

Adaptive Features of Certain Structures in the Eye
of ~~mus~~ Musculus L. by E. I. Koloss, 4 pp.
~~Art~~

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2,
1958, pp 358-.

Amer. Inst of Biol Sci

Sci - Med

96,088

Fermentation

Conditions of Glycerol ~~Fermentation~~ by Propionic Acid
Bacteria, by L. I. Vorob'eva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2,
1958, pp 362-365.

Amer Inst of Biol Sci

Sci - Med

96,102

Synthetic Medium for the Biosynthesis of
Oxytetracycline (Terramycin) by Act Rimosus Culture
IS-T-118, by V. N. Shaposhnikov, Z. M. Zaitseva,
N. V. Orlova, ⁵ pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2,
1958, pp 366-.

Amer Inst of Biol Sci

Sci - Med

96,103

Effect of the Microelement Zinc on the Respiration
of Grapes, by O. W. Dobrolubskiy, A. F. Slonov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 2,
1958, pp 370-373.

Amer Inst of Biol Sci

Sci. - Biol

Jul 59

92 226

The Problem of the Role of Primary and Secondary
Hosts in Maize Nutrition, by K. V. Mosolov,
A. V. Ponomov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 2,
1958, pp 378-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,028

The Effect of Verbal Instructions on Impression
Reactions of Preschool Children, by Z. V. Denisova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2,
1958, pp 382-.

Amer: Inst of Biol Sci

Sci - Med

96,110

Degeneration of the Mesonephros and Development of the Epididymis in the Karakul Sheep (*Ovis Ovis Platyura Karakul*), by K. G. Gazaryan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2, 1958, pp 386-389.

Amer Inst of Biol Sci

Sci - Med

96,083

/Concerning the Developmental Stages of Sturgeon
Larvae, by K. I. Semenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2,
1958, pp 389-.

Amer Inst of Biol Sci

Sci - Med

96, 084

Excitation, Reflection and Emission of Surface
Waves from a Wedge with Given Face Impedances,
by O. D. Malyuzhinets, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 3,
1958, pp 436-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 4

Sci - Phys

Jul 59

91, 942

Absorption and Luminescence of a Harmonic
Oscillator, by D. I. Stepanov, Zhurnal
F. F. Fizicheskoy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXII, no. 2,
pp. 146-147.

Index of Refr.
Sci. Phys. 1960,
Vol. III, no. 4

Sci. - Phys

Vol. 59

91, 940

The Effect of γ -Irradiation on Carotene and
Nucleic Acid Content of Wheat Leaves, by L. A.
Vasil'yev, Ye. Ing. Su-Yun. N. D. Rybakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 125, No. 1,
1958, pp. 450-.

Amer Inst of Phys
Sci Phys - Chemistry
VOL III, No 1

Sci - Phys

Jul 58

91, 910

The Preparation of Single Crystals of Potassium
Permanganate Dihydrate, by A. I. Zaitsev, et al.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXXI, No 3,
1958, pp 453-.

Amer Inst of Phys
Sov Phys - Solid State
Vol III, No 4

Sol - Phys

Jul 59

91, 9.51

Polymerization of Higher Alkene Hydrocarbons, by
I. A. Marchitsa, I. M. Korobova, 3 pp.

RUSSIAN, Dokl Ak Nauk SSSR, Vol 158, No 3, 1958,
pp 474-476.

Amec Tech Serv

200000

K

Sci - Chem

May 59

USSR, V. I, No 6

86, 3/2

Dehydrogenation of n-Pentane and Isopentane in
the Presence of an Alumina-chromia-Potassia
Catalyst, by B. I. Shuykin, Ye. A. Timofeyeva,
and T. P. Dobrynina, 4 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol CXXI,
No 3, 1958, pp 485-487.

Assoc Tech Serv
451028

Sci - Chem
May 59
OTB, V. I, No 6

85-1601

86,322

On the Structure of Molten Bismuth-Tin Alloys, by
M. V. Alexeyev, Ya. I. Gerasimov, 6 pp.

