

The Measurements of Electric Field Intensity in
Thunderclouds by Means of a Radiosonde, by V. I.
Arabadzhi, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 1,
1956, pp 85-88.

Assoc Tech Serv

Sci - Electron

Jul 58

67, 166

^e
Abietic Acid - A Primary Resin Acid of the Oleoresin
of the Common Pine (*Pinus Silvestris*), by I. I.
Bardynhev, L. I. Ukhova, 2 pp.

RUSSIAN, three-no per, Dok Ak Nauk SSSR, Vol 111,
No 1, Jul-Aug 1956, pp 89, 90.

Consultants Bureau

Ref - Chem

56,610

Dec 57

On the Addition of Epibikyl Groups to Certain
Unsaturated Acids, by Gilze Kammel, V. A. Eshkin,
4 pp.

RUSSIAN, three-mo per, Dok Ak Nauk SSSR, Vol 211,
No 1, Jul/Aug, 1956, pp 91-95.

Consultants Bureau

Sci - Chem

56, 611

Dec 57

Organoboron Compounds. Synthesis of Complex
Compounds of Unsymmetrical Triarylborons, by
A. G. Naikhsilov, V. A. Mavro, 6 pp.

^B
RUSSIAN, Zhurnal Khim. i Mekh. Neftekhim. Prom. SSSR, Vol. 10,
No. 1, Jul/Aug 1956, pp 95-97.

Consultants Bureau:

Sci - Chem

56, 612

Doc 57

Oxidative Chlorophosphination of Chloro Sub-
stituted Olefins, by L. Z. Soborovsky, Yu. M.
Zinov'yevskii, 4 pp.

RUSSIAN, Khimiko-tekhn. Dokl. Akad. Nauk SSSR, Vol. 101,
No 1, Jul/Aug 1956, pp 95-100.

Consultants Bureau

Sci - Chem

56, 613

Dec 57

Etherates and Dioxenates of Organolithium Compounds,
by T. V. Talalayeva, M. M. Rad, K. A. Kocheshkov,
3 pp. ^h

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol. 612,
No 1, pp 101-104. Jul/Aug 1950

Consultants Bureau

Sci - Chem

56,616

Dec 57

Catalytic Alkylation of n-Heptane With Propylene
and n-Butane With Butylene at High Temperatures
and Pressures, by ¹⁶ L. Kh. Fridlin, S. A.
Balashin, N. M. Kazarova, 1 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CHE,
No 1, pp 105-108. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56,617

Dec 57

Contact Transformations of 1,1'-Disethyldicyclohexyl in
the Presence of Platinized Carbon, by S. I. Khromov,
D. A. Kondratyev, E. S. Balenkova, B. A. Kazanok, 4 pp.

RUSSIAN, ~~Article~~ per, Dok Ak Nauk SSSR, Vol. CXX,
No 1, pp 109-111. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56,614

Doc 57

Investigations in the Field of the Synthesis and
Transformations of Vinyl Silicon Compounds.
Synthesis of Vinylalkyldichlorosilanes by Reaction of
Alkyldichlorosilanes With Acetylene, by M. F. Shostakov-
sky, D. A. Kochkin, 4 pp.

RUSSIAN, three-~~two~~ par, Dok Ak Nauk SSSR, Vol. CII,
No 1, pp 113-116. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56,613

CCT-16-1-7

Dec 57

Cyanoethylated Ketones in the Synthesis of Unsaturated
 δ -Lactones. A New Method of Synthesis of α -Pyrones,
by B. P. Smushkova, M. Yu. Lurya, R. Ye. Levina,
4 pp.

RUSSIAN, three-no per, Dok Ak Nauk SSSR, Vol CIA,
No 1, pp 117-120. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56, 618

Dec 57

Effect of Lubricants on Process of Friction,
by V. D. Kuznetsov, et al.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CIX,
No 1, 1956, pp 124-126.

