

The Effect of Caffeine and Bromide on the Process
of Conditioned Reflex Generalization in Ruppies,
by M. P. Klyavina.

RUSSIAN, per, Zhurnal Vysshey Nervnoy Deyatel'nosti,
Vol X, No 2, 1960, pp 274-279.

NIH 6-68-63
(Loan Only)

Sci

Aug 63

62-20308

Voronin, L. G.
COMPARATIVE-PHYSIOLOGICAL DATA ON THE
FUNCTION OF THE RETICULAR FORMATION. [1962]
116p. 19 refs.
Order from OTS or SLA \$1.60 62-20308

I. Voronin, L. G.

Trans. of Zhurnal Vyshej Nervnoj Deyatel'nosti
(USSR) 1961, v. 11, no. 5, p. 795-805.

DESCRIPTORS: *Brain, Animals, *Evolution, Nervous
systems, Cerebral cortex, *Neuromuscular transmis-
sion, *Thalamus.

Reticular formation in a number of vertebrates exerts
a generalized influence on the higher divisions of the
brain. This indiscriminate activation of other divisions
of the brain differs in degree of intensity as between
lower levels (fish, amphibians, reptiles) and higher
vertebrates. The interaction of the R.F. with other
divisions of the brain in a number of vertebrates
(Biological Sciences--Zoology, TT, v. 9, no. 9) (over)

Office of Technical Services

Sarkisov, S. A. and Preobrazhenskaya, N. S.
INDIVIDUAL VARIABILITY OF THE STRUCTURAL
CHARACTERISTICS OF THE HUMAN BRAIN. [1962]
[12]p. 19 refs.
Order from OTS or SLA \$1.60 62-20314

Trans. of #Zhurnal Vysshel Nervnoi Deyatel'nosti
(USSR) 1961, v. 11, no. 5, p. 806-813.

DESCRIPTORS: Analysis of variance, *Anatomy,
Physiology, *Brain, Man.

(Biological Sciences--Neurology, TT, v. 9, no. 11)

62-20314

I. Sarkisov, S. A.
II. Preobrazhenskaya, N. S.

Office of Technical Services

Synthesis of 2, 4, 6-Trialkyl and 2, 4, 6-Triaryl-
1, 3, 5-Triazines From Imino Esters, by
A. Y. Yakubovich, E. L. Zaitsev, Et al.

RUSSIAN, per, Zhur Vses Khim Obshch inani D. I.
Mandeleeva, Vol VII, 1962, pp 229-230.

AFC/SCL-T-442

Sci - Chem

Apr 63

226,779

The Journal of Highest Nervous Activity (Selected
Articles). 69 pp.

RUSSIAN, per, Zhurnal Vysshey Nervnoy Deyatel'nosti
Vol 12, No 1, 1962, pp 7-36, pp 128-134.

P100030766-V

FTD-MT-65-308

Sci/BGM

Sep 66

309,443

Volkova, A. A.

NERVOUS REGULATION OF THE BROMINE LEVEL OF THE BLOOD AT VARIOUS STAGES OF RHEUMATISM IN CHILDREN. [1962] [23]p. 23 refs. FASEB manuscript no. S 21-2.

Order from OTS or SLA \$2.60

63-15424

Trans. of #Zhurnal Vysshei Nervnoi Deyatel'nosti (USSR) 1962, v. 12, no. 1, p. 74-81.

DESCRIPTORS: *Drugs, *Bromides, *Rheumatic fever, Nervous system, Blood chemistry, Dosage, *Children.

Simultaneous investigation of the bromine level of the blood and the nature of cortical-subcortical relations in rheumatic children reveals that bromine salts play a definite part in mobilizing their defense mechanisms. The bromine content of the blood is regulated by the level of cortical-subcortical relations and changes with (Biological Sciences--Pharmacology, TT, v. 9, no. 10)
(over)

63-15424

I. Volkova, A. A.

II. FASEB 5-21-2

III. Federation of American Societies for Experimental Biology, Washington, D.C.

IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Reticular Formation and Visceral Reflexes, by
Tolmasskaya.

RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel imeni
I. P. Pavlova, Vol XII, No 1, 1962, pp ~~XXXXXX~~ 161-168.

*PASEB →

~~Call Mr. Bremer on any inquiries~~

OTD 13-15725

Sci
5 Oct 62

(DC-6933)

CHANGES IN THE BIOPOTENTIALS OF THE HUMAN BRAIN
IN CONNECTION WITH PHYSICAL WORK, BY M. P. IVANOVA,
15 PP.

