

Organozinc Compounds of the Class  $Ar_2Zn$  and Their  
Dioxanates, by N. I. Sheverdina, L. V. Abramova, K. A.  
Kocheshkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,  
1959, pp 320-

CB

Sci - Chem  
Sep 60

127,725

An Investigation of Capillary Osmosis  
in Gases, by B. V. Deryagin, G. A.  
Batova, 6p.  
RUSSIAN, per, Doklady Akademiyi Nauk  
SSSR, Vol 188, No 2, 1959, pp 323-325.  
CSIR-tr.141

336, 176

Sci  
Aug 67

Molecular Energies of Alkaline Earth Halides  
Calculated on the Basis of an Ionic Model, by  
K. S. Krasnov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,  
1959, pp 326-328.

Consultants Bureau

Sci

Aug 60

126,513

Diffusion and Solubility of Tantalum in  
Germanium, by A. V. Sandulova, He Yu-Liang, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,  
1959, pp 329-332.

Consultants Bureau

Sci

Aug 60

126,514

The Dielectric Properties of Natted Rubberlike Swollen High Polymers in Solvent--Nonsolvent Binary Systems, by G. L. Starobinets, V. F. Tikavyi, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2, 1959, pp 333-336.

Consultants Bureau

Sci

Aug 60

126,515

The Appearance of Thixotropic Structure in Solutions and in Two-Sided Films Containing Sucrose and Aerosol-OT and the Effect of This Structure on the Stability of Foams, by A. A. Trapeznikov, K. V. Zotova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2, 1959, pp 337-340.

*126,516*

The Kinetics of Acid-Catalyzed Decomposition of  
Arylalkyl Hydroperoxides, by V. A. Shushunov,  
Yu. A. Shlyapnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,  
1959, pp 341-

Consultants Bureau

Sci

Aug 60

126,517

The Study of the System  $\text{Bi}_2\text{Se}_3\text{-Bi}_2\text{S}_3$ , by M. L. Beglaryan and N. Kh. Abrikosov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4, 1959, pp 345-347.

2

CB

Sci

Oct 60

130,653



On the Use of Crystallochemical Data for a  
Thermodynamic Analysis of the Processes Involved  
in the Hydrothermal Synthesis of Calcium  
Silicate Hydrates, by O. P. Mchedlov-Petrosyan,  
V. I. Babushkin, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 348-351.

SLA 60-17690

CB

129,404

Sci  
OTS, Vol IV, No 3  
Sep 60

Some Data on the Stratigraphy of the Eifelian  
Deposits of Tataria and Adjacent Territories  
on the Basis of Ostracod Studies, by V. I.  
Averyanov, 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 352-354.

AGI

Sul

154,621

Jun 61

The Kashpirovka and Kreking Pliocene Floras, by  
Ye. N. Ananova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 355-358.

Sci

Jun 61

ATS-101139 R  
AGI

ATS-RJ-2372

154,622

The Brachiopods of the Ural Type in the Devonian  
Deposits of the Stalingrad District, by P. A.  
Karpov, A. I. Lyashenko, M. A. Nechayeva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, ~~Vol CXXVIII~~ Vol CXXVIII,  
No 2, ~~1950~~, pp 359-361.

1959

AGI

Sci

Jun 61

Materials on the Sarmatian Flora of Armavir, by  
F. Kutuzkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 362-365.

AGI

Sci

Jun 61

154,623

The Carboniferous of the Northern Part of the  
Bolshezemelskaya Tundra, by N. N. Lapina, M. K.  
Troshina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,  
1960, pp 366-368.

1960

AGI

Sci

Jun 61

The Permian Deposits of the Central Pamir, by E. A.  
Leven, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,  
1960, pp 369-371.

1958

AGI

Sci

Jun 61

New Data on the Age of the Likhvin Lacustrine Deposits,  
by G. A. Maslyayev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,  
~~1950~~, pp 372-374.

1959

AGI

Sci

Jun 61



Bionomic Conditions in the Basins of Dagestan  
in the Lower Cretaceous Epoch, by K. G.  
Samyshkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1999, pp 375-378.

