

YEVDOKIMOVA, A.I.; VOLKOVA, T.N.

Atypical hemoglobin in children with congenital hemolytic anemia. Azerb. med. zhur. 41 no. 11:74-77 # '64. (MIRA 18:12)

1. Iz kliniki starshego detskogo vovrasta i laboratorii pato-fiziologii Instituta pediatrii AMN SSSR (dir. - dotsent M.Ya. Studenikin). Submitted Jan. 10, 1964.

VOLKOVA, T.P., inzhener.

Characteristics of the process of making high ash content printing
paper. Bum. prom. 32 no.5:15-18 My '57. (MLRA 10:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut bumagi.
(Paper)

VOLKOVA, T.P.

VOLKOVA, T.P.; ZOSIM, Z.L.

New type of paper for multicolor printing. Bum.prom.32 no.9:16-19
S '57. (MIRA 10:12)

1. Ukrainskiy nauchno-issledovatel'sky institut bumagi.
(Paper) (Color printing)

VOLKOVA, T.P.

Using carboxymethyl cellulose in the manufacture of newsprint.
Bum.prom. 33 no.10:15-16, 0 '58. (MIRA 11:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut tsellyuloznoy i
bumazhnoy promyshlennosti.
(Cellulose) (Paper)

VOLKOVA, T.P.

Utilizing paper for lining pit silos. Bun.prom. 34 no.3:23-24
Mr '59. (MIRA 12:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut tsellyuloznoy i bu-
mazhnoy promyshlennosti. (Paper) (Silos)

VOLKOVA, T.P., inzh.; VOLOVIK, S.I.

Problems of manufacturing high-ash content printing paper. Bun.
prom. 34 no.6:15-21 Ja '59. (MIRA 12:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut tsellyuloznoy i
bumazhnoy promyshlennosti (for Volkova). 2. Glavnyy inzhener
Dnepropetrovskoy bumazhnoy fabriki (for Volovik).
(Paper)

9,1300

S/109/60/005/011/007/014
E140/E483

AUTHORS: Volkova, T.P. and Kerzhentseva, N.P.

TITLE: The Propagation of Fast Waves in a Helical Waveguide⁵
With Dielectric Envelope and Metal Screen

PERIODICAL: Radiotekhnika i elektronika, 1960, Vol.5, No.11,
pp.1811-1817

TEXT: The paper was presented at the Seminar of IRE AN SSSR
(IRE AS USSR) on January 7, 1959.

The article considers a waveguide intended for the propagation of the H_{01} -wave. Such waveguides are used to design sharp bends, parasitic wave filters and long distance communication lines. The dispersion equation is derived and the dependence of asymmetrical wave characteristic values on dielectric thickness analysed. For certain dielectric thicknesses, increased attenuation of H_{0m} -waves can be obtained. There are 4 figures, 1 table and 5 references: 3 Soviet and 2 English. JD

SUBMITTED: January 16, 1960

Card 1/1

VOLKOVA, T.P.; KERZHENTSEVA, N.P.

Propagation of fast waves in a helix wave guide with a dielectric sheath and a metal shield. Radiotekh. i elektron. 5 no.11:1811-1817 N '60. (MIRA 13:11)

(Wave guides)

VOLKOVA, T.P.; SMIRNOVA, A.P.

Composition of fillers and their retention in paper. Bum.prom.
35 no.3:16-18 Mr '60. (MIRA 13:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut tsellyulozno-bumazhnoy promyshlennosti.
(Fillers (In paper, paint, etc.))

VOLKOVA, T. P., VORONOVSKAYA, G. A., DUBROVSKIY, V. A., RYCHKO, V. A.

"Paper from basaltic fiber."

Institute affiliation: UkrNIIB (Ukrainian Sci Res Inst Paper) for Volkeva and
Vornovskaya; UkrFVNIISV for Dubrovskiy and Rychko.

Source: Bumazhnaya Promyshlennost', June 1965.

ZIMIN, A.D. (Moskva); VOLKOVA, T.S. (Moskva)

Effect of surface roughness on dust adhesion, Koll.zhur. 27
no.3:365-367 Iy-Je '65. (MIRA 18:12)

1. Submitted Oct. 26, 1963.

ZIMON, A.D. (Moskva); VOLKOVA, T.S. (Moskva)

Break off of dust particles adhering together with water
droplets to the solid surface. Koll. zhur. 27 no.4:529-
533 J1-Ag '65. (HQA 18:12)

1. Submitted July 26, 1963.

VOLKOVA, T.V.; SABSAY, B.I.

Effect of the properties of chyme on the secretory and motor function of the gastrointestinal tract. Biul.eksp.biol.i med. 58 no.10:20-24 0 '64. (MIRA 18:12)

1. Laboratoriya fiziologii i patologii pishchevareniya (zav. - prof. S.I.Filippovich) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V. Parin) AMN SSSR, Moskva. Submitted June 17, 1963.

VOLKOVA, V.I.

Ellipticity of the diffusion of the wind vector over the
northern hemisphere. Trudy NIIAK no.34:62-71 '65.
(MIRA 18:11)

VOLKOVA, Ye.Ye. (Chelyabinsk)

Use of cotton fabrics blended with lasean in clothing manufacture.
Shvein. prom. no.3:27-28 My-Je '65. (MJRA 18:9)

KAGAN, S.Z.; AEROV, M.E.; LONIK, V.; VOLKOVA, T.S.

Problems of hydrodynamics and mass transfer in pulsating sieve
extractors. Izv. vyz. ucheb. zav.; khim. i khim. tekhn. 8 no.1:
142-150 '65. (MIRA 18:6)

1. Moskovskiy khimiko-tekhnologicheskii institut imeni
Mandel'stveya, kafedra protsessov i apparatov.

KAGAN, S.Z.; AKROV, M.E.; VOLKOVA, T.S.; VOSTRIKOVA, V.N.

Investigating extractors with mechanical phase-mixing (pulsating
extractors). Khim.prom. no.8:689-694 D '59. (MIRA 13:6)
(Extraction apparatus)

KAGAN, S.Z.; VOLKOVA, T.

