

The Influence of Nickel on the Impact-Resistance
of Austenitic Manganese Steel, by V. T. Biryulin,
V. D. Sadovskiy.

RUSSIAN, per, Trudy Inst Fiz Metallov, No 18,
1956, pp 66-71.

BISI 2018

Sci - Min/Met
Jun 61

156, 046

Influence du calmage a l'aluminium sur la fragilite
de revenu des aciers de construction allies, by
E. N. Sokolkov, G. V. Gaydukoy, & V. D.
Sadovskiy.

reference
RUSSIAN, per, Trudy Inst Fiz Metal, No 10, 1956,
pp 30-35.

IRSID 1328

Sci

Nov 61

The Effect of Small Additions of Titanium,
Molybdenum and Tungsten on the Mechanical
Properties of Iron-Chromium-Nickel Alloys, by
E. S. Yakovleva.

RUSSIAN, per, Trudy Inst Fiz Metallov, Ural'skii
Fil Ak Nauk SSSR, No 19, 1958, pp 58-84.

MLL M. 3152

Sci - Min/Metals

189,829

Apr 62

(NY-3904/1).

Effect of Small Admixtures of Alloying Elements
on the Relaxation of Stresses in Iron-Chromium-
Nickel Alloys, by G. N. Kolesnikov, A. I.
Moiseyev, M. V. Yakutovich, 6 pp.

RUSSIAN, per, Trudy Instituta Fiziki Metallov,
No 19, 1958, pp 95-100.

JPRS-1947-N

Sci - Min/Met
Oct 59

99, 440

T/C

Russian, per, Trudy Inst Fiz Metallov, Ak Nauk SSSR,
No 20, 1958.

CIA/FDD XX-946

Sci -
Feb 61

Results and Outlook of Scientific Activities of
the Institute of the Physics of Metals, by N. N.
Mikheyev, 11 pp.

RUSSIAN, per, Trudy Inst Fiz Metal, Ak Nauk SSSR,
Ural Filial, No 20, 1958, pp 5-11.

AEC Tr-4061

Sci - Phys
19 Jan 61

137,327

<p>Shur, Ya. S. THE MAGNETIC STRUCTURE OF HIGHLY-COERCIVE FERROMAGNETIC MATERIALS (O Magnitoy Struktura Vysokokoertsitivnykh Ferromagnitkov) tr. by E. G. Peters. [1960] 20p. (10 figs. omitted) 23 refs. M1900. Order from LC or SLA ml\$2.40, ph\$3.30 61-13295</p> <p>Trans. of Akademiya Nauk SSSR, Institut Fiziki Metallov (Sverdlovsk), Trudy, 1958, no. 20, p. 111-124.</p> <p>A literature survey is presented that gives the results of several years of work performed at the Magnetic Materials Laboratory of the Institute of Metal Physics of the Urals Branch of the Academy of Sciences. (See also 61-13296)</p> <p>(Physics--Magnetism, TT, v. 5, no. 10)</p>	<p>61-13295</p> <p>I. Ferromagnetic materials-- Magnetic properties I. Shur, Ya. S. II. DSIR LLU M.1900</p> <p>160961</p> <p>Office of Technical Services</p>
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Inspection of Structure and Mechanical Properties
of Steel Products by Magnetic Analysis, by M. N.
Mikheyev, 9 pp.

RUSSIAN, per, Trudy Inst Fiz Metal' Ak Nauk SSSR,
Ural Filial, No 20, 1958, pp 153-168.

AEC Tr-4080

Sci - Phys
Aug 60

124,028

Yakovleva, E. S.
MICROSCOPIC STUDY OF THE MECHANISM OF
PLASTIC DEFORMATION OF METALS AND ALLOYS,
tr. by D. C. Rich. 7 June 61 [15]p. 26 refs. ARGMA
trans. nr. 34-61.
Order from OTS or SLA \$1.60

61-27027

Trans. of Akademiya Nauk SSSR. Institut Fiziki
Metallov [Sverdlovsk]. Trudy, 1958, no. 20, p. 265-272.