AGI

Sci

154,624

Jun 61

The Peculiarities in the Mineralogical  
Composition of the Tavrida Formation of the  
Crimea, by D. P. Shaposhnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 379-382.

AGI

Sci

154,625

Jun 61

Acid-Basic Interaction of the Components in  
Silicate Melts and the Direction of the  
Cotectic Lines, by D. S. Korzhinsky, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 383-386.

AGI

Sci

Jun 61

154,612

On the Processes of Formation of the Kaolinitic  
Clays as Exemplified by the Angren Brown-Coal  
Deposits, by I. N. Semasheva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 387-390.

AGI

Sci

Jun 61

154,613

Distribution of Desoxyribonucleic Acid During  
the Healing of the Damaged Rat Myocardium, by  
L. V. Alhabadze, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 391-394.

Amer Inst of Biol Sci

Sci

119, 193

Jun 60

Innervation of the Cartilaginous Plates of the  
Bronchi in the Dog, by V. M. Skiyadneva,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 395-.

Amer Inst of Biol Sci

Sci

119,192

Jun 60

The Cytogenetic Effect of Small Doses of Ionizing  
Radiation in Mammals, by Yu. Ya. Kerlin, G. M.  
Bondchevskaya, Yu. M. Rukhovichnikov, 3 pp.

RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol. CXXVIII,  
No 2, 1959, pp. 397-.

Amer. Inst. of Biol. Sci.

Sci.

119,282

Jun 60

The Effects of Alpha Rays on the Proliferative  
Function of the Epidermis, by F. L. Leites, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVIII,  
No 2, 1959, pp 400-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,111



The Metamorphogenic Activity of Thyroid Tissue From  
Irradiated Animals, by E. A. Lyalin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 404-.

*Amer Inst of Biol Sci*  
Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

Action of Ionizing Radiation on Oxidative Processes in  
Tea and Tobacco Leaves, by O. A. Vinovets, A. G.  
Panyukiy, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,  
1959, p 407-.

Amer Inst of Biol Sci

118,969

Sci

Jun 60

Varied Reactions to Light Conditions as One of the Differences in Summer, Biseasonal and Winter Grain Plants. Plant Reactions to Light Conditions as One of the Causes of Variations in the Length of the Growth Period, by A. K. Fedorov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2, 1959, pp 411-.

Amer Inst of Biol Sci

Sci

Jul 60

120,722

New Grasshoppers (Acridoidea) From Northern  
China and Their Zoogeographical Importance,  
by G. Ya. Bui-Byenito, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 414-417.

Amer Inst of Biol Sci

119, 219

Sci

Jun 60

Reproduction and larval development of the  
Polychaete, *Harmothoe Imbricata* L. in the  
Barents and Other Seas, by S. A. Mileikovsky,  
5 pp.

RUSSIAN, per, Dokl Akd Nauk SSSR, Vol. CXXXIII,  
No 2, 1959, pp 418-421.

Amer Inst of Biol Sci

119,231

Sci

Jun 60

A Reversal of the Usual Relationship Between  
Age and Fat Content of Fishes as Investigated  
by the Asov Khamsa, by G. E. Shulman, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CHEVILE,  
No 2, 1959, pp 422-.

Amer Inst of Biol Sci

Sci

119, 220

Jun 60

The Naso-Lacrimal Duct and Its Connection With  
the Lacrimal and Septo-Maxillary Bones in  
Randon Sibiricus, by I. M. Medvedeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 425-.

Amer Inst of Biol Sci

Sci

119,199

Jun 60

Comparison of Changes in Radiation and Thermal  
Sensitivity During Cleavage of the Loach Egg  
(*Misgurnus Fossilis*), by N. A. Vakhrameyeva,  
A. A. Neifakh, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 429 - .

Amer Inst of Biol Sci

Sci

119,205

Jun 60



Several Theorems of Differential Equations, by  
N. S. Agranovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 439-442.