RUSSIAN, PER, ZHURNAL VYSSHEY NERV DEYATEL IMENI
I. P. PAVLOVA, VOL XII, NO 2, 1962, PP 202-207.

JPRS 14796

SCI - MEDICINE

AUG⁶²

206,367

(DC-6933)

THE AFTER-EFFECT OF SINGLY & AND REPEATEDLY
ACTING CENTRIPETAL ACCELERATIONS ON M THE
HIGHER NERVOUS ACTIVITY OF ANIMALS, BY
A. S. BARER, 14 PP.

RUSSIAN, PER, ~~ZHUR VYSSHEY NERV DEYATEL IMENI~~
I. P. PAVLOVA, VOL XII, NO 2, 1962, PP 332-337.

JPRS 14796

SCI - MEDICINE

AUG 62

206,368

(NY-1873)

Questions in Higher Nervous ~~XX~~ Activity at the
First National Conference on Experimental Medicine
in Bulgaria, by Kh. M. Markov, 5 pp.

RUSSIAN, per, Zhur Vysshey Nervnoy Devatel'nosti imeni
I. P. Pavlova, Vol XII, No 2, 1962, pp ~~38~~ 358-360.

JPRS 15279

Sci - Med

212, 712

Oct 62

On the Techniques of Recording
Electroencephalograms, in the New Born, by
A. N. Shepoval'nikov, 4 pp.

RUSSIAN, per, Zhurnal Vysshey Nerynoy
Deyatel'nosti imeni I. P. Pavlova, Vol XII,
No 3, 1962, pp 563-566.

JPRS 16563

Sci - Med

Dec 62

ON THE PROBLEM OF THE MECHANISM OF VOLUNTARY
MOVEMENTS, BY L. G. VORONIN, 11 PP.

RUSSIAN, PER, ZHURNAL VYSSHEY NERVNOY
DEYATEL'NOSTI, VOL XII, NO 4, 1962, PP 569-577.

JPRS 16564

SCI - MED

DEC 62

217,306

REMOTE CONSEQUENCES OF CHANGES IN REACTIVITY OF
THE CORTEX OF THE CEREBRAL HEMISPHERES OF
MONKEYS SUBJECTED TO THE ACTION OF IONIZING
RADIATION, BY SH. L. DZHALAGONIYA, 11 PP.

RUSSIAN, PER, ZHURNAL VYSSHEY NERVNOY
DEYATEL'NOSTI IMENI L. P. PAVLOVA, VOL XII,
NO 4, 1962, PP 623-629.

JPRS 16629

SCI - MED, BIOL
DEC 62

218,311

MORPHOLOGICAL DATA ON THE STATE OF TISSUE
STRUCTURAL ELEMENTS OF ~~XX~~THE BRAIN AFTER IM-
PLANTING ELECTRODES, BY M. M. ALEKSANDROVSKAYA,
6 PP.

RUSSIAN, PER, ZHUR VYSSHEY NERVNOY DEYATEL'NOSTI,
VOL XII, NO 4, 1962, PP 727-732.

JPRS 16564

SCI - MED

DEC 62

217,307

ELECTRONIC DIFFERENTIATOR, BY A. S. SHAROV, M. A.
ALEKSEYEV, ET AL, 10 PP.

RUSSIAN, PER, ZHURNAL VYSSHEY NERVNOY
DEYATEL'NOSTI IMENI L. P. PAVLOVA, VOL XII,
NO 4, 1962, PP 762-768.

JPRS 16629

SCI - ELECTRONICS
DEC 62

218,312

Rhythmical Components of the Electroencephalogram of Suckling Children, by A. N. Shepovainikova.

RUSSIAN, per, Zhurnal Vysshei Nervoi Diateleziologii, Vol XII, No 5, pp 797-807, 1962.
NII 8-9-64

Sci
Biol & Med Sci

AN AUTOMATIC PROGRAMMING DEVICE FOR
INVESTIGATING MOTOR DEFENSIVE CONDITIONED
REFLEXES, BY D. M. BELOV, S. S. KRYLOV,
ET AL, 11 PP.

RUSSIAN, PER, ZHUR VYSSHEY NERVNOY
DEYATEL'NOSTI, VOL XII, NO 5, 1962,
PP 969-974.

JPRS 16994

SCI - MED

JAN 63

219,066

NATURAL SCIENTIFIC AND PHILOSOPHICAL PROBLEMS
OF THE PRESENT STATE OF SCIENCE OF THE BRAIN,
BY F. A. SARKISOV, 19 PP.