Modification of extractors with rotating disks. Trudy MFTI
no.33:124-129 '61. (MIRA 14:10)
(Extraction apparatus)

AEROV, M.E.; KAGAN, S.Z.; VOLKOVA, T.S.

Pilot plant testing and problems of modeling rotary-disk
extractors. Khim. prom. no.4:292-294 Ap '63.
(MIRA 16:8)

AEROV, M.E.; KAGAN, S.Z.; VOLKOVA, T.S.; NIKITIN, L.Ya.

Coefficients of longitudinal mixing in rotating-disk
extractors. Zhur. prikl. khim. 36 no.9:1994-2000 D '63.
(MIRA 17:1)

L 55037-65 EWT(d)/EWT(m)/EWP(i)/EWP(c)/EWP(v)/I/EWP(t)/EWP(k)/EWP(b)/EWP(1)
ACCESSION NR: AP5014524 Pf-4 JD UR/0669/65/027/003/0365/0367
539.612

AUTHOR: Zimon, A. D. (Moscow); Volkova, T. S. (Moscow)

TITLE: Effect of surface finish on dust adhesion

SOURCE: Kolloidnyy zhurnal, v. 27, no. 3, 1965, 365-367

TOPIC TAGS: adhesion, contact characteristic, surface roughness, surface area

ABSTRACT: Standard surfaces made by the "Kalibr" plant and consisting of steel plates of various classes of finish (V4, V5, V6, V10, V13) were used for determining the effect of surface roughness on the adhesion of spherical glass particles 20, 40, and 70 μ in average diameter (of three fractions). The particles were allowed to settle freely on the plates and were detached after 30 min by centrifuging. A microscope was used to determine the number of particles present before and after the experiment. It was found that the adhesion of the dust to plates of class 13 was greatest, slightly less in the case of classes 4, 5, and 6, and least in the case of plates of class 10. The surfaces studied were divided into three groups:

Card 1/2

L 55037-65

ACCESSION NR: AF5014524

2

(1) Ideally smooth surfaces, such as freshly fire-polished glass or class 13 steel plate; in this case the contact area is greatest, and hence the adhesion reaches its maximum value. (2) Surfaces whose projections are one order of magnitude smaller than the size of the particles; thus the contact area and hence the adhesion decrease. (3) Surfaces having macroscopic features of roughness where the size of the projections is comparable with or greater than that of the dust particles; in this case, the contact area will increase, and so will the adhesion. Profilograms of the steel surfaces confirmed these assumptions. "The authors are very grateful to N. V. Shcherbakova and A. D. Dmitriyeva, both on the staff of the "Kalibr" plant, for recording the profilograms." Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 26Oct:63

ENCL: 00

SUB CODE: MT

NO REF SOV: 001

OTHER: 001

Card 2/2

KAGAN, S.Z.; AEROV, M.E.; VOLKOVA, T.S.; TRUKHANOV, V.G.

Calculation of the diameter of drops in rotor-disk extractors. Zhur.prikl.
khim. 37 no.1:58-64 Ja '64. (MIRA 17:2)

KAGAN, S.Z.; VOLKOVA, T.S.; FILIPPOV, I.V.; AEROV, M.E.

Testing an experimental commercial rotary-disk extractor
for dephenolizing tar waters. Gaz. prom. 7 no.4:13-17'62
(MIRA 17:7)

5(1),25(5)
AUTHORS:

Kagan, S. Z., Aerov, M. E.,
Volkova, T. S., Vostrikova, V. N.

SOV/64-58-7-12/13

TITLE:

Investigating Extraction Apparatuses With Mechanical Mixing
of the Phases (Issledovaniye ekstraktorov s mekhanicheskimi
peremeshivaniyem faz)
Rotor Disk Extractors (Rotorno-diskovyye ekstraktory)

PERIODICAL:

Khimicheskaya promyshlennost', 1958, Nr 7, pp 432-438 (USSR)

ABSTRACT:

The effect of the operation of these extractors is based on the fact that in each section between the rotor disks a closed radial current is formed by the rotating disks. Of late, several types of extractor columns of this type were proposed (Refs 8, 10, 11, 13, 14, 18, 22, 25). Yet the investigations carried out hitherto are incomplete and the results obtained are even contradicting each other (Refs 16, 16a, 17, 20, 26). In the present case the hydrodynamics and mass transfer of the rotor disk extractors is investigated as a function of the physical properties of the system, of the geometrical ratios within the apparatus, as well as of the dimensions of the apparatus. The experiments were carried out in extractors of different dimensions. Two systems were investi-

Card 1/2

Investigating Extraction Apparatuses With Mechanical SOV/64-58-7-12/18
Mixing of the Phases.
Rotor Disk Extractors

gated: 1.-Diisopropyl ether - water - phenol, and 2.-Kerosene - water - phenol (water = tap water, phenol is pure according to GOST 64-17 - 52, diisopropyl ether - γ = 0.725, boiling-point 68.6°, kerosene - γ = 0.816, boiling range 119 - 232°). A change of the ratio ether:water from 1 : 3 to 1 : 9 and that of kerosene:water from 1 : 3 to 1 : 10 shows a low effect on the capacity limit of the extractor. The capacity of the extractor decreases to a certain limit with the increase in the speed of rotation of the rotor, with the intensity of mass transfer (mainly) increasing. There are 10 figures, 5 tables, and 26 references, 6 of which are Soviet.

Card 2/2

KAGAN, S.Z.; AEROV, M.E.; VOLKOVA, T.S.; VOSTRIKOVA, V.N.

Study of extractors with mechanical mixing of phases (rotating-disk extractors). Khim. prom. no.7:432-438 O-N '58.

(MIRA 11:12)

(Extraction apparatus)

VOVKOVA T.V.

DOBROTIN, R.B.; TER-AVAKOVA, M.G.; VOLKOVA, T.V. (Leningrad).

D.I. Mendeleev's correspondence with foreign scientists. Vop. 1st.
est. 1 tekhn. no.3:176-189 '57. (MIRA 11:1)
(Mendeleev, Dmitrii Ivanovich, 1834-1907)

FILIPPOVICH, S.I.; AMIROV, N.Sh.; VOLKOVA, T.V.; ZAMYCHKINA, K.S.;
MALKIMAN, I.V.; MARTSEVICH, M.S.; NILOVA, N.A.; GOLUBEYKH,
L.I., red.; BUKOVSKAYA, N.A., tekhn. red.

