp. 938-  
940.  
JPRS 31833

USSR  
Sci-B/M  
Sept 65

285,975

Results and Perspectives of Investigations in  
the Field of Synthesis of Zeolites, by S. P.  
Zhdanov.

RUSSIAN, per, Izv. Akad Nauk SSSR Seriya  
Khimicheskaya, No 6, 1965, pp 950-959.

TC-1138

Sci-Chem  
Aug 66

307,591



Study of the Hydrogenation of Adiponitrile With Nickel/  
Magnesium Catalyst in Absence of Ammonia, by L.  
Friedlin.  
RUSSIAN, per Izv. Akad. Nauk. SSSR Ser. Khim. No. 7.  
1969, pp 1248-1253  
GB 39/Dye L.T. 2466

Sci -  
Sep 67

339-838

Chemical Reactions Under a Chromato-  
graphic Separation Regino, by  
S. Z. Roginskii.  
RUSSIAN, per, Akademiya Nauk SSSR.  
Izvestiya. Seriya Khimicheskaya, No 3,  
1965, pp 1321-1330.  
NTC 72-11217-07D

May 72

Anticholinesterase Properties of Some O-Ethyl  
S-Alkyl Methylthiophosphonates. 2. Kinetics of  
Inhibition of Cholinesterase and Acetylcholine-  
sterase by O-Ethyl S-n-Alkyl Methylthiopho-  
sphonates, by Ye. V. Rozengart, Ye. I. Godyna.  
et al. 11 pp.

RUSSIAN, per, Izvestiya Akad Nauk SSSR. Seriya  
Khimicheskaya, No 8, 1965, pp 1370-1375.

9700445

FTD-HT-66-194

JPRS 32,687

Sci/Chemistry

Jun 66

302,535

The Action of Phosphorous Acid Esters on  
 $\alpha$ -Chloroperfluoronitrosocalicenes, by A. A.  
Gevorkyan, B. L. Dyatkin and I. L. Kunyants,  
12 pp.

RUSSIAN, per, Ivestiya Akademii Nauk SSSR,  
Seriya Khimicheskaya, No 9, 1965, pp. 1599-  
1606.

JPRS 33022

USSR  
Sci-Chem  
Dec 65

292,404

N-Benzoylimine of Hexafluoroacetone,  
by Yu. V. Zeifman.  
RUSSIAN, per, Akademiya Nauk SSSR.  
Izvestiya. Seriya Khimicheskaya, 1965,  
pp 2046-2048.  
NTC 72-10552-07C

Apr 72

Oxidation of Propylene by Palladium Chloride  
in Acetic Acid, by A. P. Belov.  
RUSSIAN, per, Izv Akad Nauk SSSR Ser Khim,  
No 12, 1965, pp 2204-2206.  
ATS-4782

Sci  
Dec 68

368,713

Kinetics of Ethylene Oxidation by Palladium  
Acetate in Acetic Acid, by A. P. Belov.  
RUSSIAN, per, Izv Akad Nauk SSSR Ser Khim,  
No 12, 1965, p 2221.  
ATS-1,780

Sci  
Dec 68

368,711

Izvestiya Akademiy Nauk SSSR, Seriya Khimicheskaya,  
1966 - 1967.

Full tr by Consultants Bureau

Available at Ly Serials

Mar 73



Chemisorption of Mixtures of Propylene  
and Oxygen on Antimony-tin Oxide Catalyst  
and Stannic Oxide, by L. E. Derlyukova,  
A. V. Krylova, L. Ya. Margolis.  
RUSSIAN, per, Akademiya Nauk SSSR. Izvestiya  
Seriya Khimicheskaya, No 1, 1968, pp.  
116-23.

NTC 69555609D07D

69-10675-07D

Sci-Chem  
July 69

386,723

Methods of the Separation of an Organic  
Substance with Simultaneous Determina-  
tion of Carbon, Hydrogen and Nitrogen by  
Gas Chromatography, by M. N. Chumachenko,  
I. Ye. Pakhomova.  
RUSSIAN, per, Izv AN SSSR, Ser Khim, No 2,  
1968, pp 235-239.  
NLL Ref: 5828.4F (13013)

