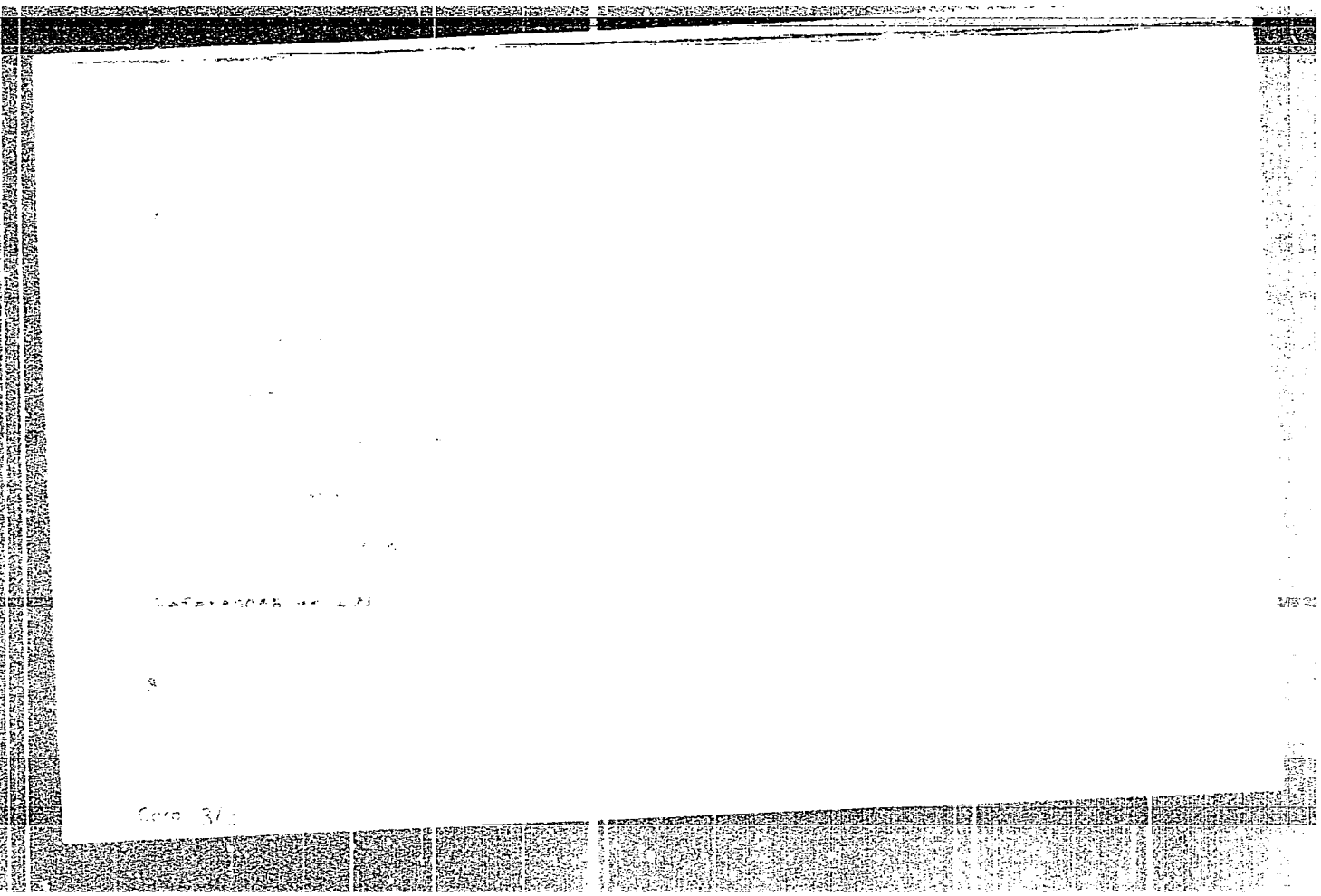


YUDAYEV, N.A.; PANKOV, Yu.A.

Some aspects of the biosynthesis of steroid hormones in the adrenal cortex. Vest. AMN SSSR 20 no.10:13-24 '65. (MIRA 18:10)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.

YUDAYEV, N.A.; PANKOV, Yu.A.

Incorporation of radioactive pregnenolone and progesterone into corticosteroids by hog adrenal homogenates. Vop. med. khim. 9 no.5:507-514 S-O '63. (MIRA 17:1)

1. Laboratoriya biokhimii gormonov i gormonal'noy regulyatsii protsessov obmena Instituta biologicheskoy i meditsinskoy khimii AMN SSSR, Moskva.

PANKOV, Yuriy Vasil'yevich; MESHKOVSKAYA, M., red.; KUZNETSOVA, A., tekhn. red.

[Mechanization of conveying operations in an enterprise] Mekhanizatsiia perevozki gruzov na predpriiatii. Moskva, Moskovskii rabochii, 1962. 41 p. (MIRA 17:2)

PANKOV, Ye.V. (Sverdlovsk); KRYUKOV, V.N., dotsent (Sverdlovsk); TIMOSHKOV, V.M., kand. tekhn. nauk (Sverdlovsk)

Highly productive operations of a classification yard. Zhel. dor. transp. 47 no.5:18-22 My '65. (MIRA 18:6)

1. Glavnyy inzh. stantsii Sverdlovsk-Sortirovochnyy (for Pankov).

AGAFONOV, Vladimir Andreyevich [deceased]; YERMILOV, Valentin Georgiyevich; PAIKOV, Yevgeniy Vasil'yevich; VASIL'YEV, V.K., doktor tekhn. nauk, prof., retsenzent; KUTATELADZE, S.S., doktor tekhn. nauk, prof., retsenzent; SERDYUKOV, S.A., nauchn. red.; SMIRNOV, Yu.I., red.; CHISTYAKOVA, R.K., tekhn. red.

[Marine condenser plants] Sudovye kondensatsionnye ustanovki. Leningrad, Sudpromgiz, 1963. 489 p. (MIRA 16:12)
(Marine engineering) (Condensers (Stem))

PANKOV, Ye.Ya.; SKOBLIN, A.P. (Khar'kov)

Reviews. Ortop. travm. i protez. 26 no.6:83-84 Je '65.
(MIRA 18:8)

PANKOV, Ye. Ya., Cand Med Sci -- (diss) "Nerves and arteries of the thymus in man and in certain animals." Khar'kov, 1960. 12 pp; (Khar'kov Medical Inst); 200 copies; free; (KL, 25-60, 139)

GORDIYENKO, V.M., kand. med. nauk; PANKOV, Ye.Ya.

Konstantin Feliksovich Elenevskii (1864-1942); on the 100th anniversary of his birth. Ortop., travm. i protez. 26 no.1: 83-85 Ja '65. (MIRA 18:5)

1. Iz Ukrainskogo instituta ortopedii i travmatologii imeni M.I. Sitenko (dir. - chlen-korrespondent AMN SSSR prof. N.P. Novachenko). Adres avtorov: Khar'kov 24, Pushkinskaya ul., d.80, Institut ortopedii i travmatologii.

L 02326-67

ACC NR: AR6023338 (A,N) SOURCE CODE: UR/0299/66/000/003/M032/M032

AUTHOR: Pankov, Ye. Ya.; Golubenko, A. L.

TITLE: Morphological changes in a homotransplant with deep freezing

SOURCE: Ref zh. Biol, Part II, Abs. 3M196

REF SOURCE: Sb. Aktual'n. vopr. kliniki i lecheniya ortopedo-travmatol. bol'nykh. Kiyev, Zdorov'ya, 1965, 270-273

TOPIC TAGS: tissue transplant, bone, freezing, morphology

ABSTRACT: Bone from cadavers frozen at -70° and stored at -30° was investigated histomorphologically in 3 to 7 days, 2 to 4 weeks, and in 2 to 7 mos. In 3 mos the bone surface became rough, and in 7 mos the bone acquired a brownish color, cracks appeared, and the odor changed. In 3 mos the osteocytes started to lose their staining properties in the area of the intercalary laminae; then the empty matrices of the osteocytes formed diffuse fields with small groups of staining osteocytes remaining intact near young osteons and the subperiosteal zone. In 3 to 4 weeks nonuniform staining was observed in various osteons, the intercalary zones, and periosteal areas; this gave the preparations a spotty appearance and was most clearly seen in 3 to 4 mos. Staining for

Card 1/2 UDC: 577.99

L 02326-67

ACC NR: AR6023338

sulfated mucopolysaccharides revealed their absence in a free state at all periods of bone storage; they were clearly determined only in the cartilage. Endosteal and periosteal cells preserved their uniform staining capacity for a prolonged period and did not undergo deformation. In 5 to 7 mos in place of the endosteal cells, homogenous cell shadows with poorly differentiated nuclei were found; the periosteal cells stained more clearly. N. S. [Translation of abstract].