Henry Bratcher 4549
\$2.90

Sci - Engr

May 59

86, 634

Diffusion Kinetics Under Turbulent Conditions of
Mixing, by A. I. Fedorova, G. I. Vidovich, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CTX, No 1, 1956,
pp 135-138. 9099900

AEC Tr-5042

Sci - Phys
May 62

196, 788

61-15875

Yurk, Yu. Yu.
HYDRATION OF IRON OXIDES AND THEIR CONVERSION TO HYDROXIDES. [1961] 8p. (3 figs. omitted)
7 refs.

I. Yurk, Yu. Yu.
II. Geological Survey of Canada

Order from OTS or SLA \$1.10 61-15875

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1956,
v. 109, no. 1, p. 144ff.

DESCRIPTORS: *Iron compounds, *Oxides, *Hydroxides, Minerals, Magnetite, Iron, Ores, Rock, Crystals, Lattices, Geology, Mining engineering.

(Earth Sciences--Mineralogy, TT, v. 7, no. 7)

Office of Technical Services

The Effect of Light in Glycolate On the Oxidase of
Glycolic Acid in Plants, by P. A. Kolesnikov, S. V.
Emenova, 9 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CIX, 1956, pp
152-155.

AEC Tr 3218

Sci - Biol

May 58

64,824

On the Photoperiodic Reaction in the Colorado
Beetle *Leptinotarsa Deomlineata* Say, by N. I.
Goryshin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 1,
1956, pp 205-208.

CSIRO

Sci - Biol

Jun 61

156,561

The Pollen of Some Contemporary and Fossilized
Species of the Genus Myrica L., by A. N. Gladkova.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol CIX,
No 1, 1956, pp 213-216.

Assoc Tech Sv
\$6.25 TR RJ-758

Sci - Geophysics
Aug 57

51,761

Movement of Radioactive Phosphorus Absorbed by
the Leaves through Tillering Barley Plants, by G.
Zabluda, M. Prosteva.

RUSSIAN, per, Doklady Akademii Nau, SSSR, Vol 109-
No 2, 1956, pp 9-397
OSIRO/No 7574

Sci -
Aug 67

336,435

Failure Due to Repeated Loading, by S. I.
Kutepov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 2,
1956, pp 246-249,

NLL M. 3658

Sci - Engr

Aug 62

207, 159

Realization of Symmetric Functions in the Class
of II (Series-Parallel) Circuits, by V. K.
Korotkov, 6 pp.

RUSSIAN, Izv. Akad. Nauk USSR, Vol. CXX,
No 2, 1956, pp 260-263. 9092916

MDF W-139

070 62-11591

173,473

Sol
Nov 61

Distribution of Turbidity in a Stream With Transverse
Circulation, by A. K. Ananyan, 5 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol XIX, No 2, 1956,
pp 275-278.

Assoc Tech Sv 28M2R

Sci - Physics

*ATS RI-946
52,269*

Sep 57

The Nuclear Quadrupole Moment of U^{233} , by
A. G. Zimin, N. M. Yashin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CIX,
No 2, Jul-Aug 1956, pp 283-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

Regrouping of the Latent Image in the Photographic
Action of Ionizing Particles, by A. L. Kartuzhanskiy,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CIII,
No 2, Jul-Aug 1956, pp 285-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

Sublimation of a Crystal Lattice by a Strong
Shock Wave, by Yu. N. Ryabinin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CIX, No 2, Jul-Aug 1956, pp 209-

Amur Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

331 - Phys
AUG 57

Duration of Fluorescence in Mesoderivatives of Anthracene, by A. S. Cherkasov, V. A. Molchanov, T.M. Vember, K. G. Voldaykina, 3 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Phys Sec, Vol CDK, No 8, Jul-Aug 1956, pp 292-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

An Extension of Ekman's Theory to the
Case of a Non-Uniform Wind and an
Arbitrary Bottom Relief in an Inland
Sea, by A. I. Fel'zenbaum.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol XIX, No 2, 1956, pp 299-302.