RUSSIAN, PER, ZHURNAL VYSSHEY NERVNOY
DEKRYATEL'NOSTI IMENI I. P. PAVLOVA, VOL XII,
NO 6, 1962, PP 985-1000.

JPRS 18315

SCI - BIOL & MED
APR 63

225,654

INTERACTION OF ANALYSORS DURING FLIGHT ON BOARD
AIRCRAFT AND SPACE VEHICLES, BY V. V. BARANOVSKIY,
M. D. YEMEL'YANOV, 11 PP.

RUSSIAN, PER, ZHURNAL VYSSHEY NERVNOY DEYATEL'-
NOSTI IMENI I. P. PAVLOVA, VOL XII, NO 6,
1962, PP 1,001-1,010.

JPRS 18315

SCI - AEROSPACE
APR 63

225,655

ELECTROPHYSIOLOGICAL STUDY OF THE ACTIVITY OF
CUTANEOUS AND MOTOR ANALYZERS UNDER CONDITIONS
OF ACCELERATION EFFECTS, BY E. V. MARUKHANYAN,
P. I. ISAKOV, ET AL, 12 PP.

RUSSIAN, PER, ZHURNAL VYSSHEY NERVNOY DEKYATEL'
NOSTI IMENI I. P. PAVLOVA, VOL XII, NO 6, 1962,
PP 1001-1010, 1021-1028, 1055-1064.

JPRS 17586

SCI - PHYS

FEB 63

223,492

THE INTERACTION OF THE ANALYZERS UNDER FLIGHT
CONDITIONS ON AIRPLANES AND SPACESHIPS, BY
V. V. BARANOVSKIY, M. D. YEMEL'YANOV, ET AL,
12 PP.

RUSSIAN, PER, ZHURNAL ⁹ VYSSHEY NERVNOY DEYATEL'NOSTI
IMENI I. P. PAVLOVA, VOL XII, NO 6, 1962,
PP 1001-1010, 1021-1028, 1055-1064.

JPRS 17A586

SCI - SP RESEARCH, MED

FEB 63

223,491

MOBILITY OF NERVOUS PROCESSES IN DOGS OF DIFFERENT
AGES IRRADIATED ANTENATALLY WITH IONIZING RADIATION,
BY M. G. AYRAPETYANTS, 13 PP.

RUSSIAN, PER, ZHURNAL VYSSHEY NERVNOY DEYATEL'
NOSTI IMENI I. P. PAVLOVA, VOL XII, NO 6, 1962,
PP 1001-1010, 1021-1028, 1055-1064.

JPRS 17586

SCI - MED

FEB 63

223, 493

FOURTH GAGRY CONFERENCE, BY O. S. ADRIANOV,
M. YA. RABINOVICH, 7 PP.

RUSSIAN, PER, ZHURNAL VYSSHEY NERVNOY
DEYATEL'NOSTI IMENI I. P. PAVLOVA, VOL XII,
NO 6, 1962, PP 1,085-1088.

JPRS 18315

SCI - BIOL & MED
APR 63

225,656

PHILOSOPHICAL PROBLEMS IN PHYSIOLOGY OF HIGHER
NERVOUS ACTIVITY AND PSYCHOLOGY, BY O. A.
KRYLOV, V. I. CHUMAK, 15 PP.

RUSSIAN, PER, ZHURNAL VYSSHEY NERVENNOY
DEYATEL'NOSTI IMENI I. P. PAVLOVA, VOL XII,
NO 6, 1962, PP 1089-1096.

JPRS 18315

SCI - BIOL & MED
APR 63

225,653

Features of the Natural Sleep of Premature Children
in the Early Period of Postnatal Life, According to
the Data of Electroencephalographic Investigation,
by R. I. Polikanina, 15 pp.
RUSSIAN, per, Zhur Vyshey Nervnoy Deyatel'nosti
imeni I. P. Pavlova, Vol XIII, No 1, 1963,
pp 62-72.
NIH 5-29-64

Sci - Biol & Med
Jul 64

262,215

Dovedova, E. L.
COMPARATIVE BIOCHEMICAL DATA ON OXIDATIVE
METABOLISM IN VISUAL AND MOTOR ANALYSES.
Nov, Dec 63, 5p 34refs
Order from PASEB \$2.00 in Federation Proceedings
Translation Supplement, v. 22, no. 6, (x. II),
p. T1115-T1119

Trans. of Zhurnal Vysshei Nervnoi Aktivnosti
(USSR) 1963 [v. 13] no. 1, p. 112-120.