DESCRIPTORS: *Metals, *Alloys, *Plasticity, Deforma-
tion, Electron microscopes.

A literature survey.

(Metallurgy--Structural, TT, v. 6, no. 7)

61-27027

I. Yakovleva, E. S.
II. ARGMA Trans-34-61
III. Army Rocket and Guided
Missile Agency, Redstone
Arsenal, Ala.

181340

Office of Technical Services

Effect of High Pressure on Some Physical Properties
of Solids, by K. P. Rodionov, 12 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Ural'skii Filial
Institut Fiziki Metallov No 20, 1958,
pp 273-282. 7078700

AEC Tr-4377

Sci - Phys
Apr 61

149,072

Kompaneitsev, N. A. and Sadovskii, V. D.
IMPROVING THE STRUCTURE AND FRACTURE OF
CASE ALLOY STEELS BY HEAT TREATMENT.

[1962] 10p.

Order from ATS \$13.50

ATS-07P62R

Trans. of Akad[emiya] Nauk SSSR, Inst[itut] Fiz[iki]

Metall[ov, Sverdlovsk]. Trudy, 1958, no. 20,

p. 329-338.

Another trans. is available from OTS \$5.50 in
AEC-tr-4513, Feb 62, 479p.

DESCRIPTORS: Heat treatment, Structural properties,
Fracture (Mechanics), Alloys, *Steel.

(Metallurgy--Ferrous Metals, TT, v. 9, no. 11)

62-34233

I. Kompaneitsev, N. A.

II. Sadovskii, V. D.

III. ATS-07P62R

IV. Associated Technical

Services, Inc.,

East Orange, N. J.

ATS RT-4126

Office of Technical Services

Transactions of the Institute of the Physics of Metals,

RUSSIAN, per, Trudy Inst Fiz Metal Ak Nauk SSSR, Ural
Fil, No 20, 1958, pp 1-404. 9066835

AEC Tr-4513

May 62
List 65

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RUSSIAN, per, Trudy Inst Fiz Metallov, Ak Nauk SSSR,
No 21, 1959.

CIA/FDD XX-94⁷~~8~~

Sci -
Feb 61

Magnetic Methods of Flaw Detection (Nondestructive Testing), & Analysis and Measurements, by R. I. Yonus, N. M. Rodigian, 405 pp.

RUSSIAN, bk, Trudy Instituta Fiziki Metalloy, Akademiya Nauk SSSR, Ural'skii Filial, No 21, 1959, 358 pp.

AEC Tr-4512

Sci
Jun 61

155,955

The Influence of Nickel on the Impact-Resistance of
Austenitic Manganese Steel, by V. T. Biryulin,
V. D. Sadovskiy.

RUSSIAN, per, Trudy Inst Fiziki Metallov, No 18,
1960, pp 66-71.

BISI 2018

Mar 64

Optical Absorption in Semiconductors, by V. P. Shirokovskiy, 7 pp.

RUSSIAN, per; Trudy Inst Fiziki Metallov, No 22, 1959, pp 27-31.

CIA/FID XX-1158

NOT RELEASABLE TO FOREIGN NATIONALS

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198,451

May 62

USIB INTERNAL USE ONLY

Lasers (Chapters I Thru III), by
N. G. Basov, V. S. Zuyev, et al, 39 pp.
RUSSIAN, per, Trudy Inst Fiz
Molekulyarnyye Generatory, An SSSR,
Vol XXI, 1963, pp 176-199. 9696995
FTD-MT-64-330

Sci-Phys
Jun 65

282,217

S-404/260

(DC-3849).

On the Correlation of Seismic Scale, by G. P. Gorshkov, G. A. Shenkareva, 31 pp.

RUSSIAN, par, Trudy Inst Fiz Zemli, Ak Nauk SSSR.
No 1(168), 1958, pp 44-54.