CSIRO 3564

Sci - Geophys

Feb # 62

log of ...
AC 5 E 57/86, 5³ 62

A New General Method of Preparation of Amino Acids
of the Aliphatic Series, by Ya. L. Gol'dshteyn, B. P.
Fabrichnyy, I. P. Skulavina, 6 pp.

RUSSIAN, Khimicheskoe posredstvo, Dokl Akad Nauk SSSR, Vol 210,
No 1, pp 305-308. Jul/Aug 1978

2

Consultants Bureau

Sci - Chem

56,619

Doc 57

The Action of Acyl Halides and of the Anhydride
of Acetic Acid on Glycol Esters of Phenylarsinous
Acid, by Gila Kamai, N. A. Chadayeva, 4 pp.

RUSSIAN, Zhice-no per, Dok Ak Nauk SSSR, Vol CII,
No 2, 309-311. Jul/Aug 1956

pp

Consultants Bureau

Sci - Chem

56,620

Dec 57

Reaction in the Systems Carboxylic Acid-Thionyl
Chloride. A New Type of Cationic Catalysis, by
M. Ya. Kraft, V. V. Kostyukina, 4 pp.

RUSSIAN, three-~~no~~ par, Dok Ak Nauk SSSR, Vol. CII,
No 2, pp 312-314. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56,621

Doc 57

On Free Streamline Flow at Subsonic Velocities About
an Infinite Lattice of Flat Plates, by G. A.
Dombrovskiy, 9 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol 027, No 2, 1956,
pp 312-315.

SIA 59-15506

Sci
Nov 59
Vol. 2, No 3

101,515

Hydrogen Exchange of Cyclopentanone, by D. I. Kuznetsov et al.

RUSSIAN, ~~three~~ per, Dok Ak Nauk SSSR, Vol
CIX, No 2, 1956, pp 315-318.

Consultation by Bureau
Co-op Fr Sch Tr 406

Sci - Chemistry
Nov 57

53, 128
S-11-1-3531

Preparation of Esters and Hydroxyketones by
Acylation of Aluminum Phenolates and Aryl Borates,
by Er V. K. Kishov, L. P. Yuryeva, 4 pp.

RUSSIAN, thrice-no par, Dok Ak Nauk SSSR, Vol CIA,
No 2, pp 119-121. Jul/Aug 1956

Consultants Bureau

Sci. - Chem

56, 624

Doc 57

Exhaustive Splitting of Earthy-Brown-Coal
Humic Acids by Metallic Sodium in Liquid
Ammonia, by R. Kukhareenko, T. Vvedenskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX,
No 2, XI 1956, pp 322-324.

CSIRO 3538

Sci - Chem

Feb 62

186, 658

A Study of Cumene Cracking Over Deuteriated Silicon-Alumina Catalyst, by G. M. Panchikov, Z. V. Urganova, V. M. Enalyanova, 4 pp.

RUSSIAN, Zhurnal Khim. Fiz., Dokl. Akad. Nauk SSSR, Vol. 41, No. 2, pp 325-328. Jul/Aug 1976

Consultants Bureau

Sci. - Chem

56, 623

Doc 57

Interconversions of Dipeptides and Their Anhydrides,
by K. F. Poroshin, V. D. Kozarenko, Yu. I. Khurgin,
4 pp.

RUSSIAN, Zhurnalov per, Dok Ak Nauk SSSR, Vol CIX,
No 2, pp 329-333. Jul/Aug 1958

Consultants Bureau

Sci - Chem

56,625

Dsc 57

Synthesis of Organosilicon Compounds of the Type of
Bis (Tetraalkylsilyl) methane) cyclotriphosphoride, by
A. V. Topoliev, E. S. Murstin, L. S. Govanov, 4 pp.

