

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

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXXVIII, No 3,
1959, pp 554-

CB

Sci - Chem
Sep 60

127,736

Investigation in the Field of Compounds Related
With C^{14} and N^{15} . IX. Synthesis of $W-125$,
Amino Acids, by V. I. Maimind, O. M. Sainberova,
K. M. Ermolayev, R. G. Vdovina, G. A. Golgov,
M. M. Shenyaltin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 11,
1958, pp 2223-2228.

CB

Sci - Chem
Oct 59

99,948

V
Variability of Forms of Existence of Microbes
and Viruses of Insects, by M. F. Ermolov, 16 pp.

Y
RUSSIAN, per, Agrobiologiya, No 4, 1953, pp 89-
99. CIA 0151099

Sci Trans Center
RT-1669

14,616

USDA

Scientific - Biology

Dec 54 CTS/DEX

Choice of types of screening apparatus for the
Method of Sieving and From Gravel Mixtures, by
P. S. Ermolov, 15 pp.

RUSSIAN, Math Stroi, Vol 7, No 6, 1950, pp 12-15

Sci Abstract No 51/1824

Scientific

A-2243

Deactivation of the Triplet State of Aromatic
Molecules, by A. P. Terenin, V. L. Ermolayev, 31 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXVI, No 1, 1962, pp 21-31.

CFT

77

Sci

Jan 63

220,684

Boris Yakovlevich Sveshnikov, by
A. V. Aristov, V. L. Ermolaev, 9 pp.

RUSSIAN, per, Uspekhi Fiz. Nauk, Vol. LXXXI,
No 2, 1963, pp 201-210.

Amer Inst of Phys
Sov Phys - Uspekhi
Vol VI, No 5

Sci
Aug 64

234,759

Effect of Cerium Upon the Self-Diffusion of
Iron, by A. P. Lyubchenko, V. I. Ermolaev.

RUSSIAN, par, Fiz Metallov i Metallovednie,
Vol XIV, No 1, 1962, pp 157-160.

HB 5734

Sci-Min/Met
Jan 63

220,014

~~Doris Danyilevich Sveshnikov~~, by A. V. Aristov,
V. L. Ermolov, 9 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXXI,
No 1, 1963, pp 201-400.

Amer Inst of Phys
Sov Phys - Uspekhi
Vol VI, No 5

Sci
Jan 64

250,380

Modes of Internal Deactivation of Excited
Aromatic Molecules in Vitreous Solutions,
by V. L. Ermolaev, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXVII, No 5, 1963, pp 617-622.

CTT

Sci
Jun 64

261,903

Sensitized Phosphorescence of Aromatic Compounds
(Energy Transfer From the Triplet Level to the
Phosphorescent Triplet Level), by V. L. Ermoleev, 5 pp.

RUSSIAN; no per, Iz Ak Nauk, Ser Fiz, Vol XX, No 5,
1956, pp 514-519.

Consultants Bureau

Sci - Physics
Jun 1957

49,091

Sensitized Phosphorescence of Organic Molecules
at Low Temperatures, by V. L. Ermolayev, A. N.
Terenin,.

RUSSIAN, per, Pamyati Sergeya Ivanovicha
Vavilova, Moscow, 1952, pp 137-146.

Nat Res Lab TT.540
Ottawa, Canada

Sci Mus Lib 55/2916

Sci - Chemistry

32,080

Sensitized Phosphorescence of Organic Molecules
at Low Temperatures. Intermolecular Energy Trans-
fer With Excitation of the Triplet Level, by
A. N. Torenin, V. L. Ermolaev, 12 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXXV, No 3, ~~1951~~ 1952, pp 547-550.

29,552

Sci Mus Lib 55/2462

Natl Res Lib TT-529

Sci - Physics

TT. 529

Sensitized Phosphorescence of Organic Molecules at
Low Temperatures, by V. L. Simolov, A. N.
Terent'ev.

RUSSIAN, by, Pamiat' Sergeya Ivanovicha Vavilova
Akad Nauk SSSR, 1952, pp 137-146.

Natl Res Council, Canada
TR No 540

Sci - Chem

May 50

115,537

Direct Measurement of the Lifetimes of Chlorophyll
and Analogous Pigments in Various Media, by G. D.
Demchenko, V. L. Ermolov, A. E. Gerasimov,
3 pp.

