

NIKOLAYVA, N. I.

Using phytocides for controlling diseases of sainfoin and other
plants. Trudy VGU 56 ~~1959-60~~ 1959. (NIRA 13:6)
(Sainfoin—Diseases and pests) (Phytocides)

NIKOLAIEVA, M.I.; CHUVATIEV, P.P.; BROSHIKOVSKIY, M.I.

Some methods of increasing the frost resistance of grapevines as related to the dynamics of carbohydrate metabolism. *Trudy Otd. fiziol. i biofiz. inst. AN Tadzh. SSR* 1:76-105 '62. (MIRA 16:3)
(Plants--Frost resistance) (Carbohydrate metabolism)
(Tajikistan--Grapes)

NIKOLAYEVA, M.I.

Blood substitutes in the prevention of surgical complications.
Prohl. gennat.i porol. krovi 6 no.1:49-54 '61. (MIRA 14:2)
(BLOOD PLASMA SUBSTITUTES) (STOMACH—SURGERY)

BAGDASAROV, A.A.; DUL'TSIN, M.S.; FAYNSHTEYN, F.Ye.; OSYECHEMSKAYA, G.V.;
SUKYASIAN, G.V.; IARUSTOVSKAYA, L.Ye.; UMOVA, M.A.; NIKOLAYEVA, M.I.

Use of bone marrow transplantation in aplastic (hypoplastic) anemias
and acute leukemia. Probl. gemat i porol. krovi 6 no. 2:3-11 '61.
(MIRA 14:2)

(ANEMIA) (LEUKEMIA) (MARROW—TRANSPLANTATION)

NIKOLAIEVA, M.I.

Black hairy tongue caused by a yeast-like fungus. Zdrav. Kazakh.
21 no.2:41-42 '61. (MIRA 14:9)

1. Is Alma-Atinskogo gorodskogo kozhno-venerologicheskogo dispensera
(glavnyy vrach - P.I. Agapov). (FUNGI, PATHOGENIC)
(TONGUE-DISEASE) (ANTIBIOTICS)

NIKOLAYEVA, N.I.

Treatment of acute gonorrhoeal urethritis in males. *Zdrav.*
Znakh. 21 no.11:49-51 '61. (MIRA 15:7)

1. In Alma-Atinskogo gorodskogo keshno-venereologicheskogo
dispansera.

(COFORKIEA)

MURANYAN, R.I., kand.med.nauk; NIKOLAYEVA, M.I.

**Anesthesia in surgical therapy of burns. Khirurgia 37 no.4:
188-193 '61. (MIRA 1464)**

**1. In Khimtral'noye otdeleniye Lenina instituta gematologii i pereli-
vaniya krvi (dir. - doystvitel'nyy chlen SSSR prof.A.A.
Engel'sonov, sov. khirurgicheskoy klinikiy - prof. D.N. Gromov)
Ministerstvo zdorovokhraneniya SSSR.
(BURNS AND SCALDS) (SKIN GRAFTING)**

AGRANENKO, V.A., kand. med. nauk; NIKOLAYEVA, M.I.

Exchange transfusion and hemodialysis in the treatment of blood transfusion complications and acute renal insufficiency. Vest. khir. 91 no.8s)4-48 Ag'63 (MIRA 17:3)

1. Iz Pochechnogo tsentra (zav. - V.A. Agranenko) Tsentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir.- dotsent A. Ye. Kiselev).

CHERNEV, Konstantin Konstantinovich; NIKOLAYEVA, H.I., red.

[Maintenance of electric transformers] Obsluzhivanie
transformatorov. Moskva, Energifa, 1964. 64 p. (Biblio-
teka elektromontera, no.137) (MIRA 18:7)

MARFIN, Nikolay Ivanovich; NIKOLAYEVA, M.I., red.

[Protection of electric power transmission lines] Okhrana
linii elektroperedachi. Moskva, Energiia, 1965. 59 p.
(Biblioteka elektromontera, no.151) (MIRA 18:3)

NARIMOV, Kh.Kh.; NIKOLAYEVA, M.I.

**Content and transformation of carbohydrates in some plants in
Tajikistan as related to summer dormancy and winter vegetation.
Trudy Otd. fiziol. i biofis. rast. AN Tadsh. SSR 3:22-34 '64.
(MIRA 18:4)**

NUMBER 13: ARKAD, 1977

The synthesis was in a plant... and the
plant proteins were... activity
of. Radioactivity of... extracted
with the pigments... activity rates were lower
inoplast water-activity... Institute of Plant Physiology
USSR, Moscow. Bibliography, 1977.