[Compensatory processes in the digestive system following
resection of the stomach and the small intestine;
experimental studies] Kompensatornye protsessy v pishche-
varitel'noi sisteme posle rezektsii zheludka i tonkogo ki-
shechnika; eksperimental'nye issledovaniia. Moskva, Med-
giz, 1963. 290 p. (MIRA 17:3)

VOLKOVA, T.V.

Motor evacuatory function of the digestive tract after extensive resection the small intestine in dogs. Biul.eksp.biol.i med. 54 no.7:26-30 J1 '62. (MIRA 15:11)

1. Iz laboratorii fiziologii i patologii pishchevareniya (zav. - prof. S.I.Filippovich) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V.Parin) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Parinym.

(INTESTINES--SURGERY) (DIGESTIVE ORGANS)

NIKANOROVA, A.I.; GUMEL'YA, A.N., redaktor; VOLKOVA, T.V., redaktor;
MORCZOVA, T.M., tekhnicheskii redaktor.

[Preservation of poles used in overhead communication lines]
Konservirovanie stolbov dlia vozdukhnykh linií aviatsii. Moskva,
Gos. izd-vo lit-ry po voprosam aviatsii i radio, 1951. 76 p.
[Microfilm] (MLRA 8:1)
(Telephone lines--Poles) (Wood--Preservation) (Telegraph
lines--Poles)

VOLKOVA, T. V.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
General and Physical Chemistry

3
② Ch.
A. M. Butlerov and N. N. Beketov and their correspond-
ence. T. V. Volkova, *J. Appl. Chem. U.S.S.R.* 25,
657-64 (1952) (Engl. translation).—See C.A. 47, 2553c.
H. L. H.

VOLKOVA, T. V.

History. Solov'ev Experiments

Pers
(3)

✓ A. M. Butlerov and M. N. Beketov and their correspondence.
T. V. Volkova (*J. appl. Chem. USSR*, 1952, 25, 573-581).— (Historical, celebrating the 120th anniversary of Beketov's birth. The correspondence covers the period 1863-1888. R. C. MURRAY.

VOLKOVA, T. V.

Chemists

The Correspondence of A. M. Butlerov with N. N. Beketov (on the one hundred and twenty-fifth anniversary of N. N. Beketov's birth.) Zhur. prikl. khim., 25, no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 195~~4~~₂, Uncl.

VOLKOVA, T. V.

Butlerov, Aleksandr Mikhaylovich, 1828-1911

The Correspondence of A. M. Butlerov with N. N. Beketov (on the one hundred and twenty-fifth anniversary of N. N. Beketov's birth).

9. Monthly List of Russian Accessions, Library of Congress, October 195~~7~~₂, Uncl.

VCHKOVA, T. V.

Beketov, Nikolay Nikolayevich, 1826-1911

The Correspondence of A. M. Butlerov with N. N. Beketov (on the one hundred and twenty-fifth anniversary of N. N. Beketov's birth.) Zhur. prikl. khim. 25, no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 195~~7~~, Uncl.
2

VOLKOVA, T. V.

Materials on A. M. Butlerov's activities in the Academy
of Sciences. T. V. Volkova. Zhur. Priklad. Khim.
(I. Applied Chem.) 21, 1300-5 (1948). N. Thou

2

3

1. VOLKOVA, T. V.

2. USSR (600)

4. Butlerov, Aleksandr Mikhailovich, 1828-1886

7. A. M. Butlerov and the St. Petersburg University, Vest. Len. un. 7, no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

1. VOLKOVA, T. V.
2. USSR (607)
4. Chemists
7. A. M. Butlerov and the St. Petersburg University, Vest. Len. un. 7, no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

VOLKOV, T.V.

A.M. Butlerov and the cultivation of tea in Russia. Zhuravskii. 20
no. 8:880-202 A, '53. (MLA 5:5)
(Tea) (Butlerov, Aleksandr Mikhailovich, 1823-1875)

VOLKOVA, T.V.

~~Volokova, T.V.~~

A.M.Butlerov and N.N.Beketov and their correspondence. J.appl. Chem.
USSR '52, 25, 573-581. (MLBA 5:7)
(BA-BI Je '53:535)

VOLKOVA, T. V.

Mendeleev, Dmitrii Ivanovich, 1834 - 1907

The young Mendeleev and Russian industry, Zhur. prikl. khim 20 No. 6, 1947

Monthly List of Russian Accessions, Library of Congress, June 1953, Incl.

VOLKOVA, T.I.

Criteria of the resistance of steel to relaxation and modifications
following repeated stresses. Trudy Sem.po prech.det.mash. 1 no.2:
49-58 '53. (MLRA 7:1)

(Steel) (Creep of metals)

VOLKOVA, T.I.

Role of the crystal junction line of steel in the process of
relaxation. Trudy Sem.po proch.det.mash, 1 no.2:44-48 '53.

(MLRA 7:1)

(Steel--Metallography) (Creep of metals)

VOIKOVA, T.V. (Leningrad)

Prize of the Academy of Sciences for a scholarly biography of
M.V.Lomonosov. Vop.ist.est.i tekhn. no.12:152-165 '62.

(MIRA 15:4)

(Lomonosov, Mikhail Vasil'evich, 1711-1765)

C.A.

Effect of carbon on the mechanical properties of steel at high temperature T. I. Volkova. *Vestnik Mashinostroyeniya* 31, No. 4, 45-7 (1951). The ultimate strength, yield point, relative reduction of cross section, and relative elongation of 5 steels contg. 0.025-1.01% C was tested at 20-600°. Each steel prior to testing was annealed to lamellar and to granular pearlite. At all temps. with the increase of C the strength rose and the plasticity declined. Steels having lamellar pearlite were generally stronger and less plastic than similar steels contg. granular pearlite. At more than 0.8% C cementite appeared. Steels having a structure of granular pearlite were not affected by the appearance of cementite. In steels having a structure of flaky pearlite the appearance of cementite lowered somewhat the strength and raised plasticity. M. Hirsch.