JPRS 3311

Sci - Geophys
Jun 60

117,634

Shmeerson, B. L.
THE STUDY OF THE GRAVITY FIELD OF SIBERIA
(Issledovanie Gravitatsionogo Polya Sibiri)
Robert D. Hill, tr. Sep 63 [29p] 3 refs ACIC TC-688.
Order from OTS, SLA, or ETC \$2.60 TT-64-13364

Trans. of Akademiya Nauk SSSR, Institut Fiziki Zemli.
Trudy, 1959, no. 4[171] p. 8-21.

DESCRIPTORS: *Geophysics. *Gravity. Gravity anomalies, Measurement, Siberia.

(Earth Sciences--Geodesy, TT, v. 11, no. 9)

TT-64-13364

I. Shmeerson, B. L.
II. ACIC-TC-688
III. Aeronautical Chart and Information Center,
St. Louis, Mo.

Office of Technical Services

Approximate Recording Apparatus for Instrumental
Observations of Epicenter Zones of Strong Earth-
quakes.

RUSSIAN, per, Trudy AN SSSR., Inst Fiz Zemli.,
No 19(186), 1961, pp 5-11.

*CFSTI TT 70-50122

Sci/Ear Sci
Sept 70

Seismograph With Optical Recording of Strong and
Destructive Earthquakes, by D. P. Kirnos.
RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Fiz Zemli.,
No 19(186), 1961, pp 25-36.
*CFSTI TF 70-50123

Sci/Ear Sci
Sept 70

AEC (UCRL-Trans-10500) PHYSICS OF THE EARTH'S
CORE. Zharkov, V. N. Translated by V. N. Zharkov for
Univ. of California Lawrence Radiation Lab., Livermore, from
Tr. Inst. Fiz. Zemli, Akad. Nauk SSSR; No. 20, 3-50(1962).
119p. Dep. NTIS.

23

physics; translations 20

MN-34 P NSA

62-15318

I. Sheivekhman, B. E.

Sheivekhman, B. E.
SOUND DISCRIMINATION BY THE DEAFMUTE
CHILD PRACTICALLY DEPRIVED OF ALL HEAR-
ING (Analiz Zvuka Glukhonemym Rebenkom Prakti-
cheski Lishennym Slukha). [1961] 7p. 10 refs.
Order from OTS or SLA \$1.10 62-15318

Trans. of Akademiya Nauk SSSR. Fiziologicheskii
Institut. Trudy, 1949. v. 4, p. 113-116.

DESCRIPTORS: *Children, *Deafness, *Pitch discrimi-
nation, *Speech disorders, Hearing.

Deafmute children with practically no hearing pos-
sess the ability to analyze sound stimuli perceived
for the first time. This ability is demonstrated
clearly when, with the assistance of appropriate aids,
such children are exposed to speech stimuli within the
limits of their hearing range. (Abstract)
(Biological Sciences--Physiology, TT, v. 8, no. 2)

Office of Technical Services

V
(FDD 21537)

Study of the Higher Nervous Activity by the
Chain Stimuli Method, Fourth Report:
Modification of the Signal Role of Chain
Stimuli, by V. K. Urasuskiy, 14 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni
I. P. Pavlova, Voprosy Fiziologii i Patologii
Vyshey Nervnoy Deyatel'nosti, Moscow/Lenin-
grad, 1952, pp 43-49.

CIA/FDD/U-6412

18,200

USSR
Sci - Medicine

(FDD 21538)

Study of the Higher Nervous Activity by the Chain Stimuli Method, Fifth Report: Conditioned Responses to Chains of Stimuli With Regrouping of Components, by V. K. Krasuakiy, 23 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni I. P. Pavlova, Voprosy Fiziologii i Patologii Vyshey Nervnoy Deyatel'nosti, Moscow/Leningrad, 1952, pp 50-60.

CIA/FDD/U-6406

USSR

Sci - Medicine

18,421

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V
(FDD 21539)

Conditioned Motor Reflexes to Time in Apes,
by O. P. Bolotina, 17 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni
I. P. Pavlova, Voprosy Fiziologii i Patologii
Vyshey Nervnoy Deyatel'nosti, Moscow/Lenin-
grad, iz 1952, pp 196-204.