RUSSIAN, per, Dok Ak Nauk, USSR, Vol CXXI, 1958,
pp 488-491

FDD/X-3259
AC/SEC

Sci - Min/Mat
Jan 59

78,418

"Radioactive Catalysts" Dehydration of Cyclohexanol on Magnesium and Sodium Sulfates, by A. A. Balandin, V. I. Spitsyn, N. P. Dobroselskaya, I. B. Mikhailenko, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, 1958, pp 495-498.

CF
ABC Tr-4520

Sci
Jun 61

155,949

A Spectroscopic Study of Adsorption and Catalytic
Reaction of Cyclohexadiene on Transparent Palladium
Films, by V. M. Gerasimov, V. D. Yagolovskiy, and others
5 pp.

Doklady Akad. Nauk SSSR, Vol. CXXI, No 3,
1958, pp 499-502. 86,308

Assoc Tech Serv

23K28R

Sci - chem

May 59

OTB, V. I, No 6

AT/NJ-1600 86,308

The Types of Heterogeneous Luminescence Observed in
the Gadolinium-Lanthanum Orthosilicate Phase, by V. V.
Osipko, 4 pp.

RUSSIAN, Dokl. Ak. Nauk SSSR, Vol. 170, No. 3,
1958, pp. 507-510.

Consultants Bureau

Sci. - Phys.

Sci. 50

97,663

On the Enzymic Oxidation of Tobacco Polyphenol, by
M. K. Mikhailov.

Vol 121

RUSSIAN, per, Dok Ak Nauk SSSR, No 3, 1958, pp 511-
515.

Co-op Trans Sch 625

Sci - H101

Mar 59

82,475

A Deoxynucleotriphosphatase Activity of Wheat, ^{During} Germination, by A. N. Ponomareva, 3 pp.

^{Naik}
RUSSIAN, per Dok Ak/SSSR, Vol (XXI), No 3,
1958, pp 515-518.

Amer Inst of Biol Sci

Sci - Biol

Apr 59

86,083

Peculiarities of Action of Phosphoglyceraldehyde
Dehydrogenase, by B. E. Severin, E. E. Nagrodova,
3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXKI, No 3,
1958, pp 519-.

Amer Inst of Biol Sci

Sci - Biol

Apr 59

86,085

Loss of Stability by the Cubic Form of Zirconium
Dioxide, by O. M. Margulis, and N. V. Gul'ko,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX¹, No 3,
1958, pp 523--.

Consultants Bureau

/
Sci - Chem

Jun 59

88,686

The Pre-Gdovakyan Complex of the Russian Platform,
by L. M. Levina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 3,
1958, pp 527-530.

CB

Sci

Nov 59

101,009

On the Types of Terrigenous Flysch in the Taurida
Formation in the Crimea, by N. V. Logvinenko, V. G.
Karpova, K. G. Shandyba, D. P. Shaposhnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 3,
1958, pp 531-534.

CB

Sci
Nov 59

10/011

On the Remains of Marine Diatoms in the Cenozoic
Continental Deposits of the Rudnyi Altai and the
Boundary of the Paleogene Sea in the South of West
Siberia, by I. S. Chumakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 3,
1958, pp 535-537.

CB

Sci
Nov 59

101,010

On the Genesis of Foldspars in the Quartz-Holite
Weins of Eastern Transbaikalia, by V. K. Boronov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 3,
1958, pp 538-540.

CB

Sci
Nov 59

101,026

Paramorphs of Calcite After Vaterite, by U. A.
M'Gonigly, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXI, No 3,
1958, pp 541-

CB

Sci
Nov 59

101,028

A Histochemical Investigation of the Parasitic
Larva Polypodium Hydriforme Urov (Coelenterata),
by E. V. Raikova, pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 3,
1958, pp 549-.

Amer Inst of Biol Sci

Sci - Med

96,093

The Distribution and Ecological Character of the
North Caspian Amphipoda and Cumacea, by N. N.
Romanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 3,
1958, pp 553-.