Heavy Tr 3069/AFL T-257

191,263

Sci - Math

Apr 62

Some Data on the Activity of Invertase in  
Isolated Alfalfa Roots, by M.S. Bardinskaya,  
A.M. Smirnov, V. I. Safonov.  
RUSSIAN, per, Doklady Akademii Nauk SSSR,  
Vol 124, No 2, 1959, pp 462-465.  
MZDA

Sci -  
Jul 67

334,770

On the Asymptotic Estimates of the Complexities of  
Formulas Which Realize Logic Algebra Functions,  
by O. B. Lupanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 3,  
1959, pp 464-467.

Internatl Phys Index  
Automation Express  
Vol II, No 6

Sci - Phys

Jun 60

120,194

On Unsteady Gas Flows in Laval Nozzles, by  
O. S. Ryzhov, G. M. Shefter, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 485-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

10574  
118,062

On Flows With Large Heat Conduction, by M. M. Sogyan,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII,  
No 3, 1959, pp 488-490.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol. IV, No 5

Sci

May 60

56A 61-10379  
118,069

Production of Mesons by Collisions of 280 Mev  
Pions With Nuclei in Photographic Emulsions;  
by Yu. A. Batusov, N. P. Bogachev, V. M.  
Sidorov, I. Chulii, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 491-494.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

AP-118,078

On a Certain Type of Relaxation Oscillations in  
Electron Beams, by V. I. Volosok, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. XXXVII,  
No 3, 1959, pp 495-498.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,050

Etched Figures of Elastic Twins of Calcite, by  
R. I. Garber, E. I. Stepina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp499-501.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,681



Diffraction of Electromagnetic Waves by the  
Open End of a Spiral Waveguide, by P. S. Mikheev,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 502-505.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

118,083

May 60

Integrals of the Drift Equation, by A. I. Morozov,  
L. S. Solov'yev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 506-509.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,082

On the Symmetry of Molecules of Porphyrins, by  
A. N. Sechenko, G. P. Gurinovich, K. N. Solov'yev,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 510-513.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,084

The Propagation of Vector Waves in Nonlinear  
Mesodynamics, by V. I. Skobelkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp514-516.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,085

Influence of Background Thermal Radiation on Readings  
by Radiation Receivers, by B. I. Stepanov, A. S.  
Rubanov.

*125*  
Doklady An. SSSR, Vol CXXVIII, No 3,  
RUSSIAN, per, ~~XXXXX~~  
pp 517-520.

AID SIB-3186  
9048181

Sci - Nuc Phys

May 60

*Proc Inst of Phys  
Sci Phys Doklady  
Vol IV, No 5, 627*

Biblashvili, N. Sh., Zaitseva, A. M. and others.  
THE INFLUENCE OF THE CHANGE OF THE VER-  
TICAL COMPONENT OF WIND SPEED ON THE FOR-  
MATION OF TORRENTIAL PRECIPITATION AND  
HAIL. [1961] 5p.  
Order from ATS \$8.65      ATS-36N52R

Trans. of ~~Akademiya Nauk SSSR~~ Doklady, 1959, v. 128,  
no. 3, p. 521-524.

Another translation is available from AGI \$8.00.

DESCRIPTORS: \*Precipitation, \*Hail, Meteorology,  
\*Wind, Velocity.      *also*

(Earth Sciences--Meteorology, TT, v. 6, no. 6)

61-25038

- I. Biblashvili, N. Sh.
- II. Zaitseva, A. M.
- III. ATS-36N52R
- IV. Associated Technical Services,  
Inc., East Orange, N. J.

176708

Office of Technical Services

Field Investigation on the Piezoelectric Effect  
in Quartz-Bearing Rocks, by M. P. Volarovich,  
E. I. Parkhomenko, G. A. Sobolev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 525-528.

AGI

Sci

Jun 61

154,646

Grain Growth and Creep in Metals, by K. A. Gaidov,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 5, 1959, pp 529.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci.

May 60

118,098



The Magnetic Susceptibility of Some Oxalate<sup>e</sup>  
Complexes of Tetravalent Uranium, by T. G.  
Aminov, V. V. Zelentsov, I. A. Savich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 533-535.