RUSSIAN, three-no part, Dok Ak Nauk SSSR, Vol. 132,
No 2, pp 332-335. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56,626

Dec 57

Reverse Trans to French
by CTC 62-26933

Synthesis of γ -Hydroxyalkylaminonitriles, by
S. V. Tsukerman, V. F. Lyubomirov, 4 pp.

RUSSIAN, thrice-mo per. Dok Ak Nauk SSSR, Vol. 151,
No 2, pp 336-339. Jul Aug 1956

Consultants Bureau

Sci - Chem

56,627

Doc 57

Aminoacyl Derivatives of Nucleosides. Synthesis
of β -Aminoacyl Derivatives of 3- β -D-Glucopyranosyl-
cytosine, by Z. A. Shabarova, M. A. Erekhov, 4 pp.

RUSSIAN, three-no per, Dok Ak Nauk SSSR, Vol 161,
No 2, pp 340-343. Jul/AUG 1978

Consultants Bureau

Sci - Chem

56,628

Dec 57

Investigations in the Field of the Synthesis and
Transformations of Unsaturated Organosilicon
Compounds. Synthesis of Organosilicon Glycols of
the Diacetylene Series, by B. M. F. Shostakovskiy,
I. A. Shikhov, N. V. Kuznetsov, 6 pp.

RUSSIAE, thrice-mo per, Dok Ak Nauk SSSR, Vol. 211,
No. 2, pp 344-346. Jul/AUG 1970

Consultants Bureau

Sci - Chem

56,631

Doc 57

The Specific Catalytic Activity of Aluminosilicates, by
D.P. Dobychin, Tsellinskaya, 9 pp.

RUSSIAN, per, Doklady Akad. Nauk SSSR, Vol 109, 1956,
pp 351-353.

SIA Tr R-1131

Sci

65,798

Deep-Sea Organisms in the Nutrition of Salmon of
the Genus *Oncorhynchus*, by L. D. Andrievskaya.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIX,
No 2, 1956, pp 387-388.

Co-Op Trans Sch Tr 313
16s.Od. (28.Od.)

Sci - Biol
Jun 57

48,459

Content of Carotenoids and the N Fertilization Process in Gynaecia of Different Age in Tomato and Potato ~~MS~~ Plants, by L. I. Orel, G. B. Samorodova, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CIX, No 2, 1956, pp 400-402.

SLA 60-18031

Sci
Feb 62
Vol 4, No 9

184, 681

A Theorem Stating that a Function Having a Finite Number of Smooth Segments can be Expanded into a Series of Characteristic Functions Within an Arbitrary Two-Dimensional Region, by V. A. Ilin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, 1956, pp 442-445

~~SECRET~~
I & R L-T/R-105
per AEC Dec 50

Sci - Phys

Dec 58

02223
Photoelectric Recording of the Lambda λ 5303 Å^o
Emission Line of the Solar Corona by Means of a
Spectrometer on a Non-Eclipse Coronagraph, by
M. G. Karimov, V. I. Moroz, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIK, No 3,
1956, pp 459-471.

ATIC MCL-232/IXI

Sci - Astron

134,597

Dec 60

On the Diffraction of a Finite Beam of Electro-
magnetic Waves by a Cylindrical Obstacle, by
E. L. Burshtein, L. S. Solov'ev, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 3,
1956, pp 473-476.

SLA Tr R-731

Sci - Electricity

50,642

Aug 57

Diffraction of Plane Electromagnetic Waves
on a Conducting Cylinder, by A. S. Goriainov,
7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CIX, 1956, pp 477-480.

SIA R-1169

May 58

SIA TR R-1169

64,556

An Experimental Verification That the Velocity
of Light Is Independent of the Velocity of the
Source With Respect to an Observer, by
A. M. Bonch-Bruyevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CIX, No 3, Jul-Aug 1956, pp 481-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

Diffusion of Boron, Carbon and Nitrogen Into
Transition Metals of IV, V, and VI Groups of
the Periodic Table, by G. V. Samsonov, V. P.
Latisheba, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CIX, 1956, No 3, p 582.