USSR
Sci - Medicine

CIA/FDD/U-6407

18,204

(FDD 21540)

Electric Reaction of the Auditory Area of the Cerebral Hemispheres During the Formation of a Conditioned Defense Reflex, by V. V. Artem'yev, ~~Исследования~~ N. I. Bezladnova, 18 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni I. P. Pavlova, Voprosy Fiziologii i Patologii Vyshey Nervnoy Deyatel'nosti, Moscow/Leningrad, 1952, pp 228-236.

CIA/FDD/U-6408

USSR
Sci - Medicine

18,206

(FDD 21541)

Electric Reaction of the Auditory Area of the
Cortex of the Hemispheres to a Sound Stimulus
During Inhibition, by V. V. Artem'yev, 11 pp.
External

RUSSIAN, bk, Trudy Instituta Fiziologii imeni
I. P. Pavlova Voprosy Fiziologii i Patologii
Vyshey Nernvoy Deyatel'nosti, Moscow/Leningrad,
1952, pp 237-242.

CIA/FDD/U-6409

18,203

USSR
Sci / Medicine

Experimental Study of Pharmacological
Agents in Sleep Therapy. Report I.
Sleep-Inducing Effect of Barbamyl,
Hedonal, Narcolan, Chloral Hydrate, Ethyl
Alcohol and the Combination of any Two
of These Drugs, by N. S. Sofronov.
RUSSIAN, per, Tr Inst Fiziol Pavlov,
Vol 1, 1952, pp 243-250.
NIH 3-52-65 (Loan)

Sci-Biol & Med Sci
May 65

(FDD 24265)

Soviet Research of Sleep Therapy, by N. S.
Sofronov, 97 pp.

RUSSIAN, bk, Trudy Instituta Fiziol imeni I. P.
Pavlova, No 1, Moscow/Leningrad, 1952, pp 243-258,
290-338, 345-355.

CIA/FDD/Tr 493

USSR

Sci - Med., hypnosis, sleep therapy

29, 974

(FDD 21543)

Conditioned Reflexes to the Relation of Stimuli
in Children of Early Age, by M. M. Kol'tsova,
11 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni
I. P. Pavlova Voprosy Fiziologii i Patologii
Vysshey Nervnoy ~~DEYATEL'NOSTI~~ Deyatel'nosti,
Moscow/Leningrad, 1952, pp 266-271.

CIA/FDD/U-6411

USSR
Sci - Medicine

18,202

(FDD 21542)

Effect of Low-Frequency Electromagnetic Field on
the Higher Nervous Activity, by F. P. Petrov, 14 pp.

RUSSIAN, bk, Trudy Instituta Fiziologii imeni
I. P. Pavlova, Voprosy Fiziologii i Patologii Vysshey
Nervnoy Deyatel'nosti, Moscow/Leningrad, 1952,
pp 369-375.

CIA/FDD/U-6410

USSR
Sci - Medicine

18,205

(211)-68-372-RULL

MIT/LIN LAB AVAILABLE NTC

(FDD 20466)

Selected Articles on Physiology and Pathology of
Digestion, 116 pp.

RUSSIAN, ¹⁹⁵⁴ Trudy Instituta Fiziol imeni I. P.
Pavlova, Vol III, Moscow/Leningrad, 1954, pp 5-16,
141-170, 193-208, 215-220.

CIA/FDD U-8582

58,094

WSSA

Sci - Medicine, physiology, pathology

(FDD 26467)

Selected Articles on Physiology and Pathology of the
Cardiovascular System, Respiration, and Blood, 134 pp.

RUSSIAN, ^{PLK} Trudy Instituta Fiziol imeni I. P. Pavlova,
Vol III, Moscow/Leningrad, 1954, pp 289-301, 303-322,
349-376, 412-418, 447-453.