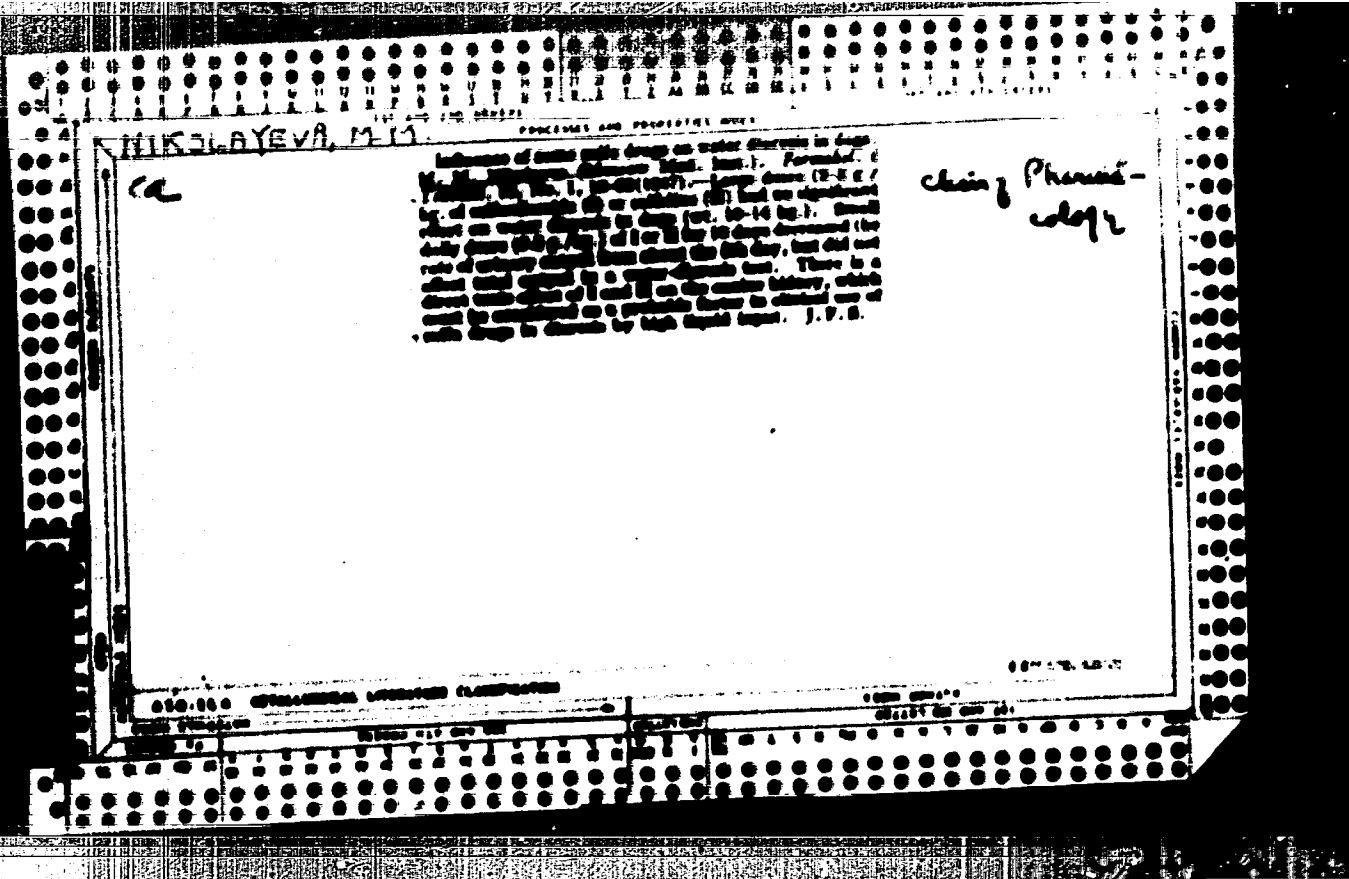
NUMBER: 13

NUMBER:

**NIKOLAIEVA, M.M.; LOZOVSKAYA, V.P.; TOKIN, A.N.; SMIRYAYEV, V.P.;
ISSIMOV, L.I.; NESTEROV, A.D., elektromekhanik**

**From the editor's mail. Avtom., teleme. i svyaz' 7 no.3:44 Nr
'63. (MIRA 16:2)**

- 1. Starukhiye elektromekhaniki stantsii Leningrad-Pussashirskiy
Moshovskiy distantsii signalizatsii i svyazi Otkryt'akhoy
dorogi (for Mihalayova, Lozovskaya, Tokin, Smiryayev).**
 - 2. Starukhiy elektromekhanik Stryyakoy distantsii signalizatsii
i svyazi L'vovskoy dorogi (for Issimov). 3. Balashovskaya
distantsiya signalizatsii i svyazi Privolzhskoy dorogi (for
Nesterov).**
- (Railroads—Signaling—Centralized traffic control)**



NIKOLAEVA, N.M.