CIA/FDD X-2479

Sci - Chem; Physics
Jul 57

49,191

The Distortion of Ultrasonic Waves of Finite
Amplitude in Liquids, by L. K. Zarembo, V. A.
Krasil'nikov, V. V. Shklovskaya-Kordy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CIX, No 3, Jul-Aug 1956, pp 495-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci .. Phys
Aug 57

Generalization of the Method of Supplementary
Variables, by D. N. Zubarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLX, No 3, Jul-Aug 1956, pp 489.

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

The Elastic Properties of α -Quartz at High Temperatures,
by V. G. Zubov, M. M. Firsova, 2 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Phys Sec, Vol CIX,
No 3, Jul-Aug 1956, pp 493-

Amer Inst Of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

Electron Motion in Cyclical Accelerators
as a Stochastic Process, by A. N. Matveyev,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CDX, No 3, Jul-Aug 1956, pp 495-

Amer. Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

Magnetic Analysis of the Reactions (I) $pp \rightarrow np \pi^+$,
(II) $pp \rightarrow pp \pi^0$ and (III) $pp \rightarrow d \pi^+$ at 660 Mev.,
by M. G. Meshcheryakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CIX,
No 3, Jul-Aug 1956, pp 499-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

The Phosphorescence Spectra of Some Aromatic
Acids at the Temperature of Liquid Air, by
E. A. Pyatnitskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CIX, No 3, Jul-Aug 1956, pp 503-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

A Dispersion Relation for Fermions,
by V. Faynberg, E. Fradkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CIX, No 3, Jul-Aug 1956, pp 507-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

The Melting Temperatures of Zinc, Cadmium,
Thallium, and Antimony at Pressures up to
30,000 kg/cm², by V. P. Butusov, E. G. Pomyatovskij,
G. P. Shakhovskoj, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, ~~Engl~~
Vol CIX, No 3, 1956, p 519.

CIA/FDD X-2228

Sci - Min/Metals
Dec 1956 CFB/dec

41,664

The Melting Points of Zinc, Cadmium, Thallium
and Antimony at Pressures to 30,000 kg/cm², by
V. P. Kutzov, E. G. Ponyatovskiy, G. P. Shakhov-
akova. UNCLASSIFIED

RUSSIAN, *izv.*, Dok Ak Nauk SSSR, Vol CIX, No 3,
pp 519-520.

CEA R-1610 Rev. Tr.
Sci Mus Lib 57/4478

Sci - ~~Mineral~~ Chem
Sep 58

CTC 12-22-57

73,398

5
Synthesis of Higher Aliphatic Alcohols from CO
and E₂, by A. N. Bashkircov, Yu. B. Egan, I. K.
Zverkhina, 3 pp.

RUSSIAN, Khimico-mo per, Dok Ak Nauk SSSR, Vol. 131,
No 2, pp 525-527. July/Aug 1958

Consultants Bureau

Sci - Chem

56, 632

Doc 51

Molecular Complexes of Nitrosyl Chloride, by E. V. Genkina, A. I. Finkelstein, A. A. Artsyev, 3 pp.

RUSSIAN, three-to per, Dok Ak Nauk SSSR, Vol CTE, No 3, pp 528-531. Jul/Aug 1956

Consultants Bureau

Ref - Chem

56, 629

Doc 57

Double Sulfates of Titanium With Ammonium Sulfate,
by Ya. G. Goroshchenko, 3 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIX,
No 3, pp ~~535-536~~. 533-534. JUL/AUG 1956

Consultants Bureau

Sci - Chem

56,630

Dec 57

4-Nitro-2-Phenyl-1,3-Indandione, by V. H. Zolmen,
G. Ya. Varnag, 2 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CIX,
No 3, Jul/Aug 1956, pp 535, 536.