RUSSIAN, ger, Dok Ak Nauk SSSR, Vol. CXXV, No. 4,
1957, pp 751-753. JLA R-27305

Amer Inst of Biol Sci

Sci - Biology

Aug 58

10/1/58

Part II. Intermolecular Energy Transfer in the
Sensitized Fluorescence of Organic Systems, by A. N.
Terenin, V. L. Ermolayev, ~~pp 37-41 and 2-64 pp~~

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LVIII, 1956, pp 37-
68.

AEC Tr 3031

Sci - Physics
Apr 58

61,083

Spheres of Quenching in Case of Energy
Transfer between Triplet Levels, by V. L.
Ermolayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 2, 1961, pp 348-350.

AIP
Sov Phys - Dok
Vol VI, No 7

Sci

Feb 62

182, ~~647~~ ⁸⁶⁶

Foreign Research for the Organic Synthesis Laboratory
State, by T. M. Kuznetsov, 26 pp.

RUSSIAN, 1963, Uspekh. Fiz. i Khim., Vol. XXX, No. 3-4,
1963, pp. 3-10.

~~RRS-1221~~

Amer. Inst. of Physics
Sov. Phys. - Uspekh.
Vol. VI, No. 3

245, 799

Sci
JUL 64

Internal Conversion from the Fluorescence to the
Phosphorescence Level in Naphthalene Derivatives,
by V. L. Ermolayev, I. P. Kotlyar, K. K. Svitashov,
3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,
No 5, 1960, pp 492-495.

CTI

Sci
Jul. 61

159,648

Influence of the Hydrogen Bond on the Probability
of Internal Conversion to the Triplet Level in
the Quinoline Molecule, by V. L. Ermolayev,
I. P. Kotlyar, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol IX, No 3,
1960, pp 353-359.

Optical Soc of Amer

Sci
Jan 61

136,333

NCH-201 328

Field 11F

Ermolaeva, E. V.
THE DEPENDENCE OF THE PROPERTIES OF ALUMO-
SILICATE MELTS ON THE PHASE COMPOSITION
DIAGRAM AND THE COVALENCY OF BONDS. 1965,
13p, 11refs. CE-Trans-3888.
Order from NLL

Central Electricity
Generating Board,
London (England)

Trans. of Akademiya Nauk SSSR. Institut Metallurgii.
Trudy, no 187-95 1981.

303985

АЮУУЮЮ

TT-65-64335

Experience Attained During the Performance of Block
Deratization in a Large City, by A. D. ERMOLAYEVA,
5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Imunobiol,
Vol LXXI, No 7, 1960, pp 137-140.

PP

Sci

184, 136

Aug 61

Study of Daily Variation in the
Photosynthesis of Potato and
Tomato Plants by Means of Labelled
Carbon, by S. Ya. Ermolayeva.
RUSSIAN, per, Problemy Fotosinteza,
1959, pp 613-619.
ILL. RES 2880 (On Loan or Purchase)

Aug 65

E. Ya. Ermolayeva

287,134

Effect of Maleic Acid Hydrazide¹ on Flowering of
Perilla Ocymoides in a Longday Environment, by N. A.
Kozlova, E. Ya. Ermolayeva, P. Batska, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,
1960, pp 231-.

AIBS

Sci
Sep 60

127,441

The Quantitative Relations Between Protein and
Nucleoprotein Fractions of Various Tissues,
By G. P. Georgiev, L. P. Ermolayeva, and I. B.
Zbarskiy, 4 pp.

RUSSIAN, Per, Biokhim, Vol XXV, No 2, 1960,
pp 318-322.

CB

Sci

132, 460

The Characteristics of the Nuclear Nucleoprotein
of Some Experimental Tumors and of Chick Embryos
by I. B. Zbarskiy, L. P. Ermolayeva, 3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol L,
No 10, 1960, pp 64-66.

CB

Sci

Jul 61

157,485

Composition of the Nuclei of Baltic Salmon
Spermatozoa, by I. B. Zbarskiy, I. P. Ermolayeva,
3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXL, No 1,
1961, pp 240-243.