CIA/FDD U-8699

38,924

USSR

Sci - Medicine, physiology, pathology

Aug 56 CTS/DEX

(FDB 26068)

Selected Articles on the Physiology and Pathology of
the Urinogenital System and Its Supportive Motor Ap-
paratus, by G. B. Kochorishvili, 251 47 pp.

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RUSSIAN, ~~Sci~~, Trudy Instituta Fiziol imeni I. P.
Davydova, Vol III, Moscow/Leningrad, 1954, pp 506-530.

CIA/FDB U-8742

38,928

FDBE

Sci - Medicine, physiology, pathology

09 56 CTS/DLI

(AN 26469)

Selected Articles on Physiology and Pathology of
the Endocrine System and Metabolism, by E. N.
Korotchkina, 101 pp.

RUSSIAN, ^{21P} Trudy Inst Fiziol imeni I. P. Pavlova,
Vol III, Moscow/Leningrad, 1954, pp 547-564, 576-599,
607-617.

CIA/FDD U-8749

38,929

USSR

Sci - Medicine, physiology, pathology

Problem of Reflex Regulation of Milk Ejection,
by G. A. Tsakhayev. UECL

RUSSIAN, per, Trudy Inst Fiz Iseni I. P. Pavlova,
Vol IV, 1955, pp 5-16.

1122
DSIR LLU RFS 1242

(30s. 04.) 102,510

Sci - ~~1032~~
Dec 59

Basal, Med, physiology

Study of the Reflex of Milk Ejection in Goats With
the Aid of Localized Cooling of the Spinal Cord,
by G. N. Pavlov. URCL

RUSSIAN, ger, Trudy Inst Fiz imeni I.P. Pavlova,
Vol IV, 1955, pp 17-21.

DBIR LLU RTS 1243

(12s. 6s.) 102,511
Sci - Signs Med, physiology
Dec 59

Regulation of the Tonus of the Walls
of the Udder Gistern and of the Intra-
Ventricular Pressure, by M. G. Zaka. UNCL

RUSSEAN, par. Trudy Inst Fiz Ispani V. P.
Pavlova, Vol. IV, 1955, pp 34-50.

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Sci - Phys
Feb 60

108, 353

Sensitivity of the Musculature of Ducts, Cistern
and the Teat Sphincter of a Cow's Udder to
Nervous Stimuli and Pituitrin, by G. B. Iverokoy.
UNCL

RUSSIAN, per, Trudy Inst Fiziol imeni I.P.
Pavlova, Vol IV, 1955, pp 51-57.

111
DSIR LIU RTS 1246

(158. 04.)
Sci - Med, Biol, physiology
Mar 60

111,078

Study of the Functioning of the Ejection
Mechanism in the Living Mammary Gland of a
White Mouse, by N. S. Levitskaya. URCL

RUSSIAN, per, ¹⁰⁸Trudy Inst Fiz ¹⁰⁸Lening I.P. Pavlova,
Vol IV, No 4, 1955, pp 58-62.

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DSIR LLU RTS 1247

(10s. 03.)

113,037

Sci - Biol
Apr 60

Effect of the Nervous System on Secretion and
Ejection of Milk in the White Mouse, by I. N.
Zotikova. UNCL

RUSSIAN, per, Trudy Inst Fisiol Imeni I.P. Pavlova,
Vol IV, 1955, pp 63-67.

OTS 60-23800
DSIR LIU RFB 1248

(128. 68.)

Sci - Biol
Apr 60

113,038

The Role of Pressure Fluctuations in the Cavity
System of the Udder in the Stimulation of Milk
Secretion, by G. B. Tverskoy.

RUSSIAN, per, Trudy Inst. Fiz. imeni I. P. Pavlova,
Vol IV, 1955, pp 68-74.

DSIR LLU WTS 1249

Sci - Biol

Aug 60

122,521

The Rate of Milk Secretion, by G. B. Tverskoy,
Kh. Dyusembin.

RUSSIAN, per, Trudy Instituta Fiziolog imeni
I. P. Pavlova, Vol IV, 1955, pp 75-80.