DESCRIPTORS: *Metabolism, *Oxygen consumption,
*Analyzers (Psychology), Motor reactions, Vision,
*Oxidoreductases, Neuromuscular transmission.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-63-17973-6
(p. T1115-T1119)

- I. Dovedova, E. L.
- II. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

Office of Technical Services

Voronin, L. G. and Gusel'nikov, V. L.
PHYLOGENESIS OF INTERNAL MECHANISMS OF
ANALYSIS AND INTEGRATION IN THE BRAIN.
Jan/Feb 64, 8p 33refs
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 1
(p. T105-T112)

Trans. of #Zhurnal Vysshei Nervnoi Deyatel'nosti
(USSR) 1963, v. 13, no. 2, p. 193ff.

DESCRIPTORS: *Evolution, *Brain, Nerve cells,
Neuromuscular transmission, Conditioned reflex,
Reasoning.

(Biological Sciences--Neurology, TT, v. 11, no. 10)

TT-64-12541-1 (p. T105-T112)

- I. Voronin, L. G.
- II. Gusel'nikov, V. L.
- III. Federation of American
Societies for Experimental Biology,
Washington, D. C.

Office of Technical Services

Vinogradova, O. S. and Lindsley, D. F.
EXTINCTION OF REACTIONS TO SENSORY STIMULI
IN SINGLE NEURONS OF VISUAL CORTEX IN UN-
ANESTHETIZED RABBITS. Mar/Apr 64, 6p 27refs
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 2 (p. T241-
T246)

Trans. of #Zhurnal Vysshei Nervnoi Deyatel'nosti
(USSR) 1963, v. 13, no. 2, p. 207ff.

DESCRIPTORS: *Sensory mechanisms, Stimulation,
Reaction (Psychology), *Vision, Cerebral cortex,
Rabbits, *Nerve cells

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T241-T246)

- I. Vinogradova, O. S.
- II. Lindsley, D. F.
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.

Office of Technical Services

Current Views of the Reticular Formation and the
Centrencephalic System, by D. Mateyev, 14 pp.
RUSSIAN, per, Zhur Vysshev Nervnoy Deyatel'nosti, Vol XIII,
No 2, 1963, pp 243-254.

JPRS 23286

Sci-Med
Feb 64

250,279

Komonenko, V. S.
**CHOLINESTERASE ACTIVITY OF CORTICAL
POINTS IN THE CEREBRAL HEMISPHERES DURING
UNILATERAL CONDITIONED REFLEXES.**
Presented at the Congress of the Ukrainian Physio-
logical Society (no. 6). [1963] [12p] 8refs FASEB
manuscript no. S 418-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13397

Trans. of #Zhurnal Vysshei Nervnoi Deyatel'nosti
(USSR) 1963, v. 13, no. 2, p. 280-285.

DESCRIPTORS: *Cholinesterase, *Cerebral cortex,
Brain, Tissue extracts, Enzymes, *Conditioned
reflex, Reflexes.

(Biological Sciences--Physiology, TT, v. 11, no. 9)

TT-64-13397

- I. Komonenko, V. S.
- II. Title: Congress...
- III. FASEB-S-418-3
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

The Nature of the Effect of Noradrenalin on Conditioned-
Reflex Activity When Injected Directly Into the Brain, by
L. V. Kalyuzhnyy, 9 pp.
RUSSIAN, per, Zhur Vysshev Nervnoy Deyatel'nosti,
Vol XIII, No 2, 1963, pp 309-315.

JPRS 23286

Sci-Med
Feb 64

250,280

CHANGES IN THE SPONTANEOUS BIOELECTRIC ACTIVITY
OF THE BRAIN DURING SERUM SENSITIZATION, BY KH M
MARKOV, 12 PP.

RUSSIAN, PER, ZHUR VYSSHEY NERVNOY DEYATEL IMENI
I. P. PAVLOVA, VOL XIII, NO 2, 1963, PP 316-325

JPRS 20150

SCI - MED

JUL 63

235,539

Al'tman, Ya. A. and Iontov, A. S.
CONNECTIONS BETWEEN ZONES A I AND A IV OF
THE AUDITORY CORTEX, Jan/Feb 64, Sp 16refn
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 1
(p. T96-T100)

Trans. of Zhurnal Vysshel' Nervnoi Deyatel'nosti
(USSR) 1963, v. 13, no. 2, p. 330H.