VOLKOVA, T. V.

Russia - Industries

The young Mendeleev and Russian industry. Zhur.prikl.khim. 20 no. 6, 1947.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

ACC NR: AT6036525

SOURCE COM: UR/0000/66/000/000/0104/0105

AUTHOR: Volkova, T. V.; Mukhina, A. P.; Potkin, V. Ye.

ORG: none

TITLE: Changes in the motor activity of the gastrointestinal tract in dogs following exposure to radial accelerations [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966.]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 104-105

TOPIC TAGS: biologic acceleration effect, human physiology, digestive system, biologic secretion, peristalsis

ABSTRACT: Studies conducted in the Laboratory of the Physiology and Pathology of Digestion, Institute of Normal and Pathological Physiology, under the direction of professors S. I. Filippovich and I. M. Khazen are presented. Experiments were conducted on dogs with stomach fistulas using x-ray and tonometric methods. Parallel recording from two tonometers was used to study motor periodicity during starvation. The indices showed the duration of "working" and "resting" periods and the duration of the complete cycle of periodic motor activity in the stomach and duodenum.

Card 1/3

ACC NR: AT6036525

The basic indices of GI tract evacuation were: 1) initial evacuation from the stomach; 2) time of complete evacuation from the stomach; 3) time required for the first portions of food to pass through the small intestine; 4) duration of passage of the final portions of food through the small intestine; 5) total duration of food passage through the stomach and small intestine.

After accumulating background data, animals were exposed to chest-back accelerations on a centrifuge with a 4.2-m radius (8 G for 3 min). Tests after exposure to acceleration showed significant deviations in motor activity. On the day of exposure, steady motor activity of the stomach and duodenum was noted in the form of acid contractions which persisted for 5-6 hr. These changes in GI-tract starvation periodicity persisted for 2-3 weeks. At the end of the third week, this index began to normalize. Amplitude values with respect to background data were lower. The rhythm and peristalsis occurring in the observed portions of the GI tract remained constant for two months after exposure to acceleration.

Results of GI-tract evacuation studies (food stimuli consisted of 100 ml of milk plus 50 ml of water and 100 g of meat mixed with 50 g of barium sulfate) showed some substantial changes: 1) acceleration of the initial

Card 2/3

ACC NR: AT6036525

evacuation of milk and meat foods from the stomach; 2) acceleration of the evacuation of milk from the stomach and small intestine. Changes in gastric and intestinal evacuatory function were observed for 2.5 months.

The studies showed that increased gravity produces changes in starvation periodicity and GI evacuation, which disappear in 3-9 weeks. The disruption of starvation periodicity and evacuation can find application in the pathological analysis of the human GI tract upon exposure to increased gravity. [W. A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Cord 3/3

2

CA

Founders of the Russian school of chemistry. The
seventieth anniversary of the deaths of N. N. Zinin and
A. A. Vokhronovskii, 1828-1928. T. V. Yakovleva. J. Ap-
plied Chem. U.S.S.R. 23, 711-18 (1950) (Engl. translation)
R. M. S.
--See C.A. 44, 41024.

1951

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PROCESSED AND PREPARED UNDER
MATERIALS ON A. M. BUTTEROV'S ACTIVITIES IN THE ACADEMY
OF SCIENCES. T. V. VOLOBOVA. Zhur. Priklad. Khim.
(I. Applied Chem.) 21, 1300-6(1948). N. Thon

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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 11-19-80 BY SP-7 BJS/STW

U.S. GOVERNMENT PRINTING OFFICE: 1964 O - 345-111

ACC NR: AT7004162 SOURCE CODE: UR/0000/66/000/000/0052/0057

AUTHOR: Kurtepov, M. M.; Volkova, T. V.

ORG: none

TITLE: Corrosion and electrochemical behavior of some metals and alloys solutions of hydrochloric acid at low temperatures

SOURCE: AN SSSR. Institut fizicheskoy khimii. Korroziya i zashchita konstruktsionnykh splavov (Corrosion and protection of structural alloys) Moscow, Izd-vo Nauka, 1966, 52-57

TOPIC TAGS: corrosion, corrosion resistance, corrosion protection, alloy steel, hydrochloric acid, nickel molybdenum alloy, steel/Kh23N28M3D3T steel, Kh18N12M3T steel

ABSTRACT: A study was made to determine the limits of stable passivity of nickel-molybdenum alloys and several other metals characterized by high corrosion resistance in hydrochloric acid solutions. The study showed that the corrosion resistance of nickel-molybdenum alloys NIMO-28 and NIKhMO-20-10 increases considerably below OC and their dissolution at stationary potentials

Card 1/2

ACC NR: AT7004162

progresses slowly. The addition of chrome to nickel-molybdenum alloys increases their tendency toward passivity. At low temperatures, anodically polarized Kh23N28M3D3T and Kh18N12M3T steels have a wide range of passivity potentials in hydrochloric acid. At low temperatures, titanium and zirconium, just as tantalum, niobium, and molybdenum, are characterized by high corrosion resistance in 1--20% hydrochloric acid solutions. Orig. art. has: 4 figures and 1 table. [SP]

SUB CODE: 11/

Card 2/2

CTRSPI. Vol. 5-No. 1 Jan. 1952

Zolova, I.V., A.M. Butlerov's doctoral dissertation "On Ethereal Oils," 1-10

Akademiya Nauk, S.S.S R., Doklady

Vol. ²¹₁, No. 1

1ST AND 2ND ORDERS

PROCESSING AND PROPERTIES INDEX

3RD AND 4TH ORDERS

2

ca

Letters of A. P. Borodin to D. I. Mendeleev. T. V. Volkova. Uspokoi Khim. 9, 1080-71(1940)(+2 photographs).—Right letters written from Western Europe F. H. Pathmann 1800-2 are reprinted.