DSIR LLU RTS 1250

Sci - Biol

Sep 60

125, 550

On the Excitation of Atoms of Alkali
Metals, by V. Opykhtin, L. Vainshtein,
L. Presnyakov.
RUSSIAN, per, Akademiya Nauk SSSR.
Institut Fizologii. Trudy, Rept. nA-53,
1964.
SLA N66-10450

331, 519

Sci - Physics
Jul 67

Distribution of Fat and Casein in Consecutive
Portions of Milk During a Single Milking of Cows,
by V. N. Borsuk, M. G. Zaks.

RUSSIAN, per, Trudy Instituta Fiziolog imeni
I. P. Pavlova, Vol IV, 1955, pp 81-92.

DSIR LLU RTS 1251

Sci - Chem

Oct 60

130,718

62-17510

Marchuk, P. M.
OBSERVATIONS ON THE WORKING OF A DIODE
WITH A TUNGSTEN CATHODE IN VAPORS OF
CESIUM AT LOW PRESSURE. [1962] 20p.
Order from K-H \$25.00 K-H 10115

Trans. of [Akademiya Nauk SRSR, Kiev. Instytut
Fizyky. Trudy, 1956, v. 7, p. 3-16].
Another trans. is available from LC and SLA
mi\$2.40, ph\$3.30 as 60-18883 [1960] 13p.

DESCRIPTORS: *Diodes, *Cathodes (Electron tubes)
Filaments, *Cesium, Vapors, *Tungsten, Electron
tubes, *Magnetic fields.

For abstract see Technical Translation 5: 75, 1961.

(Engineering--Electronic, TT, v. 8, no. 5)

I. Marchuk, P. M.
H. K-H-10115
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Borauk, V. N. and Zaks, M. G.
CHARACTERISTICS OF THE PRODUCTION OF
BUTTERFAT IN COWS GIVING MILK OF DIFFER-
ENT BUTTERFAT CONTENT (Osobennosti Produktii
Molochnogo Zhira u Korov s Razlichnym Urovnem
Zhirnomolochnosti). Jan 61 [14]p. 8 refs. RTS 1252.
Order from LC or SLA ml\$2.40, ph\$3.30 61-15646

Trans. of [Akademiya Nauk SSSR]. Insting Fiziologii.
Trudy, 1955, v. 4, p. 93-102.

(Agriculture--Animal Husbandry, TT, v. 5, no. 8)

61-15646

1. Milk fat--Physiological factors
2. Milk--Secretion
- I. Borauk, V. N.
- II. Zaks, M. G.
- III. RTS-1252
- IV. Department of Scientific and Industrial Research (Ox. Brit.)

151684

Office of Technical Services

61-15218

Suleymanova, D. N.
EFFECT OF THE THYROID GLAND ON LACTA-
TION (Vliyaniye Shchitovidnoy Zhelezy na Laktatsiyu).
Nov 60 (9)p. 2 refs. RTS 1253.
Order from LC or SLA mi\$1.80, ph\$1.80 61-15218

Trans. of [Akademiya Nauk SSSR]. Institut Fiziologii.
Trudy, 1955, v. 4, p. 103-108.

148,729

1. Thyroid hormones--
Physiological effects
 2. Milk--Secretion
- I. Suleymanova, D. N.
 - II. RTS-1253
 - III. Department of Scientific
and Industrial Research
(Gt. Brit.)

Office of Technical Services

(Agriculture--Animal Husbandry, TT, v. 5, no. 7)

61-15244

Kokorina, Ye. P.

STUDY OF THE EFFECT OF THE HORMONE OF
THE THYROID GLAND ON PHYSICAL AND CHEMI-
CAL PROPERTIES OF BUTTERFAT. PART I.EFFECT OF EXPERIMENTAL HYPER- AND HYPO-
THYROIDISM ON THE SYNTHESIS OF BUTTERFAT
(K Analizu Vliyaniya Gormona Shchitovidnoy Zhelezzy
na Fiziko-Khimicheskiye Svoystva Molochnogo Zhira.
Soobshcheniye I. Vliyanie Eksperimental'nogo Gip-
i Gipotireoza na Proteosy Smeza Molochnogo Zhira).
Dec 60 [19]p. 9 refs. RTS 1254.