AIBB

Sci

189,218

Mar 62

Purine and Pyrimidine Bases of a Thermophilic Variant
of *Bacillus licheniformis*, by T. N. Evneynova, L. P.
Ernolayeva, A. M. Gerasimova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CKVIII, No 2,
1958, pp 334-337.

Amer Inst of Biol Sci

Sci - Biology, Chemistry
Jan 59

79,184

Arithmetic Sums of Recursively-Projective Sets,
by N. M. Ermlaeva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 172, No 5,
1967, pp 1011-1013.
Am Math Soc
Vol 8, No 1, 1967

N. M. ERMOLAeva

Nov 68

370,341

Summary of the Disturbance of the
Decomposition of Deoxyribonucleoproteins After
Whole-Body Irradiation with Gamma-Rays, by R. V.
Ermaolayeva, 7 pp.

RUSSIAN, per, Radiobiologiya, Vol I, No 6, 1961,
pp 834-837: 9202283

AEC-Tr-5427

Sci

Mar 63

232,852

Nucleic Acid Content of Cellular Components of the
Mucosa of the Small Intestine after γ -Irradiation,
by N. V. Ermolayeva, 3 pp.

RUSSIAN, per, Biokhim, Vol XXV, No 4, 1960, pp 675-
678.

CB

Sci -
May 61.

152,831

Enzymic Decomposition of Deoxyribonucleoproteins, by
N. V. Ermolayeva, 9 pp.

RUSSIAN, per, Biokhim, Vol XXVI, No 5, 1961,
pp 897-908.

CB

Sci

Jul 2 62

204,292

The Primary Source of Acetic Acid in the Thermal
Decomposition of Deciduous Wood, by S. S. Ermolayeva,
6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXI, 1948, pp
543-547.

SLA R-3012

Sci

Jul 59

92,708

Investigation of the Film Forming Properties of Butyl Orthoformate and the Preparation of Thermostable Coatings Based on it, by V. B. Kiselev, T. A. Kuznetsova, 6 pp.

Full to

RUSSIAN, no pag, Zhuzhik Khim, Vol XXX, No 2, 1956, pp 288-294. CIA 564937 C, Reel No 16

Consultants Bureau

Scientific - Chemistry
Sep 56 CIB/Sec

38,422

Reaction of Butyl Orthotitanate with Fatty Acids
of Vegetable Oils, by V. S. Kiselev, T. A.
Ermolayeva, 5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 12, 1957,
pp 1810-1814.

Consultants Bureau

Sci - Chem

Feb 59

81,976

63-17821

Ermolaeva, T. A. and others.
THE EFFECT OF MODIFYING RUTILE TITANIUM
DIOXIDE ON ITS WETTABILITY WITH LINSEED
OIL AND WATER. [1963]
Order from TTIS \$18.00 TTIS NS-103

- I. Ermolaeva, T. A.
- II. TTIS-NS-103
- III. Translation and
 Technical Information
 Services (C. Brit.)

Trans. of Lakhsasochnye Materialy [Ikh Primenenie]
(USSR) 1962, no. 6, p. 20-23.

DESCRIPTORS: *Titanium compounds, *Dioxides,
*Linseed oil, Water, Surface properties, Paints.

44600

(Materials--Paints, TT, v. 10, no. 6)

Office of Technical Services

Production of Titanium-Containing Film-Forming
Substances and Lacquer and Paint Coatings Based
on them. II. Transesterification of Butyl
Orthotitanate by Mono- and Diglycerides of
Vegetable Oils and by Incompletely Esterified
Glycol Phthalate and Glycol Maleate Esters, by
V. S. Kiselev, T. A. Ermolova, 6 pp.

Full tr

40,494

RUSSIAN, no per, Zhur Prikl Khim, Vol XLIX, No 3,
1956, pp 432-437. CIA 9000995-C, Reel No 42

Consultants Bureau

Sci - Chemistry
No# 58 CTS

Production of Rapidly-Drying Coatings Based on
Polyester Resins from Soudrying Oils and
Butyl Orthotitanate, by V. B. Kiselev, T. A.
Buzolayeva, 6 pp.

RUSSIAN, paper, Zhur Prikl Khim, Vol. XXXI, No. 1,
1958, pp 111-115.

Consultants Bureau

Sci. - Chem

Mar 59

82,677

Radical Recombination in Solid Organic Substances.
I. Investigation by Means of the Method of Thawing,
by V. K. Ermolaev, Yu. N. Molin, 5 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol III, No 1,
1962, pp 58-64.