SUB CODE: 06

Card 2/2

PANKOV, Yu.A.

Method of determining 17-oxycorticosteroids in peripheral blood plasma. Sovr. metod. v biokhim. 1:341-346 '64.
(MIRA 18:5)

YUDAYEV, N.A.; PANKOV, Yu.A.

Biosynthesis of 17-hydroxy- and 17-deoxycorticosteroids by the homogenates of the pig adrenal cortex from 4-C^{14}-progesterone, 21-C^{14}-pregnenolone and 4-C^{14}-pregnenolone. Biokhimiia 29 no.4:707-715 Jl-Ag '64.

(MIRA 18:6)

1. Institut biologicheskiy i meditsinskoy khimii AMN SSSR, Moskva.

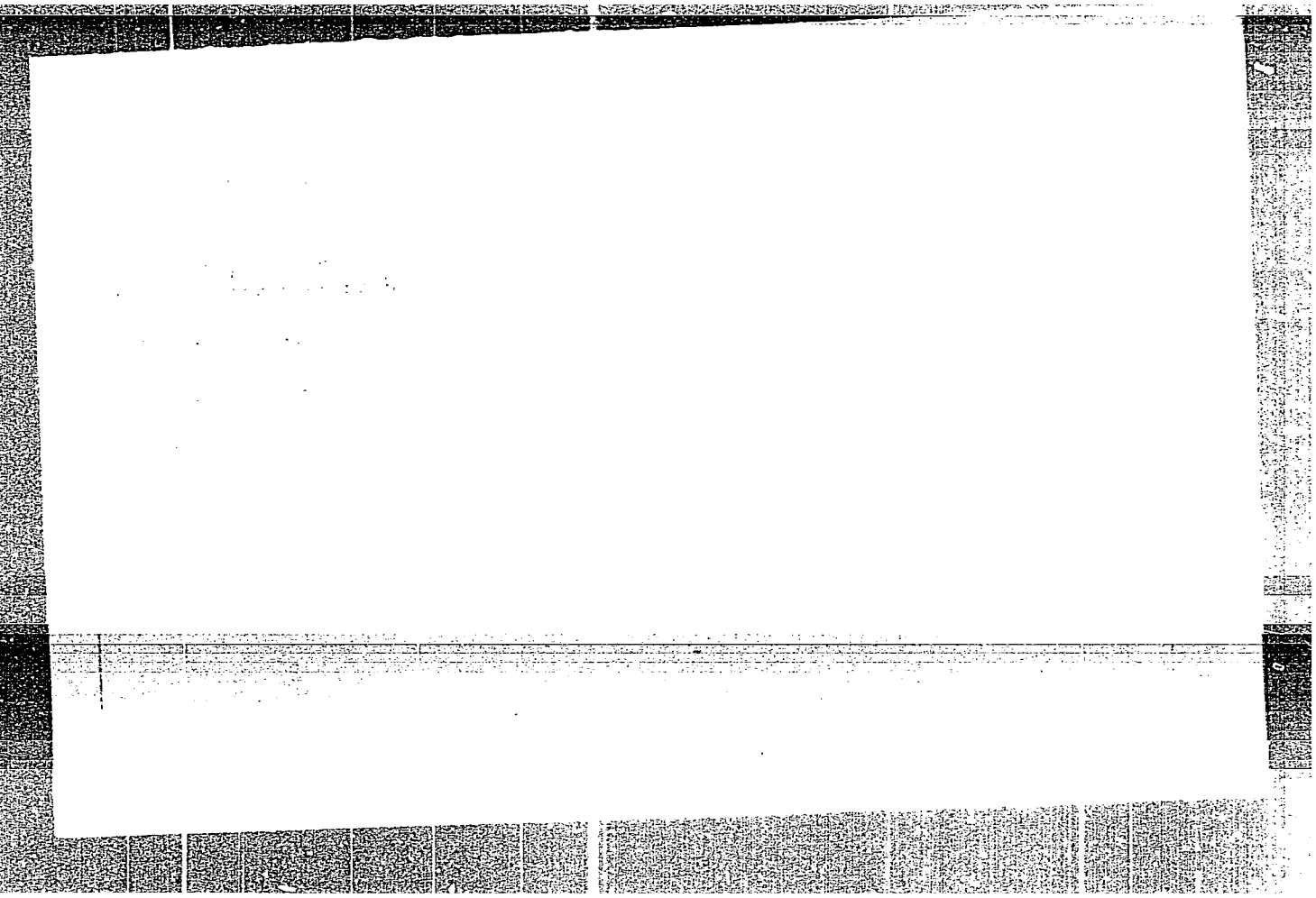
PAN'KOV, Yu.A.; GOLUB, O.P.

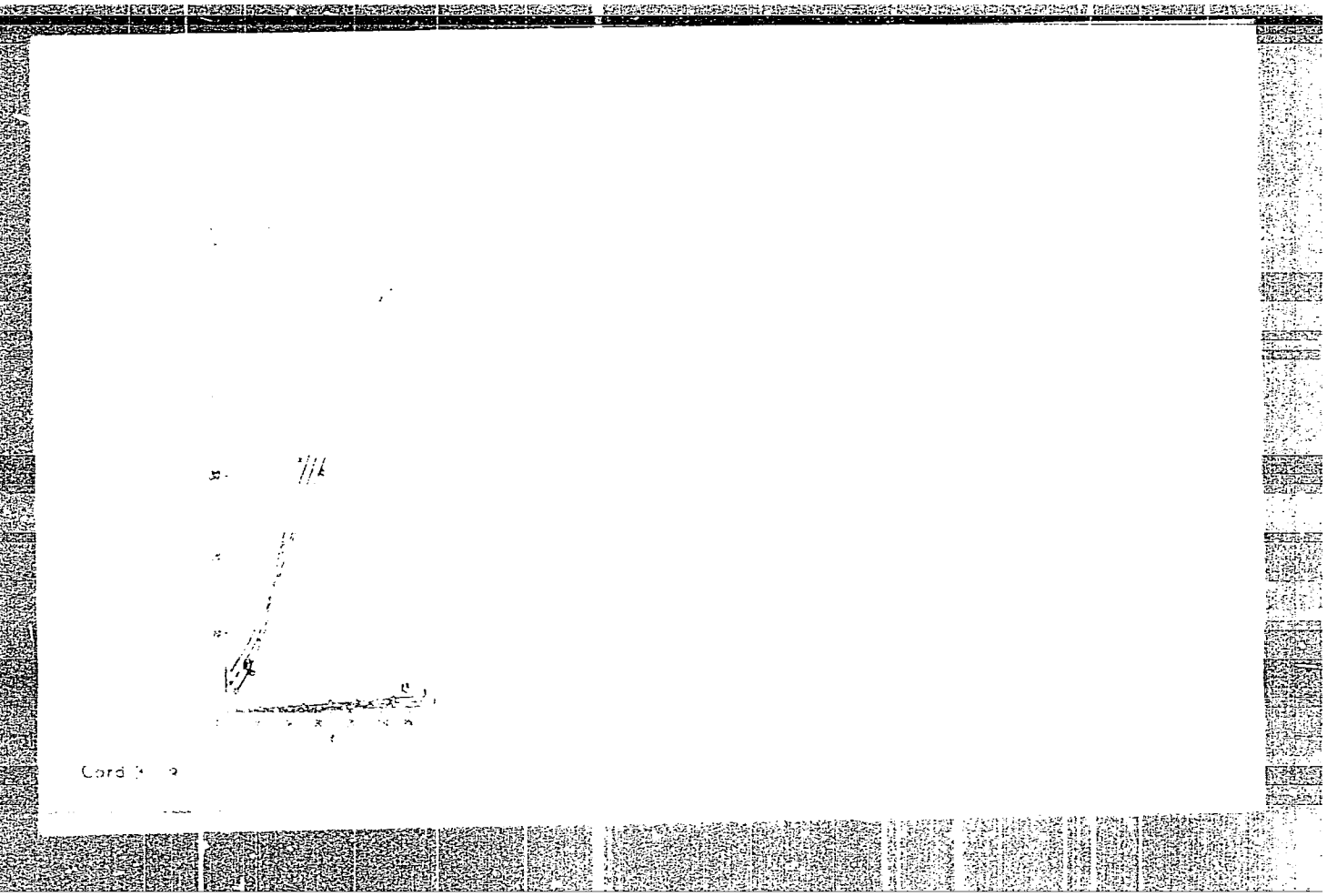
Protecting titanium alloys from high temperature gas corrosion.
Izv. vys. ucheb. zav.; chern. met. 8 no.2:118-124 '65.
(MIRA 18:2)

1. Ukrainskiy zaochnyy politekhnicheskiy institut i Khar'kovskiy inzhenerno-ekonomicheskiy institut.

PAN'KOV, Yu. A. Cand Chem Sci — (diss) "Protection against oxidation and decarbonization in the annealing of steel." Khar'kov, 1960, 17 pp, (Min Higher and Secondary Specialized Education UkSSR. Khar'kov Order of Labor Red Banner State Univ im A. M. Gor'kiy), 150 copies, (KL, 31-60, 140)

mm F. Protection of titanium alloys against high-temperature gas corrosion





PANKOV, Yu.A. (Moskva)

Some data on changes in adrenal cortex function in animals during the development of stress. Probl. endok. i gorm. 9 no.6:3-6 N-D '63. (MIRA 17:11)

1. Iz laboratorii biokhimii gormonov i gormonal'noy regulyatsii biokhimicheskikh protsessov (zav. - prof. N.A. Yudayev) Instituta biologicheskoy i meditsinskoy khimii (dir. - prof. V.N. Orekhovich) AMN SSSR.