Amer Inst of Biol Sci

Sci-Med

96,101

Quantitative Distribution of Heterotrophic
Microorganisms in the Indian Ocean and in
Adjoining Antarctic Seas, by M. N. Lebedeva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 3,
1958, pp 557-.

Amer Inst of Biol Sci

Sci - Med

96,104

The Morphology of Certain Eunicomorpha (Polychaete).
Larvae, by V. A. Sveshnikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 3,
1958, pp 565-.

Amer Inst of Biol Sci

Sci - Med

96,116

On Certain Exact Solutions of the Gas Dynamics
Equations, by B. S. Grigoryan, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^{XXI} ~~CXXI~~, No 4,
pp 606-609.

Morris D. Friedman
G-156

Sel

May 59

OTS I, 7

87, 453

Zemlen's Theorem in Magnetohydrodynamics, by
S. V. Yordanskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII,
No 4, 1958, pp 610-612.

Morris D. Friedman I-117

Sci - Mathematics, Physics
Feb 59

81,501

One-Dimensional Self-Similar Motion of a Contract-
ing Gas in a Magnetic Field, by V. P. Korobovskiy,
3 PP.

At Nauk SSSR

RUSSIAN, ~~PHYS. JOURNAL~~, Vol CXII, No 4,
1958, pp 613-615. *9036412*

Morris D. Friedman

Sci - Physics

Feb 59

81, 231

Interactions Between Gaseous Molecules and Water and
 Other Polarized Molecules, by H. A. B. ...
 G. A. Broughton, Yu. P. Merelov, H. H. ...
 ...

RESEARCH, ... Dok Ak Nauk SSSR, Vol CXXX, No 4,
 ... 197-200.

Interactions of Water
 and Molecules - ...
 Vol. XXX, No 4

Doc. ...
 Vol. 59

91, 933

Theory of the Formation of a Latent Electro-
photographic Image and the Development of
V. M. Prigod, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXI, No
1958, pp 627-.

NEE 6 2-10
Amer Inst of Phys
Sov Phys - Moscow
Vol III, No 4

Sov - Phys

Jul 59

68/11-650

91,936

Polar Spectrohydrographometer. by V. N. Veynberg,
N. M. Dzhigalova, P. K. Meynberg, V. L. Tikhonova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 4,
1958, pp. 634-6.

Amer Inst. of Phys
Sov Phys - Doklady
Vol III, No 4

Sci - Phys

Jul 58

91, 918

Calculation of the Limiting Values of the Activation
Energy for Different Processes in Solid Metals, by
K. A. Osipov, 5 pp.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol CXXI, 1958,
pp 637.

FDD/X-3260

Sci - Min/Met
Jan 59

78, #20

On the Structure of the Product of Reaction
Between Certain α -Halogen-Ketones of the
Carboxylic Series and Triethyl-Phosphite or
Sodium Diethylphosphite, by B. A. Arbusov,
V. S. Vinogradova, M. A. Poleshayeva, & p.

RUSSIAN, ^pMer, Dok Ak Nauk SSSR, 1958, Vol CXXI,
No 4, pp 641-643.

SLA 59-15370

Sci
Dec 59
Vol 2, No 6

104,126

Formal Kinetic Laws for the Thermal Decomposition
of Explosives in the Liquid Phase, by P. I. Dubovitskiy,
G. B. Manelis, A. G. Merzhanov, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXVI, No 4,
1958, pp 668-670.

Consultants Bureau

Sci - Phys

Sep 59

97665

OTS TT-62-28310 (RUSSIAN to FRENCH)

The Use of Water as a Sensitizer for the Radiation
Initiation of the Oxidation of Benzene, by M. A.
Proskurnin, E. V. Barelko, L. I. Kartashova, 4 pp.

RUSSIAN, per, Dokl Akad Nauk SSSR, Vol CXXI, No 4,
1958, pp 671-673.