Consultants Bureau

Sci
Dec 62

218,194

Dependence of the Probability of Energy
Transport in Sensitized Phosphorescence
on the Oscillator Strength of a Triplet-
Singlet Transition in an Energy Acceptor
Molecule, by V. E. Ermolayeva, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol VI, No 5,
1979, pp 642-647.

Optical Society
of America

Sci

103,824

Rec 58

Investigations in a Pyridylthiazolylmethane Series,
by V. G. Ermolayeva, M. N. Shchukina, 17 pp.

RUSSIAN. per; Zhur Obshch Khim, Vol XXXII, No 8,
1962, pp 2564-2570. 9211926

Emmanuel Coll Res Lang Ctr
E-T-R-63-5

Sci
Sep 63

Radiation Sterilization of Antibiotics. Part 2.
Main Prerequisites of the Use of Nuclear Radiation
in the Sterilization of Antibiotics. Choice of
Radiation Sources and Investigation Subjects, by
Z. V. Erml'eva.

RUSSIAN, per, Antibiotiki, Vol. VI, No 10, 1961,
pp 904-908.

ATS RJ-4183

Sci - Biol & Med Stci
Dec 63

244,889

Tests of some Antibiotics for Prevention of
Radiation Sickness,
by Z. V. Ermol'yeva, S. M. Pekerman, L. F.
Semenov, 4 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 6, 1959,
pp 78-80.

CB

165,469

Sci

Jul 61

Stimulation of Nonspecific Immunity by Some
Bacterial Polysaccharides, by A.Z. V. Ermol'yeva,
G E Vaisberg, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol LII,
No 3, 1961, pp 77-81.

CB

Sci

Jun 62

201, 3230

Use of Antibiotics in Agriculture, by
Z. V. Ermoljeva.

RUSSIAN, bk, Antibiotiki v sel'skom khoziaistve
i pishchevoi promyshlennosti. Izdatel'stvo
Inostrannoi Literatury, Moskva, 1954.

CIA D 407204 USDA

Scientific - Biology
CIS 72/Sep 1955

26,816

On the Nature of the Coervice Force in Alnico
Alloys, by A. S. Ermolenko, Ya. S. Shur,
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXV, No 12, 1961.

CTT

Sci

Jan 63

222 200,201

Mechanism of the Oxidation of Cellulose by Nitrogen
Dioxide, by M. M. Favlyuchenko, I. N. Ermolenko,
F. W. Kapitskiy, 6 pp.

RUSSIAN, *Izv. Akad. Nauk SSSR Ser. Khim.*, Vol XXVIII, No 6,
1960, pp 1385-1390.

CB

Sci

158, 458

Jun 61

Spectroscopic Investigation of the Loss of
Hydroxy Groups of Cellulose Under the Action
of Nitrogen Dioxide, by I. N. Ermolenko, R.
G. Zabanov, N. Ya. Lashina, V. S. Ivanov,
V. I. Ivanov, 3 pp.

RUSSIAN, per Iz Ak Nauk SSSR, Obshch Khim
Nauk, No 12, 1958, pp 1495-1496.

Сопубликовано в журнале

112, 213

Sci
Apr 60

Infrared Spectra of Cellulose Transparent Films
Obtained by Pressing Fibers Under High Pressures, by
R. G. Zhebanski, I. N. Ermolenko.

BELORUSSIAN, per, Vestsi Akad Navuk Belarus SSR, Ser
Fiz-Tekh Navuk, No 1, 1956, pp 15-24.

ATS WJ-1149

Sci - Phys

Apr 60

114,511

New Method of Determination of Swelling of
Gels, by I. N. Ermolenko, M. I. Mazel, 2 pp.

RUSSIAN, *bim.*, Kolloid Zhur, Vol XIV, No 5,
(Sep-Oct), 1952, pp 390-391.

Consultants Bureau

Scientific - Chemistry

4909

Mar 54

CTS/DEX

Spectral Investigation of Cation Exchange on
Carboxymethylcellulose, by S. S. Gusev, M. A.
Katibnikov, I. N. Ermolenko. pp. 6.