Consultants Bureau

Sci - Chem

56,633

Dec 57

Synthesis of α -Phenyl- β , β -Diaryl- β -[\bar{H} -Benzoyl]-
Amino propionic Acids From α -Benzoylbenzoylarylideneamines
and Sodium α -chloromagnesium-phenylacetate, by Mr.
Ivanov, 4 pp.

RUSSIAN, thirise-no per, Dok Ak Nauk SSSR, Vol CIX,
No 3, Jul/Aug 1956, pp 537-540.

Consultants Bureau

Sci - Chem

56, 634

Dec 57

The Thermal Decomposition of Lithium Aluminum
Hydride, by V. I. Mikheyeva, M. S. Selivochina,
O. N. Knyukova, /M/ 2 pp.

RUSSIAN, three-no per, Dok Ak Nauk SSSR, Vol CIX,
No 3, Jul/Aug 1956, pp 541, 542.

Consultants Bureau

Sci - Chem

56, 635

Dec 57

Alkylation of Ferrocene, by A. H. Resnyanov,
H. S. Kochetkova, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CX,
No 3, Jul/Aug 1956, pp 543, 544.

Consultants Bureau

Sci - Chem

56,636

Doc 57

Conversion of Cyclohexene on Deuterated
Aluminosilicate Catalyst, by G. M. Panchenkov,
Z. V. Gryazneva, L. G. Ganichenko, 4 pp.

RUSSIAN, thrice-a-year, Doklady Akad. Nauk SSSR, Vol. 161,
No 3, Jul/Aug 1956, pp 546-548.

Consultants Bureau

Sci - Chem

56,639

Dec 57

Equilibrium Mixtures of Five- and Six-Membered
Cyclanes, by Al. A. Pirov, 4 pp.

RUSSIAN, Khimiko-ne per, Dok Ak Nauk SSSR, Vol. 171,
No 3, Jul/Aug 1956, pp 549-551.

Consultants Bureau

Sci - Chem

56,640

Dec 57

Hydrogen Exchange Reactions of 1-Methyl-1-Cyclohexanol
With Phosphoric Acid, by V. N. Sotkina, D. M. Karsenov,
4 pp.

RUSSIAN, Zhurnal per, Dok Ak Nauk SSSR, Vol CIX,
No 3, pp 552-554.
Jul/Aug 1956

Consultants Bureau

56,637

Sci - Chem

Doc 57

Synthesis and Properties of Some Esters of Chloro-
alkylphosphonic and Chloroalkyldithiophosphonic Acids,
by E. E. Shepelova, N. I. Sainin, 2 pp.

RUSSIAN, Zhurnal per, Dokl Akad. Nauk SSSR, Vol. CIX,
No 3, pp 555-558.
Jul/Aug 1956

Consultants Bureau

Sci - Chem

56,638

Dec 57

Diffusion of Boron, Carbon and Nitrogen Into Transi-
tion Metals of IV, V and VI Groups of the Periodic
Table, by G. V. Samsonov, V. P. Latisheva, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, 1956,
p 582. - 586

Sci
Aug 58

SIA R-1744
ABC Tr 2949

Comp Tr Ser 288

68, 890

The Influence of Adsorbed Hydrogen on the Zero-charge Potential of Certain Metals, by V. I. Khrifets (Khrifetz), B. S. Khrifetz

Full text

RUSSIAN, twice-over, Dok Ak Nauk SSSR, Vol 13, No 3, pp. 586-588, 1956, 8

Navy Tr No 1438/NRI. 591

Sci - Chemistry
Jan 1957 CTS/dex

43, 0 of 4

The Distribution of Tin in Granitoidal Rocks,
by V. L. Barsukov, L. I. Pavlenko, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CX, No 3, 1956, pp 589-592.

N.L. 11.1956
SLA R-1195

May 58

63,901

The Primary Type of Oil During the Period of
Formation of an Oil Deposit, by O. A. Radchenko,
L. S. Sheshina.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 3,
1956, pp 614-616.