COMMON ELEMENTS

COMMON VARIANTS INDEX

ASM-ISA METALLURGICAL LITERATURE CLASSIFICATION

BSONI BOMIV BSIAT ONE ONE 101

CA

Doctoral dissertation of A. M. Butlerov, "On Essential Oils," T. V. Volkova. *Zhur. Priklad. Khim.* (J. Applied Chem.) 24, 3-10 (1951).—Largely bibliophilic discussion of the unpublished dissertation of Butlerov dealing with oils of vegetable origin and more specifically with terpene derivs. and with the initial concepts of his later theories of structure of org. compds. G. M. Kosolapoff

POGLAZOV, B.F.; VOLKOVA, T.Ya.; ZOTIN, A.I.

Contractile protein from the liver mitochondria. TSitologii 5 no.3:
338-339 My-Je '63. (MIRA 17:5)

1. Laboratoriya funktsional'noy enzimologii Instituta radiatsionnoy
i fiziko-khimecheskoy biologii AN SSSR i Gruppy kosmicheskoy biologii
i biofiziki razvitiya Instituta morfologii zhivotnykh AN SSSR, Moskva.

~~SECRET~~
VOLKOVA, V.; LANDA, R.

Visiting a coal preparation plant. IUm.tekh.no.1:70-72 Ja '57.
(MIRA 10:3)

(Coal preparation)

VOLKOVA, V.

CHERNYAK, A. (Moskva); VOLKOVA, V.; TUGARINOV, V. (g.Gus'-Khrustal'nyy).

For further improvement in documentation within the factory.

Bukhg.uchet 14 [i.e.16] no.9:49-50 '57.

(MIRA 10:10)

1. Starshiy inzhener proyektno-konstruktorskogo byuro Vsesoyuznogo nauchno-issledovatel'skogo instituta stekla (for Chernyak). 2. Glavnyy bukhgalter steklozavoda imeni Dzerzhinskogo (for Volkova). 3. Nachal'nik mashinoschetnoy stantsii zavoda (for Tugarinov).

(Glass manufacture--Accounting)

VOLKOVÁ, VERA

C. Z. P. CH
Polarography of steroids. II. Reaction of keto steroids
with hydrazine and primary amines. Miroslav Hrzina
Vera Volková and Jan Volke. *Collection Czechoslov. Chem.*
Commun. 19, 584-591 (1954) (in German).—See C.A. 48
61-64

VOLKOVÁ, V.

CZECH

/ 729. Polarography of steroids. II. Reaction of ketosteroids with hydrazine and primary amines. M. Březina, V. Volková and J. Volke (*Chem. Listy*, 1954, 48 [2], 101-102). The polarographic behaviour of the reaction products of dehydroisandrosterone, methyltestosterone and progesterone with Girard's reagent D (cf. *Brit. Abstr. C*, 1951, 409) (I) was studied. The buffered aq. alcoholic solutions of the dimethylglycylhydrazones formed show the presence of two forms of reducible compounds, the ratio of which depends on pH. The reduction at the dropping-mercury electrode requires 4 electrons and 4 protons. The following procedure for the determination of 17-ketosteroids is recommended. Evaporate the sample containing ≈ 1 mg of the steroid in ethanol or other low-boiling solvent to dryness, treat the residue with a 10 per cent. soln. of I in glacial acetic acid (at least 0.1 ml per 1 mg of ketosteroid), heat for 3 min. of a steam-bath, cool, and add ethanol and, in order to adjust pH to 4-7, 0.25 N NaOH (3.2 ml per 0.1 ml of soln. I). Dilute with water to 5 ml and polarograph at ≈ 1.2 to ≈ 1.3 V vs. the S.C.E. To determine 17-ketosteroids in urine, heat the urine (10 ml) with conc. HCl (3 ml) at 80° C during 10 min., isolate the hydrolysis products by extracting with freshly distilled ether (2 $\times$ 20 ml), wash the extract with 2 N NaOH (10 ml) and water (3 $\times$ 40 ml), evaporate to dryness and proceed as above. G. GLASER!

11/11/54

Volkova, Vera

Polarography of aromatic heterocyclic compounds. I.
Oscillographic distinction of some pyridine derivatives.
Jiří Volke and Vera Volková (Czech. akad. věd, Prague).
Chem. Listy 48, 1021-8 (1954).—Since normal polarographic
 procedure was unsuccessful for the detn. of 3 different re-
 ducible $C_{10}H_8N$ derivs. in the presence of each other, oscil-
 lographic detns. with a dropping or streaming Hg electrode
 and an electronic polaroscope were worked out for nicotinic,
 picolinic, isonicotinic, dipicolinic, dinicotinic, and isoca-
 chomeric acids, and for nicotinic amide, trigonellin, nico-
 tinic hydrazide, and nicotine. Up to 5 compds. present in
 the soln. can be detd. in this way. M. Hudlický

VOIKOVA, VERA

3

✓ Polarography of aromatic heterocyclic compounds. I.
Oscillographic distinction of some pyridine derivatives.
CHIH Volke and Vera Volková. *Collection Czechoslov. Chem.*
Commun. 20, 999-10 (1955) (in German).—See C.A. 48,
13547a. E. J. Cerný

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VOLKOVA, VERA

CZECH

Polarography of aromatic heterocyclic compounds. II.
Polarographic behavior of isonicotinic and picolinic acid.
Jiří Volke and Věra Volková (Polarografický ústav ČSAV,
Prague). *Chem. Listy* 49:493-6 (1955); cf. C.A. 48, 13347d.
—In the presence of multivalent cations there are 2 polarographic waves on the polarographic curves of isonicotinic as well as on those of picolinic acid in buffered supporting electrolytes. The waves are due to 2 different forms of the reducible matter, the ratio of which changes according to the pH value of the media. F. Stráfeldt

Jan 77

VOLKOVÁ, YERA.

Med 1
 Polarographic determination of Bromisoval and Bromisoval.
 Vra Volková (Polarographic Inst. CSAV, Prague). *Citro-*
~~don. (Am. 5, 203-6(1956))~~. An acid soln. was used to det.
 2-bromoisovalerylurea (I) or 2-bromo-2-ethylbutyrylurea
 (II). In alk. soln. I was hydrolyzed to the polarographically
 active α -bromoisovaleric acid (III); II to α -Br-contg. in-
 active compds. To det. I or II, samples contg. 20-40 mg. of
 either substance were dissolved in EtOH and made up to 25
 ml. To 1.5 ml. soln., 5 ml. of 0.2M KCl or 0.2M acetate
 buffer soln., pH 2-5; 4 drops of 0.5% gelatin, and H₂O
 to 10 ml. were added. To det. I in the presence of II, the
 same was obtained as shown in acid soln. To another 1.5
 ml. alc. soln., 2 ml. 1M NaOH was added and the soln.
 was allowed to stand for 2 hrs. at room temp.; 20 ml. 2M
 AcOH and H₂O to 25 ml. were then added. The difference
 between both detns. indicated the amt. of II, the value of
 III, and the amt. of I.
 K. Macek

VOLKOVA, V.