PANKOV, Yu.A. (Moskva)

Chemistry of ACTH and the regulatory mechanism of its secretion.
Usp.sovr.biol. 47 no.3:347-361 My-Je '59. (MIRA 12:10)
(ACTH
chemistry & secretion, regulation, review (Rus))

AFINOGENOVA, S.A.; DRUZHININA, K.V.; PANKOV, Yu.A.; RAZINA, L.G.; KREKHOVA, M.A.

Conference on the biochemistry of corticosteroids and their use in clinical practice. Vop.med.khim. 5 no.5:393-397 S-O '59.
(MIRA 13:2)

(STEROIDS)

PANKOV, Yu.A.

Reaction of intact and denervated adrenals in dogs to certain stimulating substances. Probl. endok. i gorm. 7 no.1:11-16 '61. (MIRA 14:3)

(ADRENAL CORTEX)

PAN'KOV, Yu.A., inzh.

Protection of steel from oxidation and decarburization. Izv.vys. ucheb.zav.; chern.met. no.8:61-69 Ag '58. (MIRA 11:11)

1. Khar'kovskiy ekonomicheskiy institut.
(Steel--Metallurgy) (Slag)

PANKOV, Yu. A.

YUDAYEV, N.A., PANKOV, Yu.A.

Modification of Silber and Porter's method for determining 17-hydroxycorticosteroids in peripheral blood. Probl.endok. i gorm. 4 no.2:35-42 Mr-Ap '58 (MIRA 11:5)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh protsessov (zav. - prof. N.A. Yudayev) Instituta biokhimicheskoy i meditsinskoy khimii (dir. - prof. V.N. Orekhovich) AMN SSSR.
(ADRENAL CORTEX HORMONES, in blood
17-hydroxycorticosteroids in peripheral blood, modified determ. method (Rus))

AFIGENOVA, S.A.; DRUZHININA, K.V.; KREKHOVA, M.A., PANKOV, Yu.A., RODINA, A.I. YUDAYEV, N.A. (Moskva)

Biosynthesis of corticosteroids by adrenal sections of various animals. [with summary in English]. Probl.endok., i gorm. 4 no.3:3-11 My-Je '58 (MIRA 11:8)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh protsessor (zav. - prof. N.A. Yudayev) Instituta biologicheskoy i meditsinskoy khimii AMN SSSR (dir. prof. V.N. Orekhovich).

(ADRENAL CORTEX HORMONES, metabolism
synthesis in adrenal slices of various animals (Rus))

Pankov, Yu. A.

17 Methods of determination of corticosteroids in adrenals and blood passing through them. N. A. Yudaev, Yu. A. Pankov, and K. V. Druzhinina (Inst. Biol. and Med. Chem., Moscow). *Problemy Endokrinol. i Gormonoterapii* 2, No. 3, 100–9(1956).—A method is described in great detail for isolation, purification, and quant. assay and identification of individual corticosteroids of adrenals and blood passing through them. The method requires 10–20 ml. of blood and 70–150 mg. of adrenal tissue. It was possible by this method to isolate, identify, and assay 17-corticosterone, aldosterone, cortisone, corticosterone, and 17-oxy-11-deoxycorticosterone.

J. A. Stekol

YUDAYEV, N.A.; PANKOV, Yu.A.

Biosynthesis of corticosteroids in vitro with normal and denervated adrenal glands of dogs. Probl.endok.i gorm. 7 no.2:18-23 '61. (MIRA 14:5)
(ADRENOCORTICAL HORMONES) (PROGESTERONE) (ACTH)

PANKOV, Yu.A. (Moskva)

Some data on the influence of the higher nervous activity on the adr nal cortex. Probl.endok.i gorm. 7 no.3:3-9 '61.
(MIRA 14:9)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh protsessov (zav. - prof. N.A. Yudayev) Instituta biologicheskoy i meditsinskoy khimii (dir. - prof. V.N. Orekhovich) AMN SSSR.

(ADRENAL CORTEX) (NERVOUS SYSTEM)

PAN'KOV, Yu.A.

Penicillin ointment in the treatment of infectious keratoconjunctivitis in sheep. Veterinariia 32 no.12:36 D '55. (MLRA 9:4)

1.Glavnyy veterinarnyy vrach Kuznorskogo rayona Udmurtskoy ASSR.
(SHEEP--DISEASES) (EYE--DISEASES) (PENICILIN)

YUDAYEV, N.A.; PANKOV, Yu.A.; SURIKOVA, N.P. [deceased] (Moskva)

Effect of cold and of aseptic inflammation on adrenocortical secretion in rabbits. Probl.endok. i gorm. 3 no.1:20-24 Ja-F '57. (MLRA 10:6)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh protsessov (zav. - prof. N.A.Yudayev) Instituta biologicheskoy i meditsinskoy khimii (dir. - prof. V.N.Orekhovich) Akademii meditsinskikh nauk SSSR.

(ADRENAL CORTEX HORMONES, physiology,
secretion, eff. of cold & aseptic inflamm. in rabbits (Rus))
(COLD, effects,
on adrenal cortex hormone secretion in rabbits (Rus))
(INFLAMMATION, experimental,
eff. of aseptic inflamm. on secretion of corticosteroids in rabbits (Rus))

PANKOV, Yu.A. (Moskva)

Corticosteroids secreted by the adrenal into the blood in rabbit [with summary in English, p.124]. Probl.endok. i gorm. 3 no.1: 31-34 Ja-F '57. (MLRA 10:6)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh protsessov (zav. - prof. N.A.Yudayev) Instituta biologicheskoy i meditsinskoy khimii (dir. - prof. V.N.Orekhovich) Akademii meditsinskikh nauk SSSR.

(ADRENAL CORTEX HORMONES, in blood,
in rabbits (Rus))

USSR / Human and Animal Physiology. Internal Secretion, Adrenals. T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70394

Author : Yudayev, N. A.; Pankov, Yu. A.; Surikova, N. P.
Inst : Not given
Title : Changes in the Secretion of the Adrenal Cortex in Rabbits under the Influence of Cold and Aseptic Inflammation

Orig Pub : Probl. Endokrinol. i Gormonoterapii, 1957, Vol 3, No 1, 20-24

Abstract : In male rabbits weighing 2.5-3.5 kg, kept every other day at a temperature of -8 to -12 degrees C. (duration of the experiment was 11-36 days), the content of hydrocortisone (I) in the blood increased from 36.1 to 163 gamma percent, while in rabbits with experimentally induced inflammation after 1-7 injections of 0.2-1 ml/kg of turpentine, the I increased to 200.3 gamma percent. The content of corticosterone (II) did not change (the values

Card 1/2

USSR / Human and Animal Physiology. Internal Secretion, Adrenals. T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70401

Author : Pankov, Yu. A.
Inst : Not given
Title : Corticosteroids Secreted by the Rabbit Adrenal into the Blood

Orig Pub : Probl. Endokrinol. i Gormonoterapii, 1957, Vol 3, No 1, 31-34

Abstract : In the blood flowing from the adrenals (but not in the artorial blood nor in the blood taken from the inferior vena cava below the point at which the renal veins enter), seven corticosteroids were detected. Of these, identification was made of hydrocortisone, aldosterone, and corticosterone. Provisional identification was made of 19-oxy-11-desoxycorticosterone. The other corticosteroids could not be identified.