Consultants Bureau
ATS/RJ-2090

Sci - Phys

Sep 59

97664

The Catalytic Synthesis of Unsaturated Hydrocarbons
of the C⁴ Series Labeled With Radioactive Carbon
C¹⁴, Using Vapor-Phase Distribution Radio-
Chromatography, by G. M. Zhabrova, O. M. Vinogradova,
B. M. Kadenatay, Z. A. Markova, 4 pp.

RUSSIAN, part, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 674-677.

Consultants Bureau

Sci - Phys

Sep 59

97666

The Equation for Isothermal Diffusion in the
Critical Region, by L. A. Rott, 4 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Vol CXXI, No 4,
1958, pp 678-680.

Consultants Bureau

Sci - Engrs

Sep 59

77655

12 737

AT-1

SHUSHUNOV V. A., ANDREEV B. Ya.

Kinetic isotope effect in the reaction of hydrogen and tritium
with the oxides of certain metals

Kinetischer Isotopeneffekt bei der Reaktion von Wasserstoff
und Tritium mit den Oxyden einiger Metalle

Dokl. Akad. Nauk SSSR, 121, No. 4, 680-692 (1958)

Ch, 1960/61, No. 112 - German

E u r a t o m

The Coefficients for the Equilibrium Distribution
of Deuterium in the Isotopic Exchange Between Water
and Certain Thiols, by K. I. Sakodyskiy, S. I.
Babkov, N. M. Zhavoronkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 661-664.

AEC/BNL-TR-436

Consultants Bureau

Sci - Phys

Sep 59

Equilibrium Potentials of Titanium in Chloride
Melts, by M. V. Smirnov, L. E. Ivanovsky, N. A.
Logachev, 4 pp.

RUSSIAN, Izv. Dokl. Ak. Nauk SSSR, Vol. CXXII, No. 4,
1958, pp 685-686.

Consultants Bureau

Sci. & Engrg.

Sup. 55

77656

The Kinetic Isotopic Effect in the Reaction of
Hydrogen and Tritium With the Oxides of Certain
Metals, by V. A. Shushunov, B. Ya. Andreyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 689-.

Consultants Bureau

Sci. - Phys.

Sep 59

97658

The Connection Between the Electrical
Characteristic of the Cross Section of Domanik
Basis Deposits with the Lithological-Geochemical
Properties of the Latter, by V. A. Zav'yakov,
xx 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1958, pp 693-.

Consultants Bureau

Sci - Geophys

Jun 59

88, 619

The Flotation of Particles Smaller than 10,
by Gases Evolved From ~~the~~ Solution, by V. I.
Klassen, N. P. Meshcheryakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX¹, No 4,
1958, pp 697-.

Consultants Bureau

Sci - Chem

Jun 59

88,688

The Types of Break Disturbances of the Red Beds of
the Cheleken Peninsula, by V. M. Bud'ko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1959, pp 701-704.

CB

Sci
Nov 59

On the Cambrian of the Baikalian Highlands on the Basis
of its Organic Remains, by A. G. Vologdin, 4 pp.

I
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCV, No 4,
1954, pp 705-708.

CB

Sci
Nov 59

101,013

New Data on the Oligocene Rocks of the Northern Slope
of the Mzhur-Ineretsk Range, by M. F. Davelaya,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 4,
1958, pp 709-711.

CB

Sci
Nov 59

101,014

New Data on the Permian Deposits of Western Trans-
Baikalia, by L. A. Kozubova, M. V. Kulikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 712-715.

CB

Sci

Nov 59

101,015

The Marine Paleogene Deposits of Southeast Turk-
menia, by V. I. Solun, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 716-719.

CB

Sci
Nov 59

101,016

Cryptal Structure of Mica-Like Hydrous Calcium
Silicates: Okenite, Nekoite, Truscottite and Gyrolite,
New Silicate Radical $[\text{Si}_6\text{O}_{15}]^{10-}$ by M. S. Mamedov,
H. V. Belov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 4,
1954, pp 720-723.