CB

Sci - Chem  
Sep 60

127,727

1 the Action of Bromine on 2-Acethienone in the  
presence of Excess Aluminum Chloride, by Ya. L.  
Goldfarb, Yu. B. Vol'kenshtein, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 3,  
1959, pp 536-539.

CB

sci - Chem  
sep 60

127,728

The Condensation of Halo Alcohols With Benzene  
Under the Influence of Sulfuric Acid, by V. N.  
Gramenitskaya, G. I. Nikishin, A. D. Petrov,  
4 pp. *N*

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 540-542  
*2*

CB

Sci - Chem  
Sep 60

*127,730*

n Some Esters of Ethylvinyl- and Ethylallylphosphinic  
acids, by Gil'm Kamai, V. S. Tselvunin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 3,  
1959, pp 543-546.

CB

ci - Chem  
ep 60

127,729

Regularities in the Isomerization of the Double  
Bonds in Cyclohexadiene-1,2-Dicarboxylic Acids,  
by V. F. Kucherov, N. Ya. Grigoryeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 547-550.

CB

Sci - Chem  
Sep 60

127,731

vinylloxysilanes, by A. N. Neameyanov, I. F.  
Lutsenko, V. A. Brattsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
no 3, 1959, pp 551-554.

CB

ci - Chem  
ep 60

127,732

The Synthesis of Esters of Carboxylic Acids  
from Carbon Monoxide, Cycloolefins, and  
Alcohols, by K. V. Puzitskiy, Ya. T. Eidus,  
K. G. Ryabova, I. V. Guseva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 555-557.

CB

Sci - Chem  
Sep 60

127,734

ynthesis of Hydrocarbons of the Indane Series, by  
o V. Topchiev, N. E. Tsytoich, ~~xxxx~~ E. S. Pokrovskaya  
pp.

USSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 3,  
959, pp 558-560.

CB

ci - Chem  
ap 60

127.733



On "Deviations" From Raoult's Law, by M.  
Usanovich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 561-563.

CB

Sci - Chem  
Sep 60

127,735

The Mechanism of the Osazone-Formation Reaction, by  
M. M. Shemyakin, V. I. Maimind, K M Ermolayev,  
E. M. Bamdas, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 3,  
1959, pp 564-~~566~~

CB

Sci - Chem  
Sep 60

127,736

Cation Mobility in Molten Phosphates, by O. A.  
Esin, G. A. Teterin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 3,  
1959, pp 567-570.

Consultants Bureau

Sci

Aug 60

*126,518*

The Problem of Chain Interaction in Complex  
Chain Reactions, by V. F. Tsepalov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 3,  
1959, pp 571-

Consultants Bureau

Sci

Aug 60

*126,519*

Equilibrium Conditions at a Zinc Electrode  
in Alkali Solutions Saturated with Zincate,  
by E. A. Mandzheritskiy, V. S. Bagotskiy,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 575--577.

3<sup>1</sup>

CB

OTZ 23-15132

Sci

130,655

Oct 60

A Detailed Stratigraphic Analysis of the Upper  
Cretaceous Deposits of the Northwest Margin of  
the Donets Basin and A Correlation of the  
Microfaunal Complexes with the Standard  
Electrical Well Logging Diagrams, by V. F.  
Gorbenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 578-581.

AGI

154,626

Sci  
Jun 61

The Problem of the Origin of Terrigenous  
Material of the Middle Jurassic Rocks in  
the Southeastern Section of the West Siberian  
Lowland, by T. I. Gurova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 582-585.

AGI

Sci

Jun 61

154,627

Karst Topography in the Southern Maritime Region  
[Primorye], by M. F. Kolbin, A. F. Shekhorkina,  
I. A. Shekhorin, 3 pp.

RUSSIAN, per, Dok Ak-Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 586-589.

AGI

Sci

Jun 61

154,628



Some New Data on the Tectonics of the Central  
Cis-Caucasus in Connection With Hydrogeological  
Studies, by V. N. Kortsenshteyn, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 3,  
1959, pp 590-593.

ATS-95M39R

Sci  
OTS, Vol IV, No 3  
Oct 60

*129,461*

New Data on a Basement High in the Northwest  
Part of Gorky Oblast, by S. K. Nechitaylo,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 596-599.