RUSSIAN, per. Kolloid Zhur,
Vol. XXIII. No. 2, 1961
pp. 140-144

CB

Sci

Mar. 62

189,030

Spectroscopic Investigations of the Products and
Mechanism of Oxidation of Cellulose by Nitrogen
Peroxide, by M. M. Pavliuchenko, I. N. Ermolenko,
5 pp.

RUSSIAN, no par, Iz Ak Nauk, Ser Fiz, Vol XX, No 5,
1956, pp 546-551.

Consultants Bureau

Sci - Physics
Jun 1957

49,094

The Kinetics of Oxidation of Cellulose by Nitrogen
Peroxide According to Data Obtained from the
Absorption Spectra of the Products, by I. N.
Ernolanko and M. N. Pavlyuchenko, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 3, 1958, pp 722-727.

Consultants Bureau

Sci - Chem

May 59

87,380

Study of Some Oxidation Reactions of Cellulose
by Infrared Spectroscopy, by I. N. Ermolenko,
et al.

RUSSIAN, part, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1958, pp 249-251.

Handwritten: [unclear]
Assoc Tech Serv RJ-1436
" " " 65K23R

Sci - Chem

Apr 59

Handwritten: 85,314

The Importance of Nucleic Acid and Carbohydrate
Metabolism in Cell Division, by L. M. Ermolenko,

6 pp.

RUSSIAN, per, Sbul Eksper Biol i Med, Vol
XLIV, No 12, Dec 1957, pp 102-107.

Consultants Bureau

Sci - Med
Aug 58

69, 270

Denaturation of Vegetable Proteins by Detergents and
Caustic Alkali, by N. F. Ermolenko, D. Z. Ginzburg,
4 pp.

RUSSIAN, bimc per, Kolloid Zhur, Vol XVI, No 2, USSR,
Mar/Apr 1954, pp 104-108. CIA D 167133.

Consultants Bureau

USSR

Scientific - Chemistry

2/144

CTS 65/Feb 1955

The Structure and Adsorptional Activity of Hydroxides
of Aluminum, Chromium, and Iron in Relation to the
Conditions of Their Formation, S. A. Levina, N. F.
Ernolenko, 10 pp.

RUSSIAN, *in* par, Kolloid Zhur, Vol XVII, No 4,
1955, pp 287-294. CIA C41021

Consultants Bureau

Scientific - Chemistry
Mar 56 CTS/dex

32,123

Solubility and Adsorption of Aromatic Acids as
Dependent on Nature and Position of Substituent
Groups, by M. F. Ermolenko, N. L. ~~Ex~~ Lenets,
6 pp.
Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 8,
1953, pp 1313-1319. *CIA ID 100822*

Consultants Bureau

Scientific - Chemistry

Dec 54 CTS/DEK

20,123

ERMOLENKO, N. F., and LEVITMAN, S. Ya.

Refractometric Data on Higher Molecular Compounds
in Solutions of Mixed Salts

Zhur Obshch. Khim, Vol XX, No 1, 1950 (Jan), pp 31-37

Consultants Bureau Translation

*TVA Wilson Van Chem Eng
Sub 2906*

Adsorption, Structural, and Physicochemical
Properties of Clay-Hydroxide Adsorbents, by V. S.
Komarov and N. F. Ermolenko, p. 7

RUSSIAN, per, Kolloidnyi Zhurnal, Vol XXIV, No 6,
Nov-Dec 1962, pp. 709 - 716

CB

340, 441

Sci.

Aug 63

Higher Molecular Compounds in the System CdCl_2 - KCl -
 H_2O , by N. F. Ermolenko and A. I. Makhaveeva. $\frac{3}{6}$ pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 10,
1952, pp 1741-1745.

Consultants Bureau

Scientific - Chemistry

14,495

The Selective Character of Adsorption as a Function
of Sorbent Structure, by V. S. Komarov,
N. F. Krnolenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXXIV,
No 1, 1960, pp 129-132.

CB

Sci

Jul 61

167, 384

The Connection Between Structural Inhibitors and
Their Defensive Action on the BMX Oxidation
of Diphenone With Oxygen, by E. N. Novikova,
N. P. Ermolenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 1971,
195, pp 467-470.