Card 1/1

YUDAYEV, N.A. (Moskva); PANKOV, Yu.A. (Moskva); DRUZHININA, K.V. (Moskva)

Method for determining corticosteroids in the adrenal glands and in blood learing them. Probl. endok. i gorm. 2 no.3:100-109 My-Je '56. (MIRA 9:10)

1. Iz laboratorii nervnoy i gormonal'noy regulyatsii biokhimicheskikh protsessov (zav. - prof. N.A.Yudayev) Instituta biologicheskoy i meditsinskoy khimii AMN SSSR (dir. prof. V.N.Orekhovich)

(ADRENAL GLANDS, hormones
determ. in adrenal glands & blood method)
(BLOOD
adrenal cortex hormones, determ. method)

37717
S/139/62/000/002/012/028
E114/E435

6.4200

AUTHORS: Vodop'yanov, K.A., Pankov, Yu.D., Korobov, A.I.

TITLE: Measurement of the dielectric constant and loss angle in rigid foam at high frequency

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Fizika. no.2, 1962, 80-82

TEXT: Rigid foams used presently in radio-communication apparatus have dielectric constant nearly equal to unity and a small loss angle. This makes it difficult to measure their characteristics at frequencies as high as 300 megacycles. The authors evolved an improved variant of the resonance method for measurements at frequencies 270 to 330 megacycles by using variable resistance. A high frequency signal generator was fed from a stabilized voltage source and connected to a measuring circuit comprising a remote controlled capacitor made of circular discs in air with vernier adjustment, and a thick silvered tube. The galvanometer was connected through a high frequency detector to a loop weakly coupled inductively with the measuring circuit. The measuring circuit had provision for shunting the capacitor by a non-

Card 1/3

Measurement of the dielectric ...

inductive resistance made of nichrome and copper wire. The generator frequency was adjusted for resonance with the sample clamped between capacitor plates. While frequency was held constant, the capacitor was adjusted to achieve resonance without the sample in circuit. The dielectric constant of the material was determined from the ratio of thickness of the material to the distance between the capacitor discs in air at resonance. The tangent of the loss angle was calculated as a product of frequency, capacitance of the sample and of its equivalent resistance. The equivalent resistance was determined by measuring current in the circuit at resonance with and without the sample, and thirdly with the calibrated non-inductive resistance in the circuit. Assuming that loss current through the dielectric is very small and choosing such value of the resistance that the difference between currents in the circuit, with and without the resistance, is also small a simplified calculation is possible. Results are shown of measurements at 300 megacycles on polystyrene and polyurethane foams with different foaming agents. The method was proved to be good for measurements at 300 megacycles and more,

Card 2/3

Measurement of the dielectric ... S/139/62/000/002/012/028
E114/E435

with an accuracy of 10% in the tangent of the loss angle and 0.4% in the dielectric constant. There are 3 tables.

ASSOCIATION: Issledovatel'skiy fiziko-tekhnicheskiy institut pri Gor'kovskom gosuniversitete imeni N.I.Lobachevskogo (Physicotechnical Research Institute at Gor'kiy State University imeni N.I.Lobachevskiy)

SUBMITTED: February 6, 1961

Card 3/3

VODOP'YANOV, K.A.; PANKOV, Yu.D.; KOROBOV, A.I.

High frequency measurement of the dielectric permittivity and loss angle in foamed plastics. Izv.vys.ucheb.zav.;fiz. 2:80-82 '62. (MIRA 15:7)

1. Issledovatel'skiy fiziko-tekhnicheskiy institut pri Gor'kovskom gosudarstvennom universitete imeni Lobachevskogo.
(Plastic foams--Electric properties)

L 09308-67 EWT(1)/EWT(m)/EWP(e) IJP(c) GG/WH

ACC NR: AP6023412 SOURCE CODE: UR/0139/66/000/003/0044/0049

AUTHOR: Pankov, Yu. D.

ORG: Gor'kiy Research Physicotechnical Institute at the Gor'kiy State University im. N. I. Lobachevskiy (Gor'kovskiy issledovatel'skiy fiziko-tekhnicheskiy institut pri Gor'kovskom gosuniversitete)

TITLE: Concerning the dispersion of the dielectric constant of an inhomogeneous dielectric

SOURCE: IVUZ. Fizika, no. 3, 1966, 44-49

TOPIC TAGS: dielectric constant, electric capacitor, electric conductivity, dielectric loss, dielectric material, manganese compound

ABSTRACT: The purpose of the investigation was to determine the effect produced on the dielectric constant of a substance by evenly distributing inhomogeneities. A one-dimensional model of the capacitor is considered, with a continuous distribution of the dielectric constant and of the specific conductivity over the thickness. It is assumed that the applied electric field is much smaller than the fields due to the inhomogeneity of the sample, and causes no essential change in the dielectric constant or the electric conductivity. The continuity equation is written for such a model and used to derive expressions for the dielectric constant and the loss-angle tangent of the inhomogeneous dielectric. The case of the dielectric with exponential distribution of the electric conductivity over the thickness of the sample is presented as an

Card 1/2

L 09368-67

ACC NR: AP6023412

example of the calculations, and it is shown that this case agrees well with experimental results obtained for films based on manganese oxide. The frequency dependence of the effect is discussed and it is pointed out that the frequency dependence of dielectric characteristics can yield information both on the degree of the inhomogeneity and on the inhomogeneity distribution, making it possible to use this method to investigate inhomogeneities in a solid. The author thanks I. A. Karpovich for interest in the work. Orig. art. has: 5 figures, 20 formulas, and 1 table.

SUB CODE: 20, 09/ SUBM DATE: 09Jul64/ ORIG REF: 002/ OTH REF: 006

Card 2/2

PANKOV, Yu.P.

Experimental investigation of an independent torsional spring suspension. Avt. prom. 29 no.7:15-18 Jl '63. (MIRA 16:8)

1. Bryanskiy zavod dorozhnykh mashin.
(Motor vehicles—Springs)

PANKOV, Yu.P.

Using electronic computers in determining optimum structural parameters of a torsional-spring suspension and investigating trailer vibrations. Avt. prom. 31 no.1:16-19 Ja '64. (MIRA 18:3)

1. Bryanskiy zavod dorozhnykh mashin.

USSR / Soil Science. Fertilizers. Organic Fertilizers. J

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6090.

Author : Pan'kov, Yu. V.
Inst : Not given.
Title : The Proper Utilization of Fertilizers by Light Chestnut Soils of the Buryat-Mongol Autonomous Socialist Republic.

Orig Pub: V. sb.: Materialy po izuch. proizvodit. sil Buryat-Mong. ASSR. Vyp. 3, Ulan-Udo, 1957, 511-514.

Abstract: Experiments carried out for many years by the Onokhoyskaya Selective Station showed the high effectiveness of manure when applied to the fallow under grain plants. The increase of the wheat crop from half-rotted manure under summer double plowing amounted to 40%, from fresh manure it amounted to 48%, and from the joint application of manure and mineral fertilizers the increase amounted to 53% in comparison with the crop grown on an unfertilized fallow. The manure placed on the fallow has also a beneficial effect on subsequent plants. Studied also was the effectiveness of the compost prepared from ordinary manure and an admixture of 2-3% of P. This compost, according to its effectiveness, yields little to manure introduced in a double dose. Nitrogen and Phosphorus containing fertilizers have a fundamental significance for the raising of grain crops on light chestnut soils. Potassium fertilizers do not raise the crop of grain plants, but they should be utilized under vegetables, potato plants, tobacco plants, and

Card 1/3

30

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001

USSR / Soil Science. Fertilizers. Organic Fertilizers.

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6090.

Abstract: ure it amounted to 48%, and from the joint application of manure and mineral fertilizers the increase amounted to 53% in comparison with the crop grown on an unfertilized fallow. The manure placed on the fallow has also a beneficial effect on subsequent plants. Studied also was the effectiveness of the compost prepared from ordinary manure and an admixture of 2-3% of P. This compost, according to its effectiveness, yields little to manure introduced in a double dose. Nitrogen and Phosphorus containing fertilizers have a fundamental significance for the raising of grain crops on light chestnut soils. Potassium fertilizers do not raise the crop of grain plants, but they should be utilized under vegetables, potato plants, tobacco plants, and

USSR / Soil Science. Fertilizers. Organic fertilizers.

Abs Jour: Ref Zhur-Biol., No 2, 1959, 6090.

Abstract: feed roots. Under conditions of the Buryat-Mongol Autonomous Socialist Soviet Republic, the greatest effect is given by mineral fertilizers applied to the fallow under summer treatment, in comparison with their introduction in the spring under pre-sowing treatment of the soil (in view of the arid spring). -- L. D. Stonov.

Card 3/3

PAN'KOV Yu. V.

J

USSR/Soil Science - Mineral Fertilizers.