AGI

Sci

Jun 61

154,69

The Character and Distribution of Secondary  
Mineralization in the Sandy Rocks of the  
Ileksk Formation in the Parabelsk Region,  
by Ye. G. Sorokina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVIII,  
No 3, 1959, pp 600-603.

ATI

Sci

Jun 61

154,630

Orientation of the Optic Axes of Quartz Grains  
in the Red Sandstones on the Cheleken  
Peninsula, by D. N. Ivanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 604-606.

AGI

Sci

Jun 61

154,650

On the Remains of Apple Fruits (Malus) From  
the Tertiary Deposits of Western Siberia,  
by M. G. Gorbunov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp ~~597-600~~ 607-610

AGI

Sci

Jun 61.

154,656

The Effect of Deafferentation of the Anterior  
Pituitary Lobe on the Secretory Cycle of Its  
Cells, by I. G. Akmayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 611-613.

Amer Inst of Biol Sci

Sci

119, 194

Jun 60

Histological Changes in Piglet Skin Autografts,  
by L. B. Berlin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 614-617.

Amer Inst of Biol Sci

Sci

119,187

Jun 60

Distribution of Adrenalin and Noradrenalin in the  
Cells of the Carotid Body, by E. M. Prizmek, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,  
No 3, 1959, pp 618-.

Amer Inst of Biol Sci

Sci

119, 189

Jun 60



Mutation of the Polyhedral Viruses, by S.  
Gershenson, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 622-.

Amer Inst of Biol Sci

Sci

119, 195

Jun 60

The Effect of the Number of Spent Sockeye  
(Oncorhynchus Nerka) on the Concentration of Biogenic  
Elements in a Lake, by E. M. Krokhin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 626-.

Amer Inst of Biol Sci

Sci

Jun 60

REGULATION OF PHOSPHORYLATED AND NON-PHOSPHORYLATED  
OXIDATION BY HEXOKINASE, by S. E. SEVERIN,

RUSSIAN, *por*, Dok Ak Nauk SSSR, Vol CXXVIII, No 3, 1959,  
pp 628-631.

ATB BJ-2259

Sci - Chem

*Ann Inst of Biol Sci*

May 60

115,495

Rate of Water Interchange in Swollen Plant  
Seeds, by G. V. Lebedev, 4 pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Vol CXXVIII,  
No 3, 1959, pp 632-.

Amer Inst of Biol Sci

Sci

Jul 60

120,723

Posttetanic Potentiation of Dendritic Potentials  
in the Cerebral Cortex, by V. M. Chudzhava, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 3, 1959, pp 635-37.

Amer Inst of Biol Sci  
119, 228

Sci

Jun 60

A Cytological and Study of the Embryos of  
*Trichostema thalictroides* on Insect Pheromone  
by B. I. Ushakov, S. V. Garkova, B. I.

RUSSIAN, FOR, Dok Ak Nauk SSSR, Vol. 107, No. 3, 1969, pp 688-

Amer Inst of Biol Sci

19, 20

Sci.

Jun. 60

The Entropy of a Derived Automorphism, by L. M.  
Abramov, 5 p.  
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol CXXVIII,  
1959, pp 647-650.

Am Math Soc  
Vol XLIX, Ser 2

Sci-Math  
Jun 66

302,587

The Group of the Maximal  $p$ -Extension of a Local  
Field, by S. P. Demuskin, 4 p.  
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol  
CXXVIII, 1959, pp 657-660.

Am Math Soc  
Vol XLVI, Ser 2

Sci-Math  
Jun 66

302,611



The Piston Problem in Magnetic Hydrodynamics,  
by G. Ya. Lyubarskiy, R. V. Polovin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 4, 1959, pp 684-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,070

The Isotopic Composition of Lead in Iron  
Meteorites, by I. E. Starik, E. V. Sobotovich,  
G. P. Lovtsyus, M. M. Shats, A. V. Lovtsyus,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXVIII,  
No 4, 1959, pp 633-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

118,064

May 60

The Effect of Illumination on the Contact Potentials  
of Some Semiconductors, by I. A. Akimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 4, 1959, pp 691-694.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,086

New Data on the X-Ray Emission Spectra of  
Titanium in Certain Hydrides, Carbides, and  
Nitrides, by E. E. Vainshtein, E. A. Zhuravskiy,  
3 pp.