DESCRIPTORS: Neuromuscular transmission, *Cerebral
cortex, Hearing, *Auditory nerve, *Nerve cells.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-1 (p. T96-T100)

I. Al'tman, Ya. A.
II. Iontov, A. S.
III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

Office of Technical Services

Conditioned Reflexes to Photic Stimuli in Baboons
after Removal of Occipital Lobes at Various
Ages, by L. V. Koroleva, 5 p.

RUSSIAN, per, Zhurnal Vysshei Nervnoi Deyatel'-
nosti, Vol XIII, No 3, 1963, 482 ff.

FASEB Fed Proc Tr Suppl, 1964, Vol 23, No 5,
pt 2, (p. T1117-T1121)

Sci-B&M
Jul 66

307,255

Manifestations of Internal Inhibition in Autonomic Reactions in Decorticate Cats, by V. A. Sosenkov, 5 p.

RUSSIAN, per, Zhurnal Vysshei Nervnoi Deyatel'nosti USSR, Vol XIII, No 3, 1963, pp 543 ff.

FASEB Fed Proc Tr Suppl , 1964, Vol 23, No 5, pt 2, (p. T1080-T1084)

Sci-B&M
Jul 66

307,259

Stress and Fatigue Under Conditions of Isolation
From External Stimuli, by F. D. Gorbov,
V. I. Myasnikov, 10 pp.

RUSSIAN, per, Zhur Vyssh Nervn Devatel,
Vol XIII, No 4, 1963, pp 585-592.

JPRS 249X61

FTD-IT-63-1015 (9491966)

Sci - Med
Jun 64

260,754

Special Features in the Intereffect of the Signal
Systems under the Influence of Chinese Magnoliaceae,
by V. V. Lastovetskiy, 10 pp.
RUSSIAN, per, Zh Vyssh Nerv Deiat Pavlov, Vol 13,
1963, pp 604-609.
NMS/1403

395,996

Sci/B&I

Changes in the Stereotype of Conditioned Respiratory
Reflexes and Respiratory Responses to CO_2 Under the
Influence of Chlorpromazine, by Yu. N. Ivanov,
Ye. I. Semeyko, 13 pp.
RUSSIAN, per, Zhur Vysschey Nervnoi Deyatelnosti,
Vol XIII, No 4, 1963, pp 680-685. 9692027
FTD-TT-64-69

Sci - Biol & Med Sci
Apr 64

253,425

Third Volga Conference of Physiologists Biochemists
and Pharmacologists, by G. N. Smetankin, 5 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel, Vol XIII,
No 6, Nov-Dec 1963, pp 1, 108, 110.
JPRS #23841

Sci - Biol & Med
Mar 64

253, 111

Change in Higher Nervous Activity and Some Vegetative Reactions During Prolonged Exposure to Conditions of Relative Adynamia and Isolation, by N. A. Agadzhanyan, Yu. P. Bizin, et al, 15 pp. RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel, Vol XIII, No 6, 1963, pp 953-961.
JPRS 23833

Sci - Med
Mar 64

253, 055

Conditioned Inhibition in Dogs With a Unilaterally
Removed Thalamus, by L. N. Gavrilova, 10 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel, Vol XIII,
No 6, 1963, pp 1039-1045.
JPRS 23833

Sci - Med
Mar 64

253, 056

Cortical Electrical Activity After Total
Extirpation of the Cerebellum in Cats, by
R.A.Grigor'yan.

RUSSIAN, per Zhur Vyysshei Nerv Dey, 1963,
Vol.13, No.6, pp.1059-1071.

/OTS-TT-64-19710

B/M
Aug 66

308,681

The Effect of 5-Hydroxytryptophane (Serotonin
Precursor) on Food Conditioned Reflexes in
Rabbits, by M. L. Voronina, N.A. Tushmalova.

9 pp.

RUSSIAN, per, Zhurnal Vysshey Nervnoy Deyatel'-
nosti, Vol 13, No 6, 1963, pp 1071-1076.

AIR/FID/IR-23-1543-67

sci/b and m
feb 69

376,489

Changes in Motor Conditioned Food Reflexes in Pigeons
Following a Lesion of the Paleocortex, by
N. L. Krushinskaya, 14 pp.
RUSSIAN, per, Zhur Vyssh Nernvoy Deyatel, Vol XIII,
No 6, 1963, pp 1077-1086.
JPRS 23833

Sci - Med

Mar 64

253, 057

Third Volga Conference of Physiologists, Biochemists
and Pharmacologists, by G. N. Smetankin, 7 pp.
RUSSIAN, per, Zhur Vyssh Nerv Deyy. ~~Wokatel'nosti,~~
Vol XIII, No 6, 1963, pp 1108-1110. 9695823
FTD-TT-64-~~22~~385

Sci - Biol & Med Sci
Feb 615

274,111

On the Role of Parietal Area of the Cerebral
Cortex in Conditioned Motor Food Reflexes of
Apes (Papio Hamadryas Adult Male Baboons),

by N. I. Lagutina

RUSSIAN, per, Zh. Vyssh Nerv Deiat Pavlov,
Vol 14, No 5, 1964, pp 789-797.