Consultants Customs Tr
#61-192B
\$21.00

Sci - Chem

Mar 59

88 1156

The Administrative Activity of Criminals Registered
in Relation to the Conditions of the Detention,
by S. A. Lavina, N. P. Ivanovskoye, G. P.

RUSSIAN, *Prav*, Kollid *Prav*, Vol 214, No 6, 1957,
pp 573-577

СОЦИАЛИСТИЧЕСКИЙ ЗАКОН

Sci - Chan

Jan 59

80,049

Physicochemical Study of Molecular Compounds in
Solutions by the Measurement of the Refractive
Indices, by N.P. Ermolenko, Kh. Ya. Levitman;
11 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol 1, No 6,
1956, pp 1162-1172.

AEG-Tr-4587

340, 996

Sci

Apr 63

Ferric Hydroxide as a Catalyst for the Condensation of Acetone to Diacetone Alcohol, by S. I. Levina, N. P. Ermolenko, V. I. Pansevich-Kolyada, Engl. J. EP.

RUSSIAN, per Zhur Obshch Khim, Vol XXIX, No 6, 1959, pp ~~192-194~~ 1920-1925.

Consultants Bureau

Sci - Chemistry

122, 550

Method for Construction of Phase Diagrams of
Multicomponent Systems, by L. N. Zakharenko,
N.Y. Zhuravskaya, 7 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Ser. Khim., 1959,
1959, pp 540-555.

Contributor Index

Ref

Page 60

118, 196

63-14949

I. Ermolenko, V. D.

Ermolenko, V. D.
A STUDY OF FORMS OF BONDS BETWEEN FOOD
MATERIALS AND MOISTURE BY THE METHOD OF
PHYSICAL CHARACTERISTICS. [1963] [14]p. 18 refs.
Order from OTS or SLA \$1.60 63-14949

Trans. of [Izvestiya Vysshikh Uchebnykh Zavedenii.
Pishchevaya Tekhnologiya] (USSR) 1961, no. 1
[p. 140-146].

DESCRIPTORS: Food, Moisture, *Sorpton, *Flour,
Bread, *Starches, *Bakery products, Physical proper-
ties, Heat treatment, Temperature, Electrical proper-
ties, Adhesion, Hygrometers.

Proposed is the method of a complex research of
thermophysical, electrophysical and hygrometric
characteristics, with the intention to clarify the forms
of bonds between the moisture and the food products.
(Food, IT, v. 10, no. 7) (over)

A247565

Office of Technical Services

Application of Methods Involving the Thermodynamics
of Irreversible Processes to Mass Transfer Phenomena
in Colloids, by V. D. Ermolenko, 3 pp.

RUSSIAN, per, Inzhenerno Fiz Zhur, Vol III, No 5,
1960, pp 124. 9097341

AEC Tr-4902

Sci - Phys
Apr 62

189,965

English translation, by Ye. A. Stalder,
V. I. Ermolenko, 4 p.

RUSSIAN, par, Zhur Georg Krim, Vol IV, No 2,
1959, pp 358-366.

Sci - *ob es*
Jan 60

Cleaver-Hume Press
London

106,597

Intramuscular Application of Chlorotetracycline
With Escmolin, and of Per Os Tetracycline in
the Form of Tablets for the Treatment of
Influenza and Its Complications in Children,
by Z. V. Erzol'eva, M. E. Sukhareva,
B. M. Nemrovskaya, 4 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 3,
1959, pp 94-97.

CS

1611059

Sci
Aug 61

First Experience With the Application of the
Argon Method for the Determination of the Age of
Minerals, by E. K. Gerlin, G. M. Ermolin, N. V.
Baranovskaya, N. E. Titov. 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXXVI, No 3, 1952, pp 593-595.

Assoc Tech Sv
Tr 45H12R

May 58

63,908

TT-63-22211-3 (p. 446-452)

Ermolina, A. V., Igonin, L. A., and Kargin, V. A.
A STUDY OF THE RELATIONSHIP BETWEEN
PHYSICO-MECHANICAL PROPERTIES AND THE
NATURE OF THE SECONDARY STRUCTURES IN
CRYSTALLINE POLYMERS. II. A PHOTOMICRO-
GRAPHIC STUDY OF SPHERULITE STRUCTURES
IN POLYAMIDE 68 IN BULK. Sep 63, 7p 12refs
Order from FP \$140.00/year in Polymer Science USSR,
v. 4, no. 3, p. 446-452.