Sci-Chem  
May 69

380,702

Formation of Dihydroxydifluoride From Elements  
in a Glow Discharge, by I.V. Nikitin,  
V. Ya. Kozolovskiy. 6 pp.  
RUSSIAN, per, Izvestiya AN SSSR, Seriya  
Khimicheskaya, No 2, 1968, pp 266-269,  
ATV/MD/MI-23-467-68

sci/physics  
may 69

380,143

Organophosphorus Antienzymes Studied, by  
A. A. Akhivakhabov, N. N. Godovikov, 9 pp.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriya Khimicheskaya, No 4, 1968, pp 744-750.  
JPRS 46,116

Sci/Chem  
Aug 68

362,838

Catalytic Copolymerization of Complexed Nitrogen-  
Containing Monomers With Ethylene, by  
P. E. Matkovskii.  
RUSSIAN, per, Akademiya Nauk SSSR, Izvestiya.  
Seriya Khimicheskaya, No 4, 1968, pp 930.  
NTC-71-16062-07C

Jan 72

Mechanism of the Inhibiting Action of Phosphites and Sulphides. 1. Kinetics and Mechanism of the Reaction Between Hydroperoxides and Aliphatic Phosphites, by D. G. Pobedimskiy,

A. L. Buchachenko.

RUSSIAN, per, Izv ANSSSR, Ser Khim, No 6, 1968, pp 1181-1186.

NLL Ref: 5828.4 (13141)

Sci-Chem  
Oct 69

395,107

IZV AK NAUK SSSR, SERIYA KHIMICHESKAYA, No 6, 1968,  
pp 1393-1396  
NTC 70-10793-07C

Synthesis and Properties of Fluoronitroalcohols.  
II (B-Fluoronitroalcohols on the Basis of Glyoxal and  
its Derivatives Containing Different Functional  
Groups), by L. T. Yermenko, G. V. Oreshko, 8 pp.  
RUSSIAN, per, Izvestiya AN SSSR, Ser Khim,  
12 July 1968, pp 1-9.  
Dept of Navy NIC Trans 3016

Sci/Chem  
Apr 70

405,596



The Reaction of Polymer Stabilizers Against  
Light in the Photosensitized Reaction of  
Hydrocarbon Oxidations. Part I. Action  
Mechanism of Light Stabilizers, by  
V. I. Goldenberg, V. Ya. Shlyapintokh.  
RUSSIAN, per, Izv ANSSSR, Ser Khimicheskaya,  
No 7, 1968, pp 1483-1489.  
NTC-69-16572-07E

Sci-Chem  
Feb 70

9  
402, 232

Synthesis of the Polyimide of Pyrazine-  
tetracarboxylic Acid, by V. V. Korshak.  
RUSSIAN, per, Akademiya Nauk SSSR.  
Izvestiya, Seriya Khimicheskaya, No 8,  
1968, pp 1900-1902  
NTC 72-11527-07C

June 72

Trimethylolaminomethane in Mannich Reactions, by  
Z. A. Nesterenko, O. M. Savchonko, 9 pp.  
RUSSIAN, por, Izvestiya AN SSSR, Ser Khim,  
10 Nov 1968, pp 1-8.  
Dept of Navy NIC Trans 3015

Sci/Chem  
Apr 70

405,595

N-(2-Fluoro-2,2-Dinitroethyl)-N-Nitroamino Alcohols  
and Some of Their Derivatives, 9 PP.  
RUSSIAN, per, Izvestiya AN SSSR, Ser Khim,  
19 Nov 1968, pp 1-9.  
Dept of Navy NIC Trans 3014

Sci/Chem  
Apr 70

405,594

IZV AK NAUK SSSR, SERIYA KHIMICHESKAYA, No 10, 1968,  
pp 2232-2236  
NTC 70-10441-07E

Influence of Carbon Dioxide on (Air-Oxidative)  
Butylene Dehydrogenation, by O. V. Atshulter.  
RUSSIAN, per, Akademiya Nauk SSSR. Izvestiya.  
Seriya Khimicheskaya, No 10, 1968, pp 2381-  
2383.  
NTC-70-12712-07C

Feb 72

Spectral Investigations of B-Fluoro-B-Nitroalcohols and Their Esters, by  
L. T. Yaremenko, N. G. Zhitomirskaya, 11 pp.  
RUSSIAN, per, Izv AN SSSR, Ser Khim.,  
pp 2674-2680.  
NAV/NIC/Tran-3052(A)-70