8

CB

Sci
Nov 59

101,029

Dzhulakulite - A New Cobalt Mineral, by N. N.
Shishkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXKI, No 4,
1958, pp 724.

CB

Sci
Nov 59

101,031

The Structure of the Terminal Apparatus of the Nerve
to the Ovary, by V. Ya. Karmyshova, pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 730-733.

Amer: Inst of Biol Sci

Sci - Med

96,094

The Innervation of the Mammalian Testis, by A. M.
Rastvorova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR. Vol CXXI, No 4,
1958, pp 734-737.

Amer Inst of Biol Sci

Sci - Med

96,095

Innervation of the Ependymal Lining of the Cerebral
Ventricles in Man, by Yu. L. Sutulov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 4,
1958, pp 738-.

Amer Inst of Biol Sci

Sci - Med

96,096

~~Genetic Methods of Individual Selection in the~~
Raising of Carp, by V. S. Kirpichnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 742-.

Amer Inst of Biol Sci

Sci - Med

96,091

Effect of Growth Factors (Bacterial Vitamins) on
the Development of Botrytis Species in Connection
With Their Specialization, by M. N. Talyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 4,
1958, pp 746-.

Amer Inst of Biol Sci

Sci - Med

96,105.

Change in the Composition of the Herbaceous
Cover of a Bottom-land Meadow With the Introduction
of Siberian Cow Parsnip (Heracleum sibericum L.),
by T. A. Rabotnov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 750-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,030

The Effect of Copper on the Photosynthetic Rate of
Spring Wheat Leaves, by S. N. Drozdov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 753-754.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,022

The Stimulatory Effect of Gibberellins from Different
Sources, by A. A. Krasil'nikov, H. A. Chudilina,
G. K. Skryabin, Yu. M. Khoklova, I. V. Ulezlo,
T. N. Konstantinova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 745-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,023

Composition of the Blood Proteins of Rabbits in
Anaphylaxis, by M. G. Kolpakov, 3 pp. *AB*

5
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 759-761.

Inst of Biol Sci

Sci - Med

96,111

Extrapolative Reflexes as the Elementary Basis
for the Reasoned Activities of Animals, by L. V.
Krushinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No. 4,
1958, pp 762-.

Amer Inst of Biol Sci

Sci - Med

96,112

Concerning a Study of Vectors of the Tick-Induced
Relapsing Fever in China, by Pen Chun-Tsai, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 4,
1958, pp 766-.

Amer Inst of Biol Sci

Sci - Med

96,108

On the Archimedean Principle in Semi-Ordered
Factor-Lineals, by A. I. Veksler, 6 p.

^{*Det*}
RUSSIAN, per, Akad Nauk SSSR, 1958, Vol CXXI,
No 5, pp 775-777.

SLA 59-17769

Sci
Jan 60
Vol 2, No 8

105, 532

On the Asymptotic Behavior of the Solutions
of Boundary Problems for Quasilinear Differ-
ential Equations, by M. I. Vishik,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI,
No 5, 1958, pp 778-781.
NASA TT F-484

Sci-Math
Jul 67

332,902

Characteristics of Electromagnetic Cascades in
Photographic Emulsions by Taking into Account
the Effect of the Medium on the Radiation
Process, by A. A. Varfolomeyev, D. I. Golentko,
and I. A. Avetlobov, 6 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1958, Vol. CXXII,
No 5, pp 785-787.

SIA 59-17406

Sci
Jan 60
Vol 2, No 8

105, 543

Some Properties of Specific Integrals of the
Cauchy Type and Their Applications, by

V. V. Ivanov.

RUSSIAN, per, Doklady Akademii Nauk SSSR,

Vol 121, No 5, 1958, pp 793-794.

NASA TT F-11,553

Sci

Dec 68

371,080

On the Application of Multistate Electron-
Optical Image Amplifiers in Astrophysics, by
M. M. Butslov, E. K. Zavoyshiy, A. A. Kalingak,
V. E. Nikonov, V. V. Prokofyeva and G. E. Smolkin,
5 pp.