RUSSIAN, per, Dokl Akad Nauk SSSR, Vol. CXVII,  
No 4, 1959, pp 695-697.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

118, 887

May 60

The Effect of Long-Time "Memory" in Photoconductivity,  
by A. G. Gol'dman, A. K. Burnakov, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 4, 1959, pp 698-701.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

*118,088*

The Role of the Radiation from Impurities  
in the Energy Balance of a Plasma Pinch, by  
V. I. Kogan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 4, 1959, pp 702-705.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,090

On the Occurrence of Resonance Phenomena in  
Paramagnetics in Parallel Fields, by B. V.  
Semakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 4, 1959, pp 700-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,089

Use of the Isotope  $C^{14}$  for the Determination of the  
Solubility of Carbon in Alpha Iron, by D. I. Brak,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959, pp 709-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,097



On the Evaluation of the Effect of a Surface-  
Active Lubricant on the Deformation of Surfaces  
During Friction, by V. D. Evdokimov, A. S

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 4, 1959, pp 713-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

Improvement of Mechanical Properties of Plastics  
for Aircraft Applications, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 4, 1959, pp 715-718.

AID SIR-3182

CB

USSR

Mar 60

119,227

Dipole Moments and Structure of Some Derivatives  
of Perinaphthindone, by Yu A. Zhdanov, O. A.  
Osipov, O. E. Shelepin, V. A. Kogan, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 4, 1959, pp 719-721.

CB

Sci - Chem  
Sep 60

*127,738*

On the Synthesis of Multicomponent Solid Solutions  
of Titanium, by I. I. Kornilov, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,  
1959, pp 722-725

CB

Sci - Chem  
Sep 60

127,737

The Formation of Diphenylbromonium Salts by the  
Decomposition of  $C_6H_5N_2HgBr_3$ , by A. H. Nesmeyanov,  
T. P. Tolstaya, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,  
1959, pp 726-727.

CB

Sci

Sep 60

The Infrared Spectra and Structure of Organo-  
Lithium Compounds of the Aromatic Series, by  
A. N. Rodionov, T V Talalayeva, D. N Shigorin,  
K. A. Kocheshnikov, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,  
1959, pp 728-731.

CB

Sci - Chem  
Sep 60

127,739

Vulcanizing Action of Derivatives of 2-Mercapto-  
benzothiazole, by M. S. Fel'dshtein, I. I. Ettingon,  
B. A. Dogadkin, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,  
1959, pp 736-739.

CB

Sci - Chem  
Sep 60

*127,742*

On Some Regularities in the Polymerization of  
Propylene With A  $TiCl_4 + AlR_3$  Catalyst System,  
by A. V. Topchiyev, B. A. Kfentsel', L. G.  
Sidorova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 4, 1959, pp 732-735

CB

OTS 61-16710

Sci - Chem  
Sep 60

127,740



Peptide Synthesis by Means of Aminoacyl Derivatives  
of Nucleosides, by Z. A. Shabatova,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 4, 1959, pp 740-743.

ATS RJ-2270

Sci - Chem

CB

May 60

115,496

A Study of the Methods of Synthesizing Ring A of  
Tetracyclines. A Method of Introducing Two N,N-  
Dimethylglycine Residues Into the Cyclohexanone Ring,  
by M. M. Shevaykin,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,  
1959, pp 744-747.

ATS RJ-2248

Sci - Chem

CB

115,486

May 60

The Effect of Alloying Elements on the Corrosion  
and Electrochemical Behavior of Titanium, by  
V. V. Andreyeva, V. I. Kazarin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,  
1959, pp 748-751.

Consultants Bureau

Sci

Aug 60

126,520

The Law of Darkening of the Photographic  
Emulsion in the Region of Solarization, by  
E. A. Galashin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 4,  
1959, pp 752-754.

Consultants Bureau

Sci

Aug 60

126,521