Order from LC or SLA ml\$2.40, ph\$3.30 61-15244

Trans. of [Akademiya Nauk SSSR]...Institut Fiziologii.
Trudy, 1955, v. 4, p. 109-122.

1. Thyroid hormones--
Biochemical effects
2. Milk fat--Physiological
factors
- I. Kokorina, Ye. P.
- II. Title: Effect...
- III. RTS-1254
- IV. Department of Scientific
and Industrial Research
(Gr. Brit.)

148,734

Office of Technical Services

(Food, TT, v. 5, no. 7)

61-15739

Kokorina, Ye. P.
STUDY OF THE EFFECT OF THE HORMONE OF
THE THYROID GLAND ON PHYSICAL AND CHEMI-
CAL PROPERTIES OF BUTTER-FAT. PART II.
EFFECT OF AIR TEMPERATURE AND PHYSICAL
STRESS ON PHYSICAL AND CHEMICAL PROPER-
TIES OF BUTTER-FAT (K Analizu Vliyaniya
Hormona Shehitovidnoy Zhelezy na Fiziko-
khimicheskiye Svoystva Molochnogo Zhira. Soobsh-
cheniye II. Vliyaniye Temperatury Vozdukha i
Fizicheskoy Nagruzki na Fiziko-khimicheskiye
Svoystva Molochnogo Zhira). Jan 61, 15p. 13 refs.
RTS 1255.

Order from LC or SLA mi\$2.40, ph\$3.30 61-15739

Trans. of [Akademiya Nauk SSSR], Institut Fiziologii
Trudy, 1955, v. 4, p. 123-131.

(Food, TT, v. 5, no. 7)

1. Milk fats--Physical factors
2. Thyroid hormones--Biochemical effects
1. Kokorina, Ye. P.
- II. RTS-1255
- III. Department of Scientific and Industrial Research (Gt. Brit.)

148,770

Office of Technical Services

61-15647

Pavlov, G. N.
ON THE METHOD OF STUDYING THE NERVOUS
REGULATION OF LACTATION (K Metodike
Izucheniya Nervnoy Regulyatsii Laktatsii). Jan 61
[Slip. RTS 1256.
Order from LC or SLA m\$1.80, ph\$1.80 61-15647

Trans. of [Akademiya Nauk SSSR] Institut Fiziologii
Trudy, 1955, v. 4, p. 132-135.

151665

(Biological Sciences--Physiology, TT, v. 5, no. 8)

1. Nervous system--
Physiology
2. Milk--Secretion
3. Mammary glands--
Physiology

- I. . vlov, G. N.
- II. RTS-1256
- III. Department of Scientific
and Industrial Research
(Gr. Brit.)

Office of Technical Services

Anatomical and Histological Study of the Innervation
of the Udder in the Goat and Cow, by A. P. Elisseyev,
G. N. Pavlov.

RUSSIAN, per, Trudy Inst Fiz imeni I. P. Pavlova,
Vol IV, 1955, pp 136-144.

NLL RTS 1257

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DESCRIPTORS: *Blood circulation, *Metabolism,
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DESCRIPTORS: *Metabolism, *Phosphorus compounds,
*Brain, Cerebral cortex, Nerves, Cells (Biology).

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rats a drop was observed in content and in the specific
activity of macroergic compounds in proportion to
distance from the surface of the brain. The layers
of the cerebral cortex and the cortex of the cerebellum
which are composed to a great extent of nerve cells
structurally, differ from other layers with respect to
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DESCRIPTOR: Energy, Metabolism, Brain, *Tissues
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chemical components of brain tissue was-determined-
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glucose residues of glycogen, the phosphate groups of
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