**Pathologic pharmacology as Pavlovian trend. Tr. Vsesoyuz. obsh. fiziol.
no. 1:177-178 1952. (GML 261)**

1. Delivered 17 November 1950, Moscow.

v

Country : USSR

Category: Pharmacology. Toxicology. Tranquilizers.

Abstr Jour: Mediz. No 6, 1959, No 27687

Author : Nikolayeva, M.N.; Zolotareva, S.I.

Inst : ~~USSR~~ Pharmaceutical Institute

Title : Relation Between Chemical Structure of Phenothiazine Derivatives and Their Influence on Blood Coagulation.

Orig Pub: Zh. sushch. razv. lek. farmatsevt. in-t, 1957, 1, 313-317

Abstract: Blood-coagulation and prothrombin time was determined in rabbits $\frac{1}{2}$ - 1 - 2 hours after introduction of phenothiazine derivatives: melazine (I), amiazine (II), diparcole (III), T-080 (IV), G-015 (V) and ethazine (VI) in a dose of 10 mg/kg. Experiments demonstrated that I, II and VI prolong the time of blood

Card : 1/2

v-7

NIKOLAYEVA, M.M., prof.

Pharmacological effects on capillary resistance and their regulatory mechanisms. *Farm. i tekhn.* 24, no.2:246 Mar-Apr '61. (MIRA 14:6)
(CAPILLARIES—PERMEABILITY)

CHERNOV, G.I.; YEVOKIMOV, N.A.; MUSELSKIY, Ye.V.; SEREZHKIN, B.I.;
MINDLAYKA, M.B.

Operation of a blast furnace with automatic control of the
blast distribution through the tuyeres. Metallurg 10 no.6:
6-10 Je '65. (MIRA 18)

ACC NR: A17000340 SOURCE CODE: UA/0013/66/000/003/0053/0063

AUTHOR: Kuz'menkov, V. A.; Nikolayeva, M. R.; Shapiro, V. Ya.; Paternik, A. E.

ORG: none

TITLE: Lubricant for cold working of metals. Class 23, No. 178006

SOURCE: Izobreteniya, promyshlennyye obratzy, tovarnyye znaki, no. 2, 1966, 63

TOPIC TAGS: metalworking, cold working, lubricant

ABSTRACT: This Author Certificate describes a lubricant for cold working of metals. To reduce the coke residue formed on the surface of the metal worked and reduce the annealing temperature, polyisobutylene with a molecular weight of 20,000 to 100,000 is added to the composition. [10]

SUB CODE: 13/ SUBM DATE: 11Feb65/ ORIG REF: none/ OTH REF: none/

Card 1/1

UDC: 621.892.6:621.7.016.3

1. 19987-64 INT(S)/T/INT(S)/INT(S) INT(S) INT(S)

ACC NR: AP6017655

(N)

SOURCE CODE: UR/0136/66/000/001/0072/0075

AUTHOR: Shapiro, V. Ya.; Patcruk, A. P.; Mas'manov, V. A.; Nikolayeva, N. E.

52
8

ORG: none

TITLE: New technical lubricants for drawing pipes of aluminum and its alloys

SOURCE: Tovstoye stally, no. 1, 1966, 78-75

TOPIC TAGS: lubricant, aluminum alloy, pipe, METAL DRAWING

ABSTRACT: Over 60 compositions of various lubricants for use in drawing pipes of aluminum and its alloys were tested. All the lubricants can be divided into two main groups: (1) compositions including surface active agents (SAA), and (2) compositions based on light mineral oils with various thickening agents. The physicochemical properties of the lubricants and their limit reduction, drawing stress, and burning off during heat treatment were determined. Tests of the lubricants with and without SAA showed that there were no appreciable differences in drawing stresses, which were much higher than when the standard "Type 1" lubricant is used. Therefore, the lubricants are unsuitable for use under industrial conditions of drawing. However, two lubricants, named VI-177 (85% MGO aviation oil and 15% of a high molecular compound with a molecular weight of 20000) and VI-254 (81% aviation oil, 4% of the same high molecular compound, and 15% aluminum stearate) were found to produce drawing stresses

16

Cont. 1/2

REG. 660.71621.78.372

NIKOLAYEVA, M. S.; YUDIN, V. G.; PANEIKOVA, T. V.

"The role of growth substances in seed dormancy."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

AS USSR, Leningrad.