Abs Jour : Ref Zhur Biol., No 22, 1958, 100062

Author : Pan'kov, Yu.V.

Inst : Buryat-Mongolian State Agricultural Station.

Title : Results of the Experiments with Fertilizers on the Bogey Soils of the Experimental Station.

Orig Pub : Tr. Buryat-Mong. gos. s.-kh. opytn. st., 1957, vyp. 2, 45-54

Abstract : Since 1949, investigations, conducted in years of various moistures on the underproductive chestnut soils of Buryat-Mongolia, indicated that the largest addition to the wheat harvest is obtained by the use of mineral fertilizers (NP 13% - 19%) and NPK (16 - 18%), and the largest addition to the buckwheat harvest, by the use of N (35%) and of Humus (20%). Potassium

Card 1/2

PAN'KOV, Yu.V., starshiy nauchnyy sotrudnik

Fallowing in the Buryat A.S.S.R. Zemledelie 8 no.6:85-87 Je'60.
(MIRA 13:10)

1. Buryatskaya gosudarstvennaya sel'skokhozyaystvennaya opytnaya stantsiya.

(Buryat-Mongolia--Fallowing)

PANKOVA, A.;SEBEK, V., doc.

Therapy of juvenile bleeding. Cesk. gyn. 25[39] no.1/2:65-69 Mr '60.

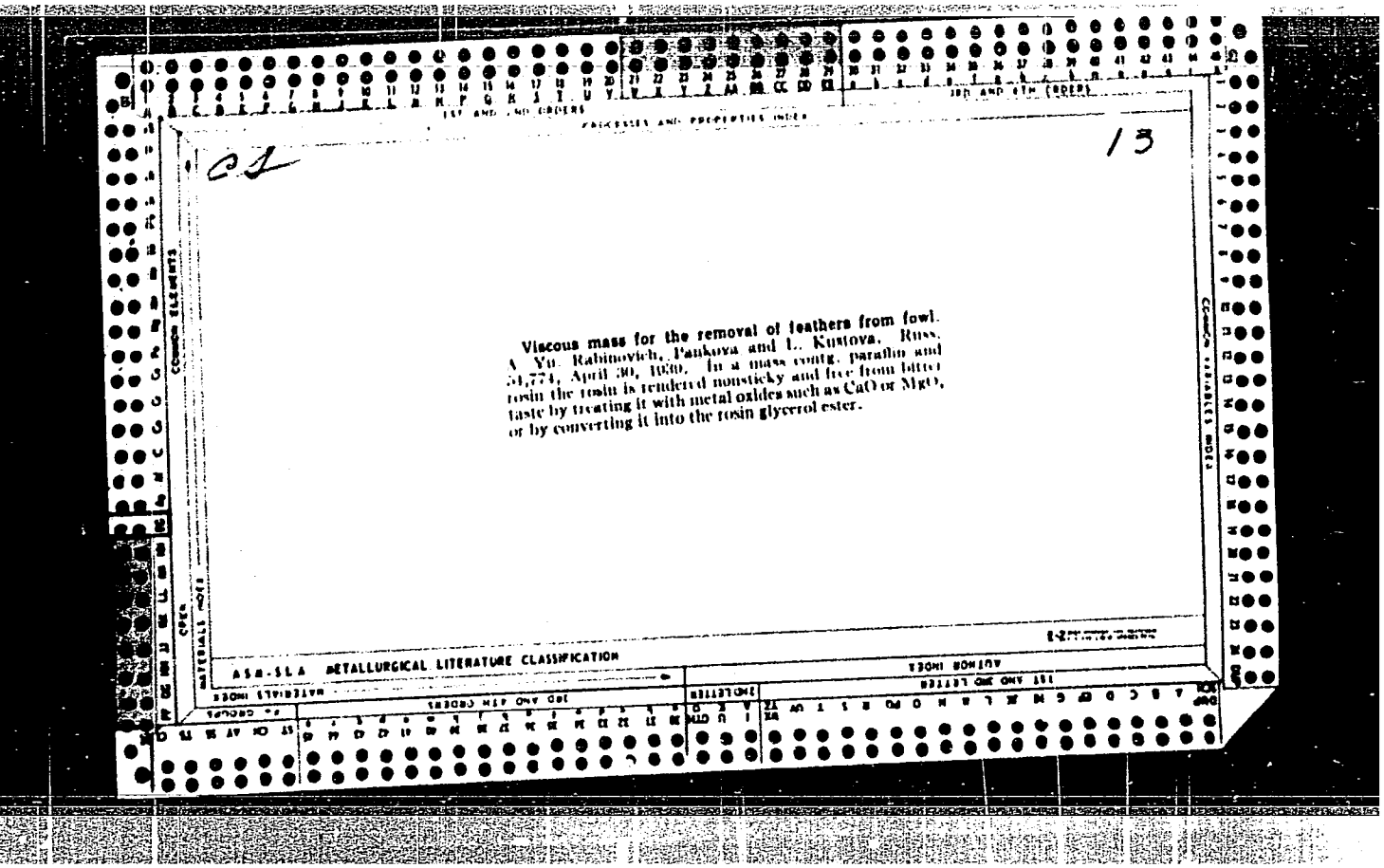
1. Gyn.-por odd. v Praze-Motole, prednosta doc. MUDr. V Sebek.
(PUBERTY compl.)
(MENORRHAGIA AND METRORRHAGIA in adolescence)

CZECH, TUB. : Melochm. prom-st', 1958, No 5, 42-43

ABSTRACT : No abstract.

Card: 1/1

35



Viscous mass for the removal of feathers from fowl. A. Yu. Rabinovich, Pankova and L. Kustova. Russ. 54,774, April 30, 1939. In a mass contg. paraffin and rosin the rosin is rendered nonsticky and free from bitter taste by treating it with metal oxides such as CaO or MgO, or by converting it into the rosin glycerol ester.

VASIL'YEV, V.K.; PANKOVA, A.A.

Result of a study of dihydrostreptomycin paraaminosalicylate activity in vitro and in vivo. Antibiotiki 6 no.5:390-392 My '61. (MIRA 14:7)

1. Otdeleniye eksperimental'noy patologii i terapii (zav. V.F. Chernyshev) Instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR.

(SALICYLIC ACID) (STREPTOMYCIN)

L 3150-66 EWT(1)/T/EED(b)-3 IJP(c)

ACCESSION NR: AP5016054 UR/0368/65/002/005/0475/0478

771.533

AUTHORS: Kalinkina, T. A.; Oshurkova, A. N.; Pankova, A. A.; Uvarova, V. M.; Chistova, G. I.; Shpol'skiy, M. R.

TITLE: NIKFI photographic materials for spectral analysis in the ultraviolet region of the spectrum

SOURCE: Zhurnal prikladnoy spektroskopii, v. 2, no. 5, 1965, 475-478

TOPIC TAGS: uv spectroscopy, uv photography, photographic material, photographic emulsion

ABSTRACT: The authors describe briefly the assortment of photographic materials developed for the registration of the ultraviolet region of the spectrum. The spectral sensitivity of the materials and the dependence of the contrast of the emulsions on the wavelength of the applied radiation is reported. It is shown that emulsions having a high content of silver halide exhibit an increase in the absolute sensitivity of the layers in the ultraviolet region of the spectrum

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ACCESSION NR: AP5016054 3

compared with the visible region. The deviation from the reciprocity law for prolonged exposures is determined for some types of emulsions. The resolution of the material is claimed to be sufficiently high even in thecase of the coarse-grain emulsions UFSh-O. A table summarizing the characteristics and some of the characteristic curves are included. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (All-Union Scientific-Research Institute of Motion Picture Photography) 44,55

SUBMITTED: 00 ENCL: 00 SUB CODE: ES, OP

NR REF SOV: 004 OTHER: 000

Card 2/2

ACCESSION NR: AP4043038 S/0077/64/009/004/0286/0288

AUTHORS: Kalinkina, T. A.; Kovanova, A. N.; Pankova, A. A.; Sukhodrev, N. K.; Uvarova, V. M.; Shpol'skiy, M. R.