✓ 1980. Polarographic determination of Endiaron.
V. Volková and F. Jicha (Polarographic Inst. Acad.
Sci., Prague, Czechoslovakia). *Czechoslov. Farm.*, 1980,
5 (7), 406-408. Endiaron (a mixture of 5,7-di-
chloro-8-hydroxyquinoline and 5-chloro-8-hydroxy-
quinoline) is extracted from melted ointments or
from pulverised tablets with 2 N HCl, ethanol is
added, the solution is neutralised (methyl red as
indicator), and for polarography is mixed with a
phosphate-borate buffer pH 7.8. The final concn
of ethanol should be 40%. The polarographic
reduction wave is recorded and evaluated by means
of standard addition or a calibration curve. The
substance may also be extracted with dioxan or
benzene without further neutralisation. J. VOLKEB

VOLKOVA, V.

Possibilities of the pharmaceutical application of polarography. In German.
p. 247. (Acta Chimica, Vol. 9, No. 1/4, 1956, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

VOLKE, J.; DUMANOVIC, D.; VOLKOVA, V.

Polarography of heterocyclic aromatic compounds. Pt.17.
Coll Cz Chem 30 no.1:246-256 Ja '65.

1. J. Heyrovsky Institute of Polarography of the Czechoslovak
Academy of Sciences, Prague. 2. Present address: Institute
"Galenika", Zemun, Yugoslavia (for Dumanovic). Submitted
October 24, 1963.

VOIKOVA, V.; VOLKE, J.

Polarography of aromatic and heterocyclic compounds. II. Polarographic behavior of isonicotinic and picolinic acids. p. 490.

ČESKOSLOVENSKÝ HORNÍK. Praha, Czechoslovakia. Vol. 49, no. 2, 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

VOLKOVA, V.; VOLKE, J.

Polarography of aromatic and heterocyclic compounds. II. Polarographic behavior of isonicotinic and picolinic acids. p. 490.

CHEMICKÉ LISTY (Ceskoslovenska akademie ved. Ceskoslovenska spolecnost chemicka) Praha, Czechoslovakia. Vol. 49, no. 4, Apr. 1955.

Monthly List of East European Accessions (EEAI) IC, Vol. 9, no. 1, Jan. 1960.
Uncla.

VOLKOVA V. A.

"The Birch as an Element of the Flora and Plant-Cover of Moscow Oblast." Cand Biol Sci, Moscow Oblast Pedagogical Inst, Moscow, 1954. (EZhBiol, No 6, Mar 55)

SO: Sum No. 670, 29 Sep 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

KHASKIN, S.A.; VOLKOVA, V.A.

Clarifying reservoirs for waste waters containing petroleum. Vod.
1 san. tekhn. no. 5:29-31 My '58. (MIRA 11:6)
(Sewage--Purification)

Potentiometric methods of titrating cerium, lanthanum and thorium with ferro- and ferricyanide. V. M. Shem'yakin and V. A. Volkova. J. Gen. Chem. (U. S. S. R.) 7, 1328-32(1937).—A study was made of the conditions for detg. Ce, La and Th by titrating with K₄Fe(CN)₆ (I) and K₃Fe(CN)₆ (II). Potentiometric detn. of Ce⁺³ by means of I in an EtOH soln. at 30° gives a curve with an inflection point corresponding to a quant. pptn. of CeKFe(CN)₆. Similarly, Th detn. with I from a 30% EtOH soln. at 70° gives an inflection point corresponding to a pptn. of ThFe(CN)₆. Pptn. of Ce and Th together with I gives 2 inflection points where the 2nd point corresponds to the combined ppnts. of CeKFe(CN)₆ and ThFe(CN)₆. La with I, in a 30% EtOH soln. at 70°, gives an inflection point corresponding to a detn. of La(K₄Fe(CN)₆)₃. Simultaneous pptn. of Ce, Th and La in a 30% EtOH soln. at 70° with I gives 2 inflection points the 1st of which corresponds to Ce and the 2nd to all 3 elements. Presence of Th and La has no effect on the oxidation of Ce with II.

S. L. Madorsky

PROCESSES AND PROPERTIES INDEX																																																																																																			
1ST AND 2ND EDITIONS													3RD AND 4TH EDITIONS																																																																																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Chemical investigation of gold in the Babel mine (Trans- baikal). O. R. Zvyagintsev, V. A. Volkova and E. L. Pisarchevskaya. <i>Dokl. Akad. Nauk S.S.S.R.</i> 1938, 18, 11. math. nat., <i>Met. chim.</i> 1938, 18, 11. See U.S.A. 33. 21429																																																																																																			
METALLURGICAL LITERATURE CLASSIFICATION																																																																																																			

VOLKOVA, V. A.

"On the reactions of rare earths and elements related to them with pol phenols and alkaloids. Communication VI." F. M. Senjakin, V. A. Volkova and A. S. Bozko. (p. 455)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1938, Vol. 8, No. 5 .