HEW NIH

11-8-68

Sci-B&M

Feb 69

369,545

Problem of Producing Conditioned
Reflexes in Patients with Korsakov's
Syndrome (Psychosis),
by V. P. Linskii.
RUSSIAN, per, Zh Vyssh Nerv Deiat
Pavlov, Vol 4, No 6, 1964, pp 791-798.
NII 6-7-65

Sci/BQM
Jul 65

283,698

Cross-Correlations of Bioelectric Activity of Various
Areas of the Cerebral Cortex of Man in the State of
Relative Rest, by N. A. Gavrilova, A. S. Aslanov, et al,
9 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 1, 1964, pp 3-8.
JPRS 24249

Sci-Med
Apr 64

254,676

The Use of Correlation Analysis in the Investigation of
Electric Activity of the Cortex of Cerebral Hemispheres,
by N. N. Danilova, ~~10 pp.~~ 20 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 1, 1964, pp 9-22.
JPRS 24249

Sci-Med
Apr 64

254,677

Electroencephalographic Study of Human Brain Activity
in Trace and Delayed Conditioned Reflexes, by
Yu. G. Kratin, 13 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 1, 1964, pp 23-31.
JPRS 24249

Sci-Med
Apr 64

254,678

Changes in the Bioelectric Cortical Activity of the Human
Brain During the Elaboration of a Motor Conditioned
Reaction to Time, by I. S. Dobronravova, 10 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 1, 1964, pp 33-38.
JPRS 24249

Sci-Med
Apr 64

254,679

Effect of the Prolonged Action of High Temperature on
Simultaneous Complex Conditioned Reflexes in Dogs, by
L. M. Sidorova, 8 pp.

RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 1, 1964, pp 55-60.
JPRS 24249

Sci-Med
Apr 64

254,680

Effect of Radioactive Sodium-24 on the Higher Nervous
Activity of Dogs Following a Single Internal Administration,
by B. I. Shal'nev, 10 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 1, 1964, pp 61-67.
JPRS 24249

Sci-Med
Apr 64

254,681

Possibilities of Using Certain Indicators in the
Characterization of the Strength of the Excitation
Process and Mobility of Nervous Processes in Deter-
mining the Type of Nervous System, by E. P. Kokorina,
10 pp.

RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 1, 1964, pp 95-101.
JPRS 24249

Sci-Med
Apr 64

254,682

Characteristics of Neuronic Structure and of the
Topography of Reticular Formation in Carnivora, by
G. P. Zhukova, T. A. Leontovich, 36 pp.
RUSSIAN, per, Zhur x Vyssh Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 1, 1964, pp 122-1246.
JPRS 24249

Sci-Med
Apr 64

254,683

Feedback ■ ~~mir~~ and Reflex Activity of the Organism;
Reply to Certain Critics of the Reflex Theory, by
I. A. Bulygin, 13 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 1, 1964, pp 161-171.
JPRS 24249

Sci-Med
Apr 64

254,684

Fourth All-Union Conference on Electrophysiology,
by V. G. Skrebitskiy, 5 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 1, 1964, pp 181-183.
JPRS 24249

Sci-Med
Apr 64

254,685

Individual Differences as Factors in the
Responses of Brain Potentials to Rhythmical
Light Stimulation, by V. D. Neblitsyn, 16 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,
Vol XIV, No 2, 1964, pp 195-203.
JPRS 26427

Sci - B & M
Oct 64

267,475

Some Peculiarities of Man's Voluntary and
Involuntary Emotional Reactions, by P. V. Simonov,
M. N. Valuyeva, et al, 12 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel.
Vol XIV, No 2, 1964, pp 204-210.
JPRS 26427

Sci - B & M
Oct 64

267,476

Changes in the Relationships of the Orienting
and Motor Conditioned Reflexes Under the
Influence of Atropine, by E. A. Kostandov, 19 pp.
RUSSIAN, per, Zhur Vyssh Nernovoy Devatel.
Vol ~~XXX~~, XIV, No 2, 1964, pp 211-222.
JPRS 26427