TITLE: NIKFI photographic materials for the vacuum ultraviolet region of the spectrum and their characteristics

SOURCE: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 9, no. 4, 1964, 286-288

TOPIC TAGS: ultraviolet photographic film, film characteristic, film sensitivity, silver halide, / ISP 22 spectrograph, DFS 6 vacuum spectrograph

ABSTRACT: The solution of many problems has been hampered by the lack of photographic film sensitive to the vacuum ultraviolet (UF) spectrum ($\lambda < 2200$ Å) as a consequence of strong absorption in the gelatin of the emulsion layer of existing film. NIKFI developed five types of films sensitive to the far UF and soft x-ray region by using a new method of preparing photographic emulsion with a high concentration of silver halide in which a large portion of the gelatin is replaced by surface active substances. The five films differed in size of the AgHal microcrystals and had different sensitivities. The air-dried emulsion layer $\sim 10\,\mu$

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ACCESSION NR: AP4043038

thick was coated on a triacetate base and hardened so that water at temperatures up to 100C did not melt it. The photographic properties of the film (see Table 1 on the Enclosure) were measured in the visible, near UF region ($\lambda \sim 2300$ Å) and vacuum UF region (2000 Å $> \lambda >$ 200 Å). The films UF-2 and UF-3 were developed for 8 minutes in developer D-19 at 20C and the other film developed similarly for 4-6 minutes. The standard method of sensitometric measurements was used for the visible region; for $\lambda = 2300$ Å a mercury lamp in a ISP-22 spectrograph with a nine-stage attenuator was used. Characteristic curves (D versus log It) were obtained for all films at $\lambda = 2300$ Å. Films UF-1, UF-2 and UF-3 have low visible sensitivity ideal for "hot" object work. The vacuum UF region was studied using a DFS-6 vacuum spectrograph with a low voltage vacuum spark between titanium electrodes as a light source. The relative spectral sensitivities of films UF-1, UF-2, and UF-3 were obtained at points over the range 200-3000 Å and the contrast factor for these films for λ 200-800 Å ranged from 0.7 to 1.0, while the other films had a smaller contrast. The storage properties were good and were maximized by storage in a polyethylene pack at 5-7C (e.g., UF-1 stored two years lost 40% of its sensitivity at $\lambda = 2300$ Å, had no hazing, and preserved its contrast). The preservation of the film was attributed to the high colloidal stability

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ACCESSION NR: AP4043038

of the AgHal microcrystals and the presence of colloidal stabilizers in the emulsion layer. Orig. art. has: 1 table and 2 figures.

ASSOCIATION: Vsesoyuzny*y nauchno-issledovatel'skiy kinofotoinstitut (NIKFI) (All-Union Motion Picture and Photography Scientific Research Institute)

SUBMITTED: 080ct63 ENCL: 01

SUB CODE: OP,ES NO REF SOV: 002 OTHER: 000

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ACCESSION NR: AP4043038

ENCLOSURE: 01

Sample No.	Film type	Region of registration of UF-radiation Å	Average diameter of AgHal Micro-crystals μ	Characteristic properties: fog density D_o	For visible region of spectrum: $S_{0.2}$ GOST units	γ	For λ=2300 Å: S, relative units	γ
1	UF-1	<3500	0.35	0.06	5	4	2.5	1
2	UF-2	<2200	0.29	0.04	0.5	4	0.25	1.2
3	UF-3	<1500	0.18	0.04	0.8	2.4	0.08	0.9
4	UFSh-1	3500--2000	1.16	0.09	50	2	8.0	0.9
5	UFSh-2	<3500	1.16	0.11	50	3.6	8.0	1.2

Table 1 GOST is All-Union State Standard.

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UVAROVA, V.M.; SUKHODREV, N.K.; PANKOVA, A.A.; SHPOL'SKIY, M.R.; KOVANOVA, A.N.

New photographic materials of the Motion Picture and Photography Scientific Research Institute for spectrum analysis in the region of short-wave ultraviolet radiation. Izv. AN SSSR. Ser. fiz. 26 no.7:967-968 Jl '62. (MIRA 15:8)
(Photographic emulsions) (Spectrum analysis)

39298
S/048/62/026/007/029/030
B117/B144

24,3430

AUTHORS: Uvarova, V. M., Sukhodrev, N. K., Pankova, A. A., Shpol'skiy, M. R., and Kovanova, A. N.

TITLE: New photomaterial of the NIKFI for spectrum analyses in the short-wave region of ultraviolet radiation

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26, no. 7, 1962, 967-968

TEXT: This report given at the XIV Soveshchaniye po spektroskopii (XIV Conference on Spectroscopy) deals with new films for vacuum ultraviolet radiation. The РМ-1Л (RM-1L) film with highly sensitive emulsion sensitized with luminohpores had been developed by the NIKFI (A. O. Kondakhchan) and the Shostkinskiy khimicheskiy zavod (Shostka Chemical Plant). The УФ-НИКФИ (UF-NIKFI) film little sensitive to visible light, with an emulsion consisting of highly concentrated silver halide and small amounts of gelatin, was produced by a method (thin-layer separation) developed by K. S. Bogomolov, M. Yu. Deberdeyev, A.A.Sirotinskiy and members of the NIIKhIMMASh. The new films, especially UF-NIKFI

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New photomaterial of the NIKFI for...

have adequate photographic stability (8 months). Studies with a DFS-6 (DFS-6) vacuum spectrograph to determine the sensitivity of the new films showed that RM-1L and UF-NIKFI is suitable for regions of 3500-700 Å and 1500-200 Å, respectively. There are 3 figures.

Card 2/2

PANKOVA, A.A.

Microbiological study of some plants and preparations obtained from them. Zhur. mikrobiol. epid. i immun 28 no.2:138 F '57
(MLRA 10:4)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromaticheskikh rasteniy.
(BOTANY, MEDICAL)

PANKOVA, E. E.

USSR/Pharmacology. Pharmacognosy. Toxicology - Local Anaesthetics. T-4

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71713

Author : Shteinberg, M.A., Pankova, E.E., Tsarik, S.Ya.
Inst :
Title : The Changes in Censor Chronaxia in Lupus Erythematosus Patients in Treatment with Novocaine Block of the Trigeminal Nerve Endings.

Orig Pub : Vestn. Venerol. i Dermatol, 1956, No 5, 14-15

Abstract : 23 patients with Lupus etythematosus (LE) were treated with novocaine (I). I was injected intradermally in 0.25-0.5 percent solutions, 1.2-0.4 ml each in 2-3 days (altogether 6-12 injections). Clinical recovery occured in 9 patients. In a considerable number of patients a correlation between the clinical reaults and the changes in the censor chronaxia were found.

Card 1/1

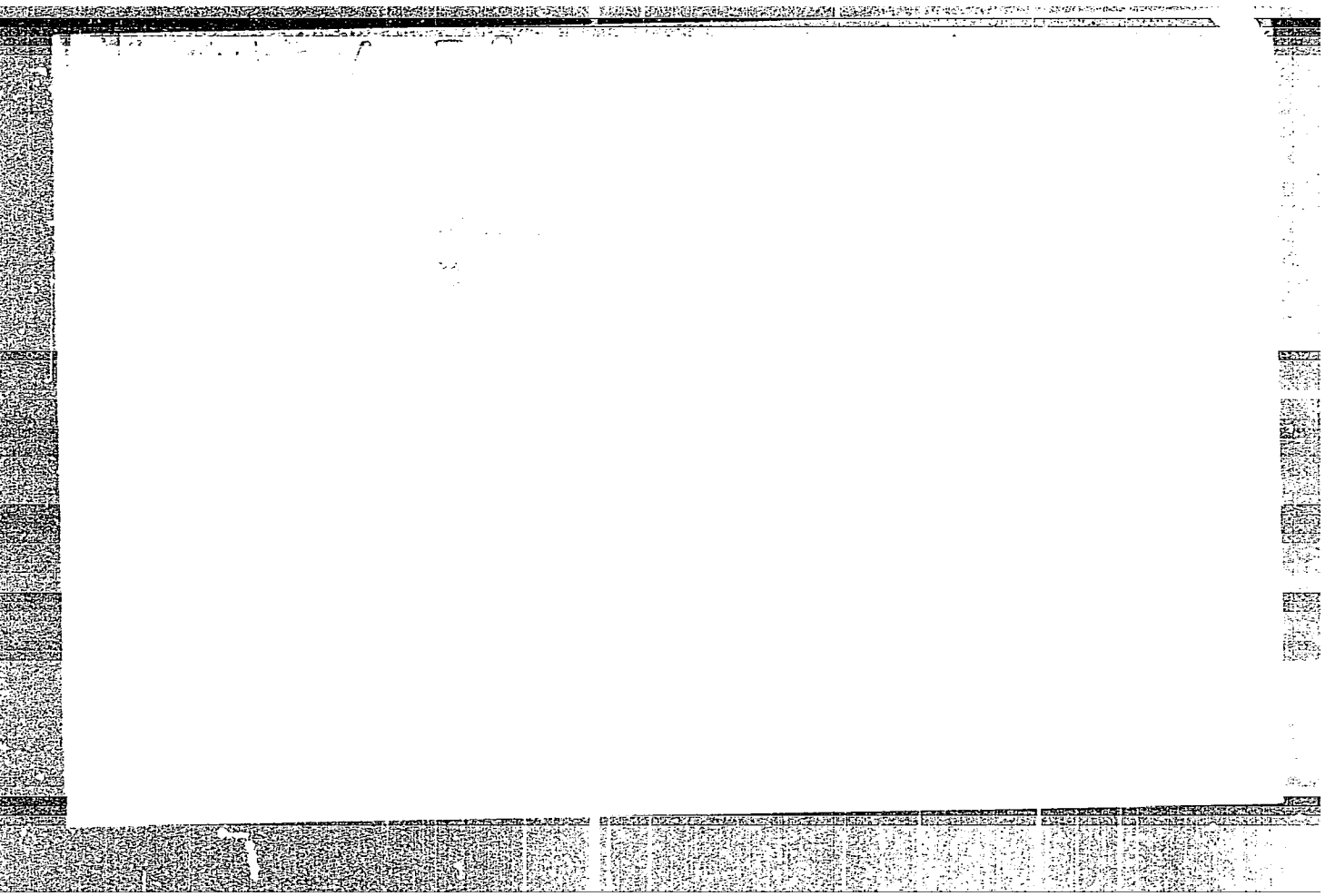
MIKHAYLOV, G.I.; PANKOVA, E.S.; YAROVENKO, Ye.Ya.