1

Reactions of rare earths and allied elements with polyphenols and nitroalkanes. VII. The colorimetric determination of cerium by means of bromine and the reaction of persulfate with bromine. F. M. Shemyakin and V. A. Volkova. *J. Gen. Chem.* (U. S. S. R.) 9, 608-700 (1930); cf. *C. A.* 22, 7319¹.—The reaction between Ce (II) and bromine (II) follows the rule of Lambert-Beer. The intensity of coloration of the soln. depends on the length of time for which the soln. has been kept after its prepn. The best results are obtained when the soln. is kept for about 15-20 hrs. Ammonium persulfate (III) gives with II a coloration that is similar to that obtained with I. Ce may be, however, detd. colorimetrically by means of II if the excess of III is decompd. before the detn. The reaction between III and II may be used for the colorimetric detn. of III and II. When a soln. of II acetate is added to a cold pure soln. of III, the coloration is observed only after a few min. The color intensity increases on keeping the soln. The orange-red coloration is observed immediately when the dry soln. has been acidified with H_2SO_4 . III, in ammoniacal soln. gives a yellow coloration with II, whereas I in ammoniacal soln. gives a coloration with II only when the soln. of II has been added to an acid soln. of I to which, after the coloration has developed, there is then added ammonia. Gertrude Herend

ASB-51A DETAILING LITERATURE CLASSIFICATION

ca

2

The polymorphism of the unsaturated fat acids containing eighteen carbon atoms. O. B. Ravich, V. A. Volkova and T. N. Kur'mina. *Compt. rend. acad. sci. U. R. S. S.* 29, 88-90(1940)(in German).—As part of a study of the polymorphism of unsatd. fat acids contg. 18 C atoms, a sample of pure oleic acid was examd. by means of cooling and heating curves, and by means of protracted crystn. The effects of adding small quantities of palmitic and stearic acid were examd. by the same means. With the customary rates of cooling and heating only one crystn. point (8.9°) and only one m. p. (9.0°) were found. With an extremely small rate of cooling, 2 crystn. points (11° and 8.5°) were discovered. J. Kaye

ASS-55A METALLURGICAL LITERATURE CLASSIFICATION

GODFREY, T.I.; OLIMANOVA-MANUYEVA, G.A.; VOIKOVA, I.A.

Determination of chlorophylls by means of clock-type dial paper chromatographs. Zav. lab. 31 no.1:37-38 '65. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zashchity rasteniy.

GALANOV, I.G., otv. red.; MATLAKHOV, S.G., otv. red.; POLESIN, Ya.L., red.; BOGOMOLOV, A.I., red.; ZHELEZNYAKOVA, M.A., red.; ZHIDOVETSKIY, B.V., red.; ZIL'BERSHTEYN, I.A., red.; KANER, I.Ye., red.; KLYUYEVA, Ye.P., red.; KOZLOVA, Ye.I., red.; MAKAROV, A.D., red.; SAMARTSEV, A.I., red.; SOLOPKO, A.P., red.; TIKHONOV, V.A., red.; VOLKOVA, V.A., ved. red.

[Safety regulations in the gas industry; regulations obligatory for all ministries, departments, and organizations] Pravila bezopasnosti v gazovom khoziaistve; pravila obiazatel'ny dlia vseh ministerstv, vedomstv i organizatsii. Perer. i dop. izd. Moskva, Nedra, 1965. 143 p.

(MIRA 18:3)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyy komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru.

VINITSKIY, L.Ye., kand. tekhn. nauk; PROKOP'YEVA, V.L.; Prinimali uchastiye:
YERSHOVA, A.N.; VOLKOVA, V.A.

Rubbers for the braking systems with a base of butylnitrile and
butylstyrene rubber compound. Trudy TSNII MPS no.267:94-99 '63.
(MIRA 16:11)

GUDIMENKO, Fedor Isidorovich[Hudymenko, F.S.], dots.; PAVLYUK, Ivan
Adanovich; VOLKOVA, Valentina Aleksandrovna; BELYASHA, O.Ye.,
red.; KHOKHANOVSKAYA, T.I.[Khokhanovs'ka, T.I.], tekhn. red.

[Collection of problems on differential equations] Zbirnyk za-
dach z dyferentsial'nykh rivnian'. Za red. F.S.Hudymenka. Kyiv,
Vyd-vo Kyivs'koho univ., 1962. 166 p. (MIRA 15:9)
(Differential equations—Problems, exercises, etc.)

KIRSANINA, Ye.P.; VOLKOVA, V.A.

Some data on the distribution of Azotobacter in soils of the
Gorno-Altai Autonomous Province. Mikrobiologiya 29 no. 4:551-
554 .11-Ag '60. (MIRA 13:10)

1. Gorno-Altayskiy pedagogicheskiy institut.
(AZOTOBACTER) (GORNO-ALTAI AUTONOMOUS PROVINCE)

KIRSANINA, Ye.F.; VOLKOVA, V.A.; IZOTOVA, A.N.

Effect of trace elements on the development of Azotobacter
in the meadow Chernozem soils of the Gorno-Altai Autonomous
Province. Izv. Alt. otd. Geog. ob-va SSSR no.5:141 '65.
(MIRA 18:12)

1. Gorno-Altayskiy pedagogicheskiy institut.

VOLKOVA, V.D.

Intravenous use of morphine in combination with local anesthesia.
Trudy 1-go MMI 3:148-153 '57. (MIRA 14:5)
(MORPHINE) (LOCAL ANESTHESIA)

USSR/Human and Animal Physiology - (Normal and Pathological). T
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 4, 1959, 17960

Author : Volkova, V.D.

Inst :

Title : On Correcting Influence of Environment in Formation of
Conditioned Reflexes to Some Verbal Stimuli

Orig Pub : Zh. vyssh. nervn. deyat-sti, 1957, 7, No 4, 525-533

Abstract : In 4 children of 12-15 years, on alimentary reinforcement
motor and secretory conditioned reflexes (CR) to the word
"correct" and differentiation to the word "error" were
worked out. After stabilization of CR the utterance of
any new phrase which corresponded to reality - conditions
of the situation, "from your place" induced CR; the ut-
terance of a nonsense phrase inhibited CR. -- M.I.
Lisina

Card 1/1

-103 -

VOLKOVA, V.G.

Use of a photographic camera for obtaining quantitative data on
the structure of steppe vegetation. Bot. zhur. 50 no.12:1711-1714
D '65. (MIRA 19:2)

1. Institut geografii Sibiri i Dal'nego Vostoka Sibirskogo
otdeleniya AN SSSR, Irkutsk.

USSR / Soil Science. Fertilizers. Organic Fertilizers. J

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6094.

Author : Volkova, V.-I.

Inst : Karelian Affiliate AS USSR.

Title : Procedures for Mechanized Preparations of Biologically Active Peat Fertilizers in the Stratum.