Trans. of Vysokomolekulyarnys Soedineniya (USSR)
1962, v. 4, no. 9, p. 1380-1384. (Abstract available)

DESCRIPTORS: *Polyamide plastics, Physical prop-
erties, Mechanical properties, Microstructure,
Stresses, Photomicrography.

By means of the etching method a study has been made
of the secondary structures of Polyamide 68 in relation
(Materials--Plastics, TT, v. 11, no. 1) (over)

- I. Ermolina, A. V.
- II. Igonin, L. A.
- III. Kargin, V. A.
- IV. Title: Photomicrographic...

Office of Technical Services.

Electron Diffraction Studies of Polymers. . . IV.
A Study of Structure Changes in
Polytrifluorochloroethylene in the Interval of the
Melting Temperatures of the Crystals, by A. V.
Ernolina, O. S. Markova, V. A. Kargin,

RUSSIAN, per, Kristallografiya, Vol. II, No 5,
1957, pp 623-627.

Amer Inst of Phys

Sci

Feb 60

108,636

Determining the Dimensions of Flaws Ultrasonically
on JPL Standard Specimens, by V.S. Grebennik, I .L.
English, 5 pp.

RUSSIAN, per, Zavod Lab, Vol XIX, NO 19 1963,
pp 1181-1185.

ISA

Sci

May 64

256,919

Diffraction of Sound in the Acoustic Field
of a Pulse-Type Flaw Detector, by I. I. ~~Ermolov~~,
7 pp.

ERMOLOV

RUSSIAN, per, Akust Zhur, Vol. VI, No 2, 1966,
pp 198-204.

AIP
Sov Phys-Acoustics
Vol VI, No 2

195,459

May 62

Inspection of Small-Bore Tubes by Means of an
Ultrasonic Flaw Detector and Thickness Gauge, by
I. N. Ershlov, M. F. Krakovyak, A. S. Matveyev,
3 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 11, 1960,
pp 1232-1234.

ISA

Sci

157,707

Vol 61

The URT-5 Ultrasonic Resonance Thickness Gage,
by I. N. Ermolov, M. F. Krakovyak, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 2, 1959,
pp 10-13.

Instru Soc of Amer

Sci

Jun 60

117,998

Measurement of Defect Size in Materials With the Ampli-
tude of an Ultrasonic Signal, by I. N. Ermolov, 37 PP
5

RUSSIAN, per, Zavod Lab, Vol XXVI, No 4, 1960,
pp 446-448. 45 Y.

IBA
*AEC

140,897

Bel.
Feb 61

Ultrasonic Testing of the Weld Joints of Rolled
Cast Steel Structures, by I. K. Ermolev. USSR.

RUSSIAN, Part, Sverdlovsk Province, No 11, 1958,
pp 29-32.

HB 5136
DSIR LIA RAS 1255

(1000) (100. 01.)

108,338

Sci - Eng

File: 60

On the observation of ...
Deed, by M. A. Kudakov, B. Viktor, V. P.
Dobuchov, E. F. Emolov, V. K. Moskalov, etc.

RUSSIAN, 1959, Zhur Kharuz 1 Teoret Pis, Vol
1959, pp 1080-1081.

REC HP 10 24

Sub - Kaya

Ref 59

Handwritten mark

Experimental Investigation of μ^- Mesic Atom Processes
in Gaseous Hydrogen, by V. P. Dzhelepov,
P. P. Ermolov, et al, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLII, No 2, 1962, pp 439-449.

AIP
Sov Phys - JETP
Vol XV, No 2

Sci
Sep 62

210,846

A Search for Bremsstrahlung Produced in Elastic
Scattering of Negative Pions by Protons, by
P. F. Ermolov, V. I. Moskalev, 5 pp.

RUSSIAN, part, Zhur Eksper i Teoret Fiz,
Vol XLII, No 2, 1962, pp 322-326.

AIP
Sov Phys-JETP
Vol XIV, No 2

Sci
11 Jan 62

193,902

High-Energy Gamma-Radiation From Na^{24}
by I. V. Gustova, B. S. Dabalyov,
P. F. Ermolov, O. V. Chubinskly, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser I
Fiz, Vol XIII, No 2, 1958, pp 211-215.