Preparation of high-purity organic substances. Report No.1: Preparation of high-purity α-nitronaphthalene. Trudy IREA no.25:78-82 '63. (MIRA 18:6)

BRUDZ', V.G.; DRAPKINA, D.A.; Prinimali uchastiye: DOROSHINA, N.I. laborant; PANKOVA, E.S., laborant

Synthesis of N,2-benzylaminoethanol. Trudy IREA no.22:142-146 '58. (MIRA 14:6)

(Ethanol)



1. PANKOVA, F. AND SHKLYAR, K.

2. USSR (600)

7. "Methods of Accelerated Technical-Chemical and Bacteriological Control of Egg Melange", Myasnaya Industriya SSSR, No 6, 1950, pp 76-78.

9. Mikrobiologiya, Vol XXI, Issue, Moscow, Jan-Feb 1952, pp 121-132. Unclassified.

CA

12

Spray-drying arrangement for production of egg powder. F. Pankova and P. Lyutikova. *Myasnaya Industriya S.S.S.R.* 23, No. 2, 33-5(1952).—Spray-drying eggs with the "HEMA" system was investigated. Optimum conditions were found to be: pump pressure 55-57 atm., temp. of air going into the system 130-140°, and temp. in the spray zone 46-48°.
M. M. Piskur

PANKOVA, F., kandidat tekhnicheskikh nauk; STARIKOVA, L., kandidat khimicheskikh nauk.

Drying egg products. Mias.ind. SSSR 24 no.6:34-37 '53. (MLRA 6:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ptitsepererabatyvayushchey promyshlennosti.

(Eggs, Dried)

PANKOVA, F.; PLYUTIKOVA, P.; PROKOF'YEVA, T.

Improving the straining and mixing of eggs. Mias. ind. SSSR 25 no.5: 28 '54. (MLRA 7:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ptitsepererabatyvayushchey promyshlennosti.
(Eggs)

PANKOVA, F.

USSR

Stability of egg powder in storage. F. Pankova, F. Lyutikova, and M. Podlegaev. *Myasnaya Ind. S.S.S.R.* 26, No. 1, 37-8(1955).—Dried eggs in various type containers were stored at 30–8°, 18–25°, −3 to +2°, −12 to −14°, and −24° and periodically observed for phys. and chem. changes, bacteria content, taste, odor, bloom, and appearance. At 18–25° storabilities in various containers were: veneered containers 9, hermetically sealed tinned cans 12, and in glass under vacuum 15 or more months. Storability at 0 to −24° can be for as much as 3 yrs. Detail results are not presented.

M. M. Piskur

PANKOVA, F.

PANKOVA, F.; PROKOF'YEVA, T.; LYUTIKOVA, P.

Using plate-type pasteurizer in the production of liquid egg re'lange.
Mias.ind.SSSR 28 no.1:31 '57. (MLRA 10:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ptitseperabatyvayushchey promyshlennosti.
(Pasteurizers) (Food--Bacteriology)

PANKOVA, F.; MINAKOVA, T.

Waste water of poultry processing plants. Mias.ind.SSSR 28 no.4:34-35 '57. (MLRA 10:7)
(Water--Waste)

PANKOVA, F., kand.tekhn.nauk; PROKOL'YEVA, T.; LYUTIKOVA, P.

Canning eggs in liquid form. Mias.ind.SSSR 32 no.6:22-23 '61.
(MIRA 15:2)

(Egg--Preservation)

PANKOVA, F.I., kand. tekhn. nauk; MINAKOVA, T.F., mladshiy nauchnyy sotrudnik

Lengthening the preservation time of fresh eggs in storage. Trudy TSNIIPPa 9:41-45 '62. (MIRA 16:6)

(Eggs—Preservation)

PANKOVA, F. I.

USSR/Chemical Technology. Chemical Products and Their Application -- Food industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6728

Author: Podlegayev, M. A., Pankova, F. I., Lyutikova, P. O., Prokof'yeva, T. V.

Institution: All-Union Scientific Research Institute of Poultry Industry

Title: Improvement of Processes for the Production of Egg Melange and Egg Powder

Original Publication: Tr. Vses. n.-i. in-ta ptitseprom-sti, 1956, 6, 3-17

Abstract: Description of the mechanized continuous production line for the manufacture of egg melange and dry egg products, which has been developed by the All-Union Scientific Research Institute of the Poultry Industry, and of the results of tests of machines for washing, disinfecting and shelling of eggs (VNIIP), a steam pasteurizer with expeller stirrer, a semi-automatic batching machine, etc. In experiments with the use of ultrasound (of a frequency of 1,000 kilohertz) for stirring of the egg mixture, the formation of a highly homogenized melange within 15-20 seconds was ascertained.

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PANKOVA, [redacted] kand. tekhn. nauk; PROKOF'YEVA, T.V., starshiy nauchnyy sotrudnik; LYUTIKOVA, P.O., starshiy nauchnyy sotrudnik

New types of food products made with eggs. Trudy TSNIIPPa 9: 32-41 '62. (MIRA 16:6)

(Eggs--Preservation)

NEDOSPASOV, A.V.; PANKOVA, G.I.; KONAKH, V.F.

Investigating the strata in argon. Zhur.tekh.fiz. 30 no.1:125-128 Ja '60. (MIRA 13:8)
(Argon) (Ionization)

21.2120

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SOV/57-30-1-18/18

AUTHORS: Nedospasov, A. V., Pankova, G. I., and Konakh, V. F.

TITLE: Investigations of Strations in Argon

PERIODICAL: Zhurnal tekhnicheskoy fiziki, 1960, Vol 30, Nr 1, pp 125-129 (USSR)

ABSTRACT: Strations were observed in tubes 23 and 35 mm in diameter and 35 to 120 cm long. Cathode consisted of alkali earth metal oxides deposited on a tungsten spiral. Stration oscillation frequency was measured by comparing it to the frequency of the alternating voltage of an audio oscillator. To measure the length of the strations, signals from a photomultiplier registering the light impulses from the strations' heads were fed to vertical plates of an oscillograph. The horizontal oscillograph sweep was synchronized with the oscillations of the tube potential due to the strations. Moving the photomultiplier along the tube for a length of a stration changed the pattern on the oscillograph screen for one

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period. This way the mean stration length was measured with an error not larger than 2 to 3 mm. The circuit consisted of a stabilized dc source, an ohmic resistance, and a 2 Henry inductance capable of stabilizing regular strations. Applying across the inductance an ac voltage of frequency close to that of self-oscillations of the strations, the authors managed to trap those oscillations by the outside force, and this resulted in a modified stration length and velocity. Some tubes had flat probes with guard rings on the walls. Ion current density upon the insulated wall was obtained by a linear extrapolation of the ionic branch of the probe characteristics to the values of potential at which the total current on the probes would drop to zero. Amount of the current upon the wall inside the boundaries of one stration was obtained using the equation

$$I=\frac{2\pi r_0 i_p}{S},$$

where i_p - ionic current toward the insulated probe; l - length of the stration; r_o - radius of the tube; and S - surface of the probe. Results of Measurements. Figure 1 and 2 conform the results of Nedospasov (ZhTF, XXIX, 1388, 1959). Using results from Fig. 1 and equations developed by Zaytsev (DAN SSSR, 84, 41, 1952) the authors obtained points of Fig. 3 and 4. Results on Fig. 4 do not agree fully with the theoretical equation developed by Zaytsev probably because the I/i relationship (Fig. 2) is not absolutely linear. On Fig. 5 the theoretical curves agree well with the experimental results. Experiment shows that the ionic current upon the probe does not depend on v. Consequently, $I \sim 1$, and the electron concentration in the stration head remains constant. This confirms the dispersion relation by Nedospasov (ZhTF, XXVIII, 173,

Investigations of Strations in Argon

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SOV/57-30-1-18/18

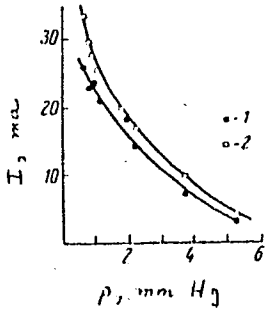

Fig. 1. Ionic current upon the wall in one stration region versus argon current. Discharge current: (1) 125 ma; (2) 150 ma. Diameter of the discharge tube 23 mm.