Sci/Chem  
June 70

Spectral Investigations of B-Fluoro-B-  
Nitroalcohols, by L. T. Yermenko,  
N. G. Zhitomirskaya, 12 pp.  
RUSSIAN, per, Izv AN SSSR, Ser Khim.,  
pp 2680-2687.  
NAV/NIC/Tran-3052(B)-70

Sci/Chem  
June 70



Synthesis and Properties of Carbon Chain Polymers,  
by A. M. Sladkov, V. I. Kasatochkin, 10 pp.  
RUSSIAN, per, Izvestiya Akademiya Nauk SSSR, Seriya  
Khimicheskaya, No 12, 1968, pp 2697-2704.  
ARM/FSTC/HP-23-1106-71

June 72

Mechanism of the Inhibiting Action of Phosphites  
and Sulphides, by D. G. Pobedimskiy,

A. L. Buchachenko.

RUSSIAN, per, Izv AN SSSR, Ser Khim, No 12,  
1968, pp 2720-2725.

NLL Ref: 5828.4F (M 13138)

Sci-Chem  
Oct 69

395,172

Synthesis and Properties of Fluoronitro-Alcohols  
II: Functional  $\alpha$ -Fluoronitro-Alcohols Based on  
Glyoxal and its Derivatives, by L. T. Yeremenko,  
G. V. Oreshko, 15 pp.

RUSSIAN, Preprint, Izv Akad Nauk SSSR, Ser. Khim.  
1969.

AEC/UCRL-Tr-10388-69

Sci/Chem  
Dec 69

396,031

Trimethylolaminomethane in Mannich Reactions,  
by D. A. Nesterenko, O. M. Savchenko, 15 pp.  
RUSSIAN, proprint, Izv Ak SSSR, Ser Khim, 1969.  
AEC/UCRL-Tr-10387-69

Sci/Chem  
Mar 70

400,193

Reformation of Gasoline on Rhenum-  
alumina Catalyst Treated With Hydrogen  
Sulfide for the Purpose of Improving  
Octane Characteristics, by

Kh. M. Minachev.

RUSSIAN, per, Akademiya Nauk SSSR.

Izvestiya. Seriya Khimicheskaya,

No 1, 1969, pp 107-109.

NTC 72-10350-21D

Apr 72

Thermal Stability of Tetraethylammonium  
Superoxide  $[(C_2H_5)_4N]O_2$ , by Ye. A. Denisov,  
S. A. Tokareva, et al. 5 pp.  
RUSSIAN, per, Izv. Akad. Nauk SSSR. Ser. Khim.,  
No 1, 1969, pp 152-154.  
AEC/ANL/tr 743

CASTI

sci/chemistry  
oct 69

395,252

Infrared Spectra of Some Organic-Bimetallic  
Compounds Containing A (C sub 2 H sub 5) Sub 2 SB  
Group, by S. Ya. Khorshov, et al.  
RUSSIAN, per, Izv. Akad. Nauk SSSR. Ser. Khim,  
1969, (2), pp 456-457.  
FTD HT-Special 616-69

sci/jan 70

400,975

Fluoropolynitroalkyl Formals, by L. Y. Yeremenko,  
F. A. Natsibullin. 11 pp.  
RUSSIAN, per, Izvestiya AN SSSR, Ser Khim,  
reprint, 31 March 1969, pp 1-9.  
NAV/NIC/Tran-2972-70

Sci-Chem  
Feb 70

401,752



Golovnya, R.V. and V.P. Uralets  
Use of an equivalent isothermal retention index in gas chromatography with linear programming of temperature  
(Primenenie ekvivalentnogo izotermicheskogo indeksa uderzhivaniya dlya identifikatsii v gazovoi khromatografii s lineinym programmirovaniem temperatury)  
Investiya Akad. Nauk SSSR, Seriya khimicheskaya, (3): 679-680. In Russian. 1970

Transl. by Transl. Bur., For. Lang. Div., Dept. of Sec. of State of Canada, for FRNC Halifax Laboratory, Halifax, N.S., 1971, as Transl. Series No. 1692, 6p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MS*

IZV AK NAUK SSSR, SERIYA KHIMICHESKAYA, No 4, 1969,  
pp 848-854  
NTC 70-10794-07C

IZV AK NAUK SSSR, SERIYA KHIMICHESKAYA, No 6, 1969  
pp 1211-1214  
ATS 32W119R