Columbia Tech

Sci - Phys

85,765

Apr 59

61-31069

Ermolov, V. V. and Petrov, G. D.
FORMWORK FOR MASSIVE CONCRETE STRUC-
TURES IN HYDRO DEVELOPMENTS, 2 ED., REV.
1967, 263p. 41 refs. PL-480 Int.
Order from OTS \$2.75

61-31069

- I. Ermolov, V. V.
- II. Petrov, G. D.
- III. PL-480 Int (61-31069)
- IV. National Science
Foundation, Washington,
D. C.

Trans. of mono. Opolubka Massivnykh Sooruzhenii
Gidroelektrostantsii, Moscow/Leningrad, 1954 [348p.].

DESCRIPTORS: *Civil engineering, *Concrete, Struc-
tures, *Dams, Hydroelectric power systems, Struc-
tural parts, Anchors (Structural), Reinforcing mate-
rials, Wood, Construction, Aging, Vacuum apparatus,
Holsts, Mathematical analysis, Design

1247988

The book deals with problems of the design, construc-
tion and erection of formwork for structures of hydro-
electric developments. Particular attention is given to
the most economic and advanced types of forms, as
well as to the mechanization of their manufacture and
(Engineering--Civil, TT, v. 10, no. 8) (over)

Office of Technical Services

EQUIPMENT FOR DETERMINING THE KINETICS OF
VAPORIZATION AND THE VAPOR TENSION OF METAL
POWDERS, BY I. M. FEDORCHENKO, YU. B. ERMOLOVICH,
5 PP.

RUSSIAN, PER, METALLOKERAMICHESKIYE MATERIALY
I METODY IKH ISSLEDOVANIYA - INFORMATSIONNYE
MATERIALY, KIEV 1959, PP 13-16.

JPRS 17887

SCI-M/M
MAR 63

224,186

Determination of Evaporation Kinetics and Vapor Pressure of Metal Powders, by I. M. Fedorchenko, Yu. B. Ermolovich, 10 pp 4 pp

RUSSIAN, ~~pp 177-186~~ Zavod Lab, Vol XXVI, No 2, 1960, pp 177-179

ISA 140,878

Sci-
Feb 61

Interactions Between Cationic Surfactants
and Rutile Titanium Dioxide, by T. A.

Kamolova,

RUSSIAN, per, Lakokrasochnye Materialy

i Ikh Primenenie, 1964, No 2, pp. 3-10.

CPSTI TTIS NS 227

T. A. Kamolova

3:3,47

Sci - Earth Sciences

Apr 57

Effect of Development Conditions on Microphotometric
Graininess of Photographic Materials, by I. E. Ermida,
K. P. Ermolina.
RUSSIAN, per Zh. Obshch. Khim., Photo. Index, Vol. 9,
No. 6, 1954, pp 425-435
GB 131/T 4570

K. P. ERMOLINA

1954 -
Aug 67

379-667

Effect of Development Conditions on
Microphotometric Graininess of Photographic
Materials, by I. I. Dreido, K. P. Ermoshina
RUSKIAN, per Zh. Nauch. i Prikl. Fotogr
Kliss, Vol. 9, No. 6, 1964, pp 425-435
HLL/5888 & 1965 11127

K. P. Ermoshina

Sel -
Aug 67

337-408

Correlation Between Affinity of Water Soluble
Substances for Wool and Their Bactericidal Activity,
by S. Seidenberg, M. Krag, R. Fischer.

SPANISH, Excerpta, No 6, 1950, pp 192, 193.

OQME Tr
QNT-260

Western Europe - Econ ???
Sci

Jan 1952 GTS

A 2000

The Oxygen Low Shaft Furnace and Its Operation,
by H. Erna,

GERMAN, Ger, Stahl Und Eisen, Vol LXXIV,
No 25, 1954, pp 1644-1648/ CIA D 151330

Butcher Tr No 3420
8.20

Scientific - Min/Metals May 55 CTS

23,621

Infection of Vaccinated Domestic Animals by Ticks,
by G. Sanchez, E. Ervek.
Circul, par. Malaysia Press, Kuala Lumpur, Vol 8, 1962
SP 79-61
CIRCU/1. 6783

E. ERVEK.

Sci -
July 1967

333,991