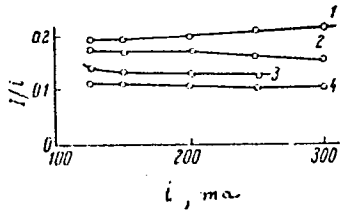

Fig. 2. Quantity I/i versus discharge current. At average pressures: (1) 0.9 mm Hg; (2) 1.2 mm Hg; (3) 1.9 mm Hg; (4) 2.2 mm Hg.

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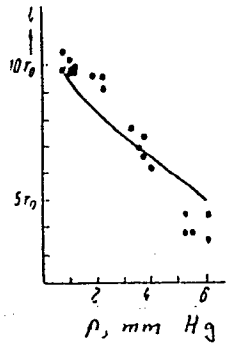

Fig. 3. Stration length versus argon pressure. Full line - theoretical curve; points - values for i = 125 and 150 ma.

Investigations of Strations in Argon

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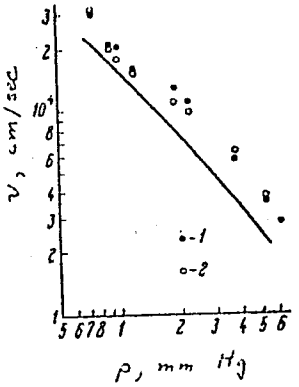

Fig. 4. Theoretical (full line) and experimental (points) relationship between the stration velocity and pressure. (1) with a 125 ma current; (2) with a 150 ma current.

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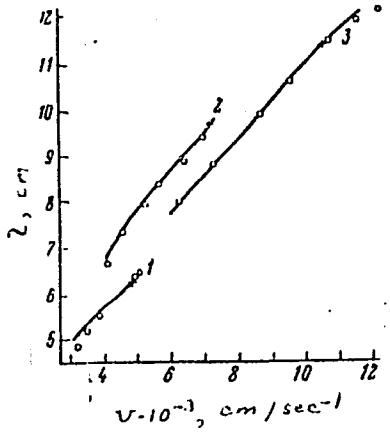
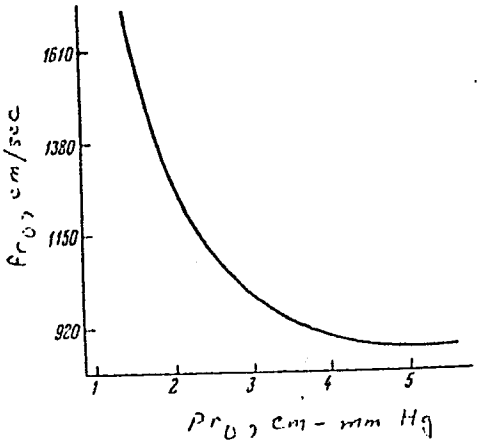


Fig. 5. Length of strations versus their velocity. Quantities obtained without outside influence are denoted by crosses. (1) argon pressure 6 mm Hg, discharge current 200 ma; (2) argon pressure 4 mm Hg, discharge current 180 ma; (3) argon pressure 2 mm Hg, discharge current 250 ma. Tube diameter 23 mm.

1958). Curve on Fig. 6 also agrees well with the theoretical predictions. Errors were usually not worse than 5%. A. A. Zaytsev gave advice and discussed the paper. There are 6 figures; and 8 references, 4 Soviet, 1 German, 1 U.K., 2 U.S. The U.K. and U.S. references are: V. D. Farris, Proc. of Phys. Soc., B68, 381, 1955; A. B. Stewart, J. of Appl. Phys., 27, 911, 1956; V. D. Farris, J. of Electronics, 1, Ser 1, 60, 1955.

SUBMITTED: October 2, 1958



Card 9/9 Fig. 6. fr_o versus pr_o in argon.

AKULOVA, M.F.; PANKOVA, G.Ye. mladshiy nauchnyy sotrudnik; TSUVERKALOV, D.A., prof.; LEONT'YEV, A.I.; POLYAKOV, D.K., kand.veter. nauk

Laboratory practive. Vete inariia 40 no.5:58-71 My '63. (MIRA 17:1)

1. Rostovskiy -na-Donu gosudarstvennyy nauchno-issledovatel'skiy protivochumnyy institut (for Akulova). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy virusologii i mikrobiologii (for Pankova, TSuverkalov). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii (for Polyakov).

KOLARIK, Z.; PANKOVA, H.

Extraction of strontium and cerium complexes with di-(2-ethylhexyl) phosphoric acid through organic solvents. Coll Cz Chem 29 no.9:2021-2029 S '64.

1. Institut fur Kernforschung, Tschechoslowakische Akademie der Wissenschaften, Rez near Prague.

KOLARIK, Zdenek; PANKOVA, Helena

Extraction of complexes of strontium and cerium with di-(2-ethylhexy l)-phosphoric acid by organic solvents. Jaderna energie 10 no. 3:89 Mr '64.

1. Nuclear Research Institute, Czechoslovak Academy of Sciences, Rez.

KRTIL, Josef; KOURIM, Vaclav; ZEMANOVA, Jaroslava; PANKOVA, Helena

Separation of Zr^{95}-Nb^{95} from the fission product solution by sorption on silica gel. Jaderna energie 10 no. 2:47-51 F '64.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved, Rez u Prahy.

PANKOVA, I.A.; NIKITIN, A.A.

Water balance of some milk vetches of Kopet-Dag. Trudy Bot. inst. Ser. 5 no.11:137-173 '63. (MIRA 16:10)

PANKOVA, I.A.

More on gum formation in milk vetches. Trudy Bot. inst. Ser. 5 no.11:111-136 '63. (MIRA 16:10)

PANKOVA, I.A.; NIKITIN, A.A.

Structure and germination of seeds of Astragalus densissimus Boriss and Astragalus piledocladus Freyn et Sint. Trudy Bot.inst.Ser.5 no.10:150-168 '62. (MIRA 15:2)

(Milk vetches) (Germination)

PANKOVA, I.A.

Marsh tea (Ledum palustre L.). Trudy Bot. inst. Ser 5 no.9:175-215 '61. (MIRA 15:1)

(Marsh tea)

PANKOVA, I.A.

Common reed Phragmites communis Trin. and its economic importance.
Rast. res. 1 no.1:84-90 '65. (MIRA 18:6)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR, Leningrad.

PANKOVA, I.A.

Some rhododendrons of the Sayans. Trudy Bot. inst. Ser. 5 no.9:221-241 '61. (MIRA 15:1)
(Sayan Mountains--Rhododendron)

PANKOVA, I.A.; NIKITIN, A.A.

Structure of some guttiferous milk vetches during the early stages of ontogenesis. Trudy Bot.inst.Ser.5 no.10:169-189 '62.(MIRA 15:2)
(Milk vetches)

PANKOVA, I.A.; NIKITIN, A.A.

Nodules in milk vetches. Trudy Bot.inst.Ser.5 no.10:256-261 '62.
(MIRA 15:2)

(Milk vetches)

PANKOVA, I.A.

Tissue therapy of neuralgia of the trigeminal nerve. Stomatologiia no.6:31-33 N-D '54. (MLRA 8:1)

1. Iz kliniki gospital'noy khirurgii (zav. V.S.Mayat) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina (dir. S.I.Milovidov)

(TRIGEMINAL NEURALGIA, therapy
tissue ther.)
(TISSUE THERAPY, in various diseases
trigeminal neuralgia)

PANKOVA, I.A.

Gum formation in astragalus. Trudy Bot.inst.Ser.5 no.4:99-112 '56.
(Milkvetch) (MLRA 9:6)

PANKOVA, I.I.
A.M. BRUSILOVSKII, Russ 57,165,May 31 1940