Assoc Tech Sv RJ-734

~~XXXX~~

\$5.10

51,734

Sci - Fuel
Aug 57

Vinogradovite - a new Mineral, by E. I. Semenov, E. Bohushtedt-Kupletskaya, N. A. Moiseva, and N. M. Sludskaya, 8 pp.

RUSSSIAN, per, Doklady Akad Nauk SSSR, Vol
CIX, No 3, 1956, p 617-620.

BTM

~~XXXXXXXXXX~~
SLA R 1607

Sci

Jul 58

68,803

On the Interaction of Shock Waves With Simple
Waves, by V. Ya. Arsenin, N. N. Ianenکو.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 4,
1956, pp 713-716.

RAE. Farnborough Tr 622

Sci - Physics
Aug 57

51,189

S-2134

Organophosphorous Insecticides. O, O-Diethyl-B-Ethylmercaptoethylidithio-Phosphate (m-74) and Its Analogues, by M. I. Kabachnik et al.

RUSSIAN, thrice-monthly, Dok Ak Nauk SSSR, Vol CIX, No 4, Aug 1956, p 777.

13/3/57

On the Theory of Alternating-Gradient Focusing,
by E. L. Burshteyn, L. B. Solov'yev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CIX,
No 4, Jul-Aug 1956, pp 721-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

Hyperfine Structure of Paramagnetic
Resonant Lines in Supercooled Solutions
of $^{51}\text{V}^{++}$, $^{53}\text{Cr}^{+++}$ and $^{55}\text{Mn}^{++}$, by N. S.
Garif'yanov, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Phys Sec,
Vol CIX, No 4, Jul-Aug 1956, pp 719-

Amer~~ican~~ Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

Electrical Phenomena in the Disruption
Mechanism of Some Solids, by B. V. Deryagin,
N. A. Krotova, V. V. Karasev; 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CIK, No 4, Jul-Aug 1956, pp 728-

Amer Inst of Phys
Sov Phys ~~of~~ "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

The Absorption of Ultrasonic Waves of Finite
Amplitude in Liquids, by L. K. Zarembo,
V. A. Krasil'nikov, V. V. Shklovskaya-Koroly,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Col CIX, No 4, Jul-Aug 1956, pp 731--

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

The Transverse Photomagnetic Effect in n- and
p-type Germanium, by I. K. Kikoin, ~~Yu. A.~~ Yu. A.
Bykovskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CIX,
No 4, Jul-Aug 1956, pp 735-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

A Study of the Reaction of He^3 With Deuterons, by
by A. P. Klyucharev, B. N. Esel'son, A. K.
Val'ter, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol ~~108~~⁽¹⁰⁹⁾,
No 4, Jul-Aug 1956, pp 737---

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

The Spectral Representation and the Renormalization
Group, by A. A. Logunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CIX, No 4, Jul-Aug 1956, pp 740-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

On Measuring the Resolving Power of an
Optical Instrument, by S. G. Rautyan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CIX, No 4, Jul-Aug 1956, pp 743-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

On the Possibility of a Transition Between Two
Types of Concentration Quenching of Fluorescence,
by B. Ya. Sveshnikov, L. A. Kuznetsova, V. A.
Malchanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CDK,
No 4, Jul-Aug 1956, pp 746-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

Magnetoresistance and Hole Conduction in
Tellurium, by S. S. Shalyt, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLX, No 4, Jul-Aug 1956, pp 750-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

Redistribution of Electron Density and Change of
Electrical Conductivity in Cadmium Sulfide Crystals,
by Yu. N. Shuvalov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys. Sec, Vol CIX,
No 4, Jul-Aug 1956, pp 753-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

The Influence of Some Organoselenent Compounds on the
Solution Rate of Carbon Steel in Inorganic Acids, by
S. A. Salenin, M. A. Ignatyeva, 4 pp.