Sci - B & M
Sep 6Oct 64

267,477

The Physiological Significance of Sounds of the
Human Voice, by P. S. Shpakov, 16 pp.
RUSSIAN, per, Zhur Vysah Nervnoy Deyatel.
Vol XIV, No 2, 1964, pp 239-245.
JPRS 26427

Sci - B & M
Oct 64

267,478

The Representation of the Visual Analysor in
the Cortex of the Cerebral Hemispheres,
by V. G. Skrebitakiy, Ye. G. Shkol'nik-Yarros, 19 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,
Vol XIV, No 2, 1964, pp 277-286.
JPRS 26427

Sci - B & M
Oct 64

267,479

Pathways for the Conduction of Primary Specific
Information in the System of the Visual Analysor,
by N. N. Lyubimov, 13 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,
Vol XIV, No 2, 1964, pp 287-295.
JPRS 26427

Sci - B & M

Oct 64

267,480

Interaction of the Excitatory and Inhibitory
Processes in the Acoustic Analysor of a Dog in
Response to Pure Tones, by N. N. Lazuko, 10 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel.
Vol XIV, No 2, 1964, pp 296-300.
JPRS 26427

Sci - B & M
Oct 64

267,481

Some Data on the Relationship Between Slow and
Impulse Activity in the Paleocortex of the Lizard,
by L. G. Voronin, K. G. Gusev, et al, 15 pp.
RUSSIAN, per, Zhur Vysah Nerynoy Deyatel,
Vol XIV, No 2, 1964, pp 2326-336.
JPRS 26427

Sci - B & M
Oct 64

267,482

Comparative Chemoarchitectonics of the Functional Groups of Proteins in Cortical Nuclei of the Cutaneous and Motor Analysors in Cats, by L. M. Gershteyn, 9 pp.
RUSSIAN, per, Zhur Vyssh Nervn Deyatel, Vol XIV, No 2, Mar, Apr 1964, pp 346-349.
JPRS 24966

Sci - Med
Jun 64

260,747

S-749/64

Elements of Automatization in the Mechanics of
Investigation of the Higher Nervous Activity,
by E. Frantik, M. Khorvat. (SF 3253)
RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel'nosti,
Vol XIV, No 2, 1964, pp 358-362.

*JPRS

Sci'Med
Jul 64

Methods of Simultaneous Study of the Blinking
Conditioned Reflexes and the Functional State
of the Cardiovascular System in a Human, by
F. M. Lebedev, M. G. Kheifets, 6 pp.
RUSSIAN, per, Zh. Vyssh. Nervyn Deyat, Vol XIV,
No 2, Mar, Apr, 1964, pp 364-368.
JPRS 24967

Sci - Med
Jun 64

FTD-77-65-60 [9698184]

260,746

Study of the Dynamics of the Frequency-Specific
Reaction of Brain and Retina Biopotentials to
Prolonged Photic Stimulation by the Correlation
Analysis Method, by N. N. Danilova, 15 pp.
RUSSIAN, per, Zhur Vysgh Nervnoy Devzatel.
Vol XIV, No 3, 1964, pp 377-386.
JPRS 26060

Sci - B & M
Sep 64

266,168

Influence of the School Day on Perception of
Time, by A. S. Dmitriyev, A. P. Ozhigova, 13 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,
Vol XIV, No 3, 1964, pp 417-425.
JPRS 26060

Sci - B & M
Sep 64

266,1769

Extinction of the Orienting Reaction After
Cutting and Removing the Auditory Cortex,
by M. M. Karimova, D. M. Bowden, et al, 11 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,
Vol XIV, No 3, 1964, pp 418-467.
JPRS 26060

Sci - B & M
Sep 64

266,170

Physiological Significance of the Rhythm and
Intensity Components of the Acoustic Food
Conditioned Reflex, by V. I. Syrenskiy, 6 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel.
Vol XIV, No 3, 1964, pp 475-479.
JPRS 26060

Sci - B & M
Sep 64

266,171

Relationship Between the Primary Response of
the Auditory Cortex in Wakeful Cats and the Time
Parameters of the Signal, by G. V. Gershuni,
I. A. Shevtelev, 12 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel.
Vol XIV, No 3, 1964, pp 489-497.
JPRS 26060