RUSSIAN, ⁸Per, Dok Ak Nauk SSSR, Vol CXXI, No 5,
1958, pp 815-818.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

91,954

On the Production of High-Energy Particles and
Their Application in Solid Media, by A. Z. Serebryi.
3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXI, No 5,
1958, pp 819-.

Author Index of High
Sci Phys - Doklady
Vol LXX, No 5

Sci - Phys

Vol 59

91,955

Calculation of the Nuclear Response Should
Department of Defense Information, by E. A. [unclear]
4 pp.

RUSSIAN, per: Dokl Ak Nauk SSSR, Vol. CXXI, No. 6,
1958, pp 623-.

Doc. 1000000000
Gov. Trans - Doklady
Vol. LII, no. 6

Sol - Flye

Jul 59

91, 929

Laboratory Reproduction of the Secondary Seismo-
electric Effect, by M. S. Antsyforov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 161, No 5,
1958, pp 827-

CB

Sci
Nov 59

101,021

New Data on the Bottom Relief of the Black Sea,
by V. P. Goncharov. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 5,
1958, pp 830-833.

Navy 2171/ONI 477

Sci - Geophysics
Jul 59

92,773

An Investigation of Cell Radiosensitivity with
Repeated Exposures to Ionizing Radiation, by
M. M. Chervakov, R. G. Minayeva, et al.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. CXVI, No. 5,
1958, pp. 837-840.

Am. Inst. of Phys
Sov Phys - Doklady
Vol. III, No. 4

Sci - Phys

Jul 59

92,141

Reactive Changes in Certain Elements of Mammalian
Testes Following x-Rays, by A. M. Rastvorova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 5,
1958, pp 841-.

Amer Inst of Phys
Gov Phys - Doklady
Vol III, No 4

Sci - Phys

Jul 59

92,142

On the Occasion of the 50th Anniversary of
the Formation of the USSR, by H. V. Gerasimov
et al.

EXHIBIT, per, Dokl Ak Nauk SSSR, Vol CXXXI, No 5
1958, pp 550-551.

Academy of Sciences
Sov Phys - Doklady
Vol III, No 4

Sov - Phys

Jul 59

91, 9.20

On the Energy of Vacancy Formation in Solid Metals,
by K. A. Onipov, 5 pp.

RUSSIAN, per, Dok Ak Nauk, SSSR, CXXI, 1958, pp 855.

FDD/X-31221

AE 3464

Sci - Min/Met
Nov 58

171,623

Study of the Kinetics of Polymerization of Isoprene
Under the Action of a Complex Catalyst, by S. M.
Bresler, M. I. Monovitskiy, 7 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Vol. CXXX, No. 5,
1958, pp 859-861.

SLA 59-15016

Sci. Chemistry

Sep 59

Vol. XX, No. 2

98,640

Syntheses of 1-Benzyl-2-Methyl-5-Methoxytryptamine, by
A. N. Grinov, V. N. Kermakova, A. P. Terent'yev, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 5, 1958,
pp 862-864.

SLA 55-15870

Sci
Dec 59
Vol 2, No 5

103, 594

The Catalytic Alkylation of *n*-Butane by Ethylene
at High Temperatures and Pressures, by N. M.
Nazarova, A. A. Balandin, L. Kh. Freydlin, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 5,
1958, pp 865-868.

SIA 59-10517

Sci + Chem
Sep 59
Vol 2, No 2

97,985

The Dependence of the Conjugation Signs on the
Rotation Angle of Methoxy- and Dimethylamino-
Groups Relative to the Plane of the Benzene Ring,
by P. P. Shorygin, Z. S. Egorova.

RUSSIAN, per, Dok Ak Nauk ⁵SSR, Vol CXXI, 1958,
pp 869-872.

*AEC

Sci - Phys

Feb 59

The Electrochemical Properties and Corrosion
Behavior of Titanium in Sulfuric Acid Solutions,
by V. V. Andreyeva, V. I. Kazarin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 5,
1958, pp 873-876.

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Sci - Phys

Sep 59