RUSSIAN, three-no per, Dok Ak Nauk SSSR, Vol CIX,
No 4, Jul/Aug 1956, pp 771-773.

Consultants Bureau

Sci - Chem

56, 641

Doc 57

A New Synthesis of Aliphatic Amines, by A. W. B. Miller,
Yu. B. Kagan, G. A. Kliger, 4 pp.

RUSSIAN, three-rod per, Dok Ak Nauk SSSR, Vol. 124,
No. 6, Jul/Aug 1956, pp 774-776.

DAR NI-681
Consultants Bureau
OTS 62-25379

Sci - Chem

56, 642

Dec 57

AC/IR 6513

RUSSIAN & FRENCH OTS 62-25379

Organophosphorus Insecticides. O,O-Diethyl- β -
Ethylmercaptoethylidithiophosphate (M-7^A) and Its
Analogues, by M. I. Kabachnik, T. A. Mastryukova,
M. F. Shostakovsky, E. N. Prilezhayeva, D. M.
Faikin, M. P. Shabanova, N. M. Gamper, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol. CII,
No 4, Jul/Aug 1956, pp 777-780.

Consultants Bureau

Sci - Chem

56,643

Dec 57

Catalytic Oxidation of Propane, by Yu. G.
Kamutaliev, M. Guseinov, 2 pp.

RUSSIAN, *khimiko-ne per*, Dokl Ak Nauk BSSR, Vol. 101,
No. 4, Jul/Aug 1956, pp 761-764.

Consultants Bureau

Sci - Chem

56,644

Doc 57

The Chemical Nature of the Ternary Intermetallic Phases in the Magnesium-Copper-Zinc and Magnesium-Copper-Nickel Systems, by V. I. Mikheyeva, G. G. Babayan, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIA, No 4, Jul/Aug 1956, pp 785-786.

Consultants Bureau

Sci - Chem

56, 649

Doc 57

Synthesis of Compounds With Siloxane Links, ^{by} N. S.
Kamshin, A. V. Topchiev, L. S. Poverov, G. V.
Gornishchevskaya, 4 pp.

Consultant's Bureau

Sci - Chem

Doc 57

RUSSIAN, thrice-no per, Dok Ak Nauk BSSR, Vol CIX,
No 4, pp 787-790, Jul/Aug 1956.

56, 650

Synthetic of Higher $\alpha, \alpha, \alpha, \omega$ -Tetrachloroalkanes,
1,1,1-Trichloroalkanes, by A. K. Resmuyanov, Sh. A.
Karapetyan, R. Kh. Fridlino, 4 pp.

RUSSIAN, three-no par, Dok Ak Nauk SSSR, Vol CX,
No 4, Jul/Aug 1956, pp 791-795.

Consultants Bureau

Sci - Chem

56,648

Dec 57

Liquid Phase Oxidation of Aliphato-Aromatic Hydrocarbons With Oxygen Gas. Toluene Hydroperoxide, by P. G. Sergiyev, V. V. Fedorova, 2 pp.

RUSSIAN, ~~three-no par~~, ~~Dok Ak Nauk SSSR~~, Vol. CIX, No 4, Jul/Aug 1956, pp 796-798.

Consultants Bureau

56,645

Sci - Chem

Dec 87

Infrared Absorption Spectra of Complexes of Some Organic Compounds With Aluminum Bromide and Stannic Chloride, by V. N. Filimonov, A. N. Terenin, 7 pp.

RUSSIAN, Zhurnal fizicheskoi khimii, Dok Ak Nauk SSSR, Vol 30, No 4, 1956, pp 799-801.

CIA/FDD X-2793

CHIT R-1484

Sci - Phys
Mar 58

60,684

Sci Mon 20 for 57/2520

The Clarke of Beryllium in Acid Magmatic Rocks of
USSR, by A. A. Beus and L. Z. Sazhina, 7 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CIX,
1956, p 807-810.

SIA R 1655

Sci

Jul 58

68,766