Sci - B & M
Sep 64

266,172

Influence of Removal of the Rabbit Cortical Visual
Projection Zone on Responses of the Lateral
Geniculate Body, by P. P. Gurstson, 9 pp.
RUSSIAN, per, Zhur Vyssh Nervnoy Deyatel,
Vol XIV, No 3, 1964, pp 520-525.
JPRS 26060

Sci - B & M
Sep 64

266,173

Functional Morphology of Interneuron Synapses,
by N. N. Bogolepov, 16 pp.
RUSSIAN, per, Zhur Vyash NERvnoy Deyatel,
Vol XIV, No 3, 1964, pp 544-552.
JPRS 26060

Sci - B & M
Sep 64

266, #174

Automatic Analysis of the Duration of the Ascending
and Descending Phases of Electroencephalogram
Oscillations, by A. A. Genkin, V. K. KZakharov,
V. I. Tarabukin, 12 pp.
RUSSIAN, per, Zhur Vyash Nervnoy Deyatel.
Vol XIV, No 3, 1964, pp 553-561.
JPRS 26060

Sci - B & M
Sep 64

266,175

Changes in Vascular Conditioned and Unconditioned Reflexes in Man in Relation to Typological Peculiarities of the Nervous System, by A. A. Rogov, T. T. Gorlanova, M. M. Kantorovich, N. T. Kovaleva, 9 pp.

RUSSIAN, per, Zhurnal Vyshey Nervnoy Deyatel'nosti imeni I. P. Pavlova, Vol XIV, No 4, 1964, pp 602-607.

JPRS 29177

Sci-Biol & Med

Mar 65

276,811

Peculiarities of the Effect of Nivaline on
Higher Nervous Activity of Dogs, by I. A.
Alekseyeva, T. S. Naumova, 22 pp.

RUSSIAN, per, Zhur Vysshoy Nerv Deyatel imeni
I. P. Pavlova, Vol XIV, No 4, Jul/Aug 64,
pp 667-677.

JPRS 27277

Sci-Biol&Med
Jan 65

271,5XX72

The Limits of Differentiated Inhibition, by
Ye. G. Guseva, 11 pp
RUSSIAN, per, Zhurnal Vysshoye Daryvnye Devatel'-
mosti izsei I. P. Pavlova, Vol XIV, No 4, G4, pp
677-694
JPRS 27761

USSR
Sci-B/M
Apr 65

277,622

Interaction Between Supraliminal and External
Inhibition, by V. N. Andreyeva, 9 pp
RUSSIAS, per, Zhurnal Vysshey Nervnoy Deyatel'-
nosti inani I. P. Pavlova, Vol XIV, No 4, 64,
pp 695-700
JPRS 29450

USSR
Sci-D/A
Apr 65

277,623

The Role of Conditional Signalization in the
Spatial Analysis in Bats, by A. I. Konstantinov,
13 pp.

RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel imeni
I. P. Pavlova, Vol XIV, No 4, Jul/Aug '64, pp 701-
706.

JPRS 27285

Sci-Biol&Med
Jan 65

271,574

Structural and Histochemical Characteristics of the
External Geniculate Body of Primates, by T. V.
Ball', V. V. Portugalov, Ye. G. Sukol'nik-Yarros,
13 pp
RUSSIAN, per, Zhurnal Vyshey Nervnoy Dayatel'nosti
imeni I. P. Pavlova, Vol XIV, No 4, 1964, pp 707-713
JPRS 29546

USSR
Sci-B/M
Apr 65

277,736

Characteristics of Neuronal Structure and
Synapses in the Brain Stem and Spinal Cord and
Their Significance in Carnivores, by G. P.

Zhukova, 17 pp.

RUSSIAN, per, Zhurnal Vysshey Nervnoy Deyatel'-
nosti, Vol XIV, No. 4, 1964, pp. 714-725.

JPRS 41503

USSR

Sci-B&M

Aug 67

333,267

Statistical Electroencephalograph Model, by M. I.
Venslauskas, K. A. Grinyavichus, et al, 13 pp.
RUSSIAN, per, Zhurnal Vysshey Nervnoy Deyatel'nosti
imeni I. P. Pavlova, Vol XIV, No 4, Jul-Aug 1964,
pp 726-731.
JPRS 27,324

Sci-
Jan 65

271,481

On Possibilities of Employing the Correlation
Analysis of the Electroencephalogram (EEG)
of Man, by O. M. Grindel', G. N. Boldyreva,
et al, 13 pp. RUSSIAN

RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel' imeni
I. P. Pavlova, Vol XIV, No 5, Se/Oct 1964, pp
745-754.

JPRS 27677

Sci-Biol&Med
Jan 65

272,122