Orig Pub: Tr. Karel'sk. fil. AN SSSR, 1957 (1958), vyp. 9, 117-133.

Abstract: In experiments carried out in Karelia, it was established that the use of untreated peats as fertilizers results in an insignificant increment of the crop even in the year of application into the soil. The low biological activity of the majority of peat soils leads to retarded mineralization of organic matter, the result being that N and P cannot be transferred in sufficient amounts

Card 1/3

USSR / Soil Science. Fertilizers. Organic Fertilizers. J

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6094.

Abstract: (in a 1 : 1 ratio) in the amount of 60 tons per hectare or preparation AMB in the amount of one ton per hectare. The fertilizers were distributed by means of a BDT-2,2 disk cultivator in 2-3 furrows. The peat fertilizers prepared in the stratum were tested the following year on medium tilled peat-podzolic light-argillaceous soil using a turnip plant (according to the stratum of perennial grasses). Peat-type fertilizers surpassed manure in their fertilizing action. The absolute crop increase of the turnip amounted to 156-178 centners per hectare. Mentioned is also the high after-effects of peat-type fertilizers on barley.

-- L. D. Stonov.

Card 3/3

VOLKOVA, V.I.

Mechanized preparation of biologically active peat in sod. Trudy
Kar. fil. AN SSSR no.9:117-133 '57. (MIRA 12:1)
(Peat)

SIMANOVSKAYA, R.M.; rukovoditel' raboty; SHPUNT, S.Ya.; VODZINSKAYA, Z.V.;
KOKINA, Z.I.; PSTUKHOVA, M.G.; MAYDENOVA, V.A.; VAS'YANOV, V.P.;
VASIL'YEV, H.P., master; ORLOV, H.N., starshiy apparatchik;
NAUMOV, P.M., starshiy apparatchik; TRUPIN, M.P., starshiy apparatchik;
VOLKOVA, V.M., starshiy apparatchik; ZORINA, Ye.A.; KIROVA, V.A.;
LUTOVA, Z.I., ZENKINA, Z.P., laborant; SEMOKHINA, L.A., laborant;
NIKITINA, N.A.

Phosphogypsum and its use in the manufacture of sulfuric acid and
portland cement; small-scale operation at the pilot plant of the
Scientific Research Institute of Fertilizers and Insectifuges.
[Trudy] NIUIF no.160:59-76 '58. (MIRA 12:8)

1. Sotrudniki Nauchnogo instituta po udobreniyam i insektofungisidam
(for Simanovskaya, Shpunt, Vodzinskaya, Kokina, Pastukhova,
Maydenova). 2. Zamestitel' nachal'nika 3-go tsekha Opytnogo zavoda
Nauchnogo instituta po udobreniyam i insektofungisidam (for Vas'yanov).
3. 3-y tsekh Opytnogo zavoda Nauchnogo instituta po udobreniyam i
insektofungisidam (for Vasil'yev, Orlov, Naumov, Trupin, Volkova,
Zorina, Kirova, Lutova, Zenkina, Samokhina). 4. Tsentral'naya
analiticheskaya laboratoriya Opytnogo zavoda Nauchnogo instituta po
udobreniyam i insektofungisidam (for Nikitina).
(Gypsum) (Portland cement) (Sulfuric acid)

VOLKOVA, V. V., Candidate of Med Sci (diss) -- "Muscular atrophy, its pathogenic connection with contractures, and the struggle against it". Odessa, 1959.
14 pp (Odessa State Med Inst im N. I. Pirogov), 250 copies (KL, No 20, 1959, 115)

VOLKOVA, V.D.

Frequently recurring retroperitoneal fibroma. Khirurgiya
(MIRA 11:4)
Supplement:17-18 '57.

1. Iz fakul'tetskoy khirurgicheskoy kliniki sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta.
(GENERATIVE ORGANS, FEMALE--TUMORS)

KHANANASHVILI, M.M.; VOLKOVA, V.D.

Method for the long-term implantation of cannulae into the brain
of animals. Fiziol.zhur. 48 no.6:762-764 Je '62. (MIRA 15:8)

1. Fiziologicheskiy otdel imeni I.P.Pavlova Instituta eksperimental' -
noy meditsiny, Leningrad. (BRAIN--SURGERY)

VOLKOVA, V.D.

VOLKOVA, V.D.

Corrective effects of the environment in the formation of conditioned reflexes to some verbal stimuli [with summary in English]. Zhur.vys. nerv.deiat. 7 no.4:525-533 J1-Ag '57. (MIRA 10:12)

1. Otdel vozrastnoy fiziologii i patologii vysshey nervnoy deyatel'nosti cheloveka, Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad.

(REFLEX, CONDITIONED,

to verbal stimuli in child., corrective eff. of environment (Rus))

(ENVIRONMENT, effects, corrective role in form. of conditioned reflexes to verbal stimuli in child. (Rus))

VOLKOVA, V.D.

Certain peculiarities of formation of conditioned reflexes to oral stimuli in children. Fiziol. zh. SSSR 39 no.5:540-548 Sept-Oct 1953.
(GIML 25:4)

1. Department of the Physiology and Pathophysiology of Higher Nervous Activity, Institute of Experimental Medicine of the Academy of Medical Sciences USSR, Leningrad.

VOLKOVA, V.D.; KHANANASHVILI, M.M.

Some data on the effect of aminazine on complex conditioned reflex activity of animals following its direct introduction into different segments of the brain. Biul. eksp. biol. i med. 54 no.9:65-68 S '62. (MIRA 17:9)

1. Iz fiziologicheskogo otdela imeni Pavlova (zav.- deystvitel'nyy chlen AMN SSSR P.S. Kupalov) Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad. Predstavleno deystvitel'nyy chlenom AMN SSSR P.S. Kupalovym.

VOIKOVA, V.D.

Certain characteristics of the formation of conditioned reflexes upon speech stimuli in children. Fiziol.zhur. 39 no.5:540-548 8-0 '53. (MIRA 6:10)

1. Otdel vozrastnoy fiziologii vysshey nervnoy deyatel'nosti Instituta eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR, Leningrad.
(Conditioned response) (Speech)