100-100000-100000

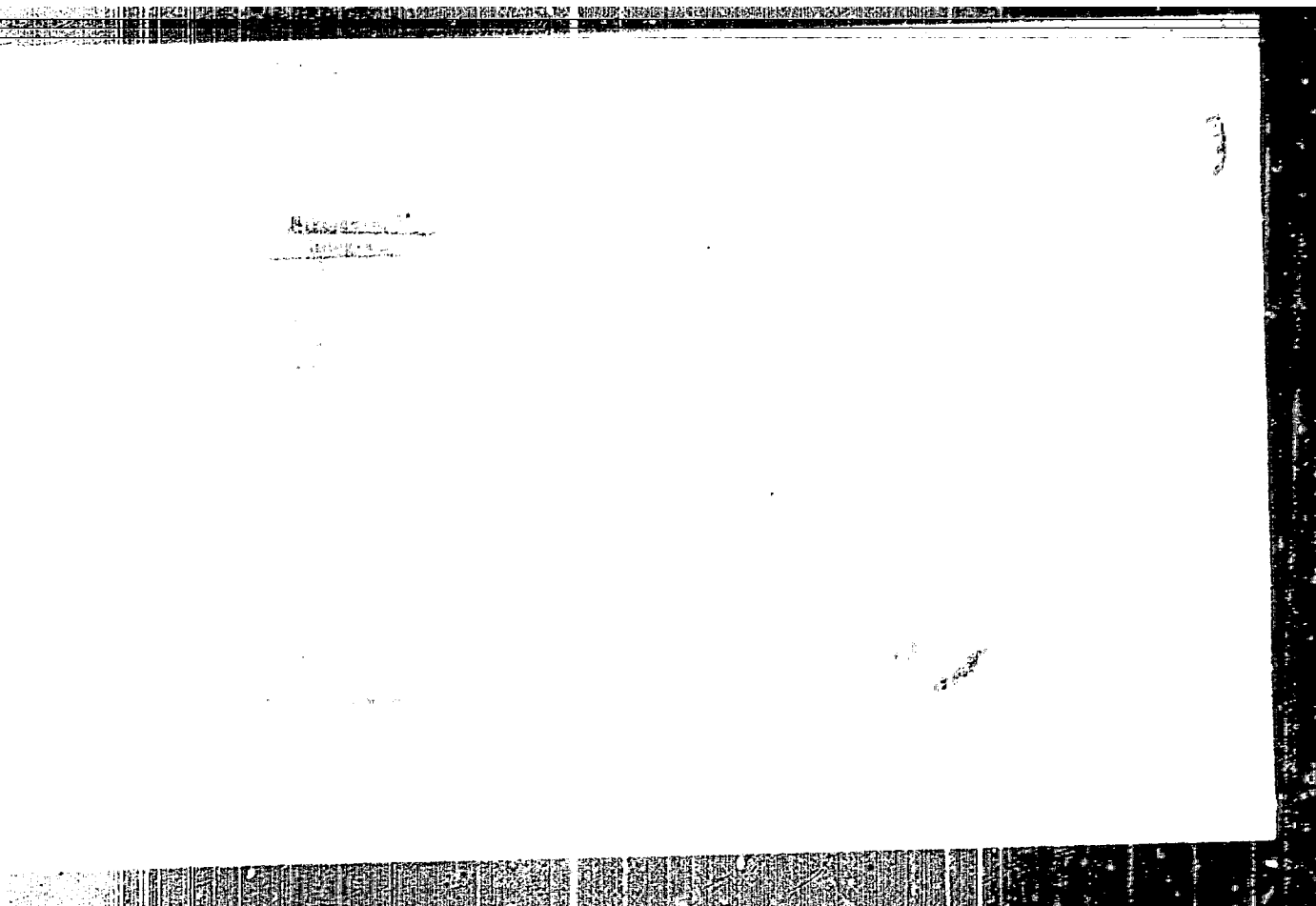
The determination of lignin in food materials. M. V. Nikolaeva. *Nauch. Issledovaniya Vuzov Vostochno-Kavkazsk. Nauch. Ts.entr. Inst. Zhitobrazn. i Kormozhivnitsy. Egg Uprav. No. 1912. (Serbia), 131 (1961). *Izv. Inst. Zhar. Khim. Biol. Akad. Nauk 1955, No. 1910--1910.**

were made by a modified Pyramshuk procedure (cf. *Usp. Khim. 4, No. 1913, No. 12*). In these studies lignin varied between 8.04 and 11.4%, in concentration 11.0-10.5%, and in acid content 1.95-2.55%. The accuracy of the lignin varied with the type of food material. B. S. J.

NIKOLAEVA, M.V.

Tablitsy gipertolicheskikh funktsiy ot argumentov, vyrashennykh v dolyakh π . L., Sb. po teor. soorush. (1932), 114-120.

SO: Mathematics in the USSR, 1917-1947
edited by Kursh, A.G.,
Marinchevich, A.I.,
Rashevskiy, P.K.
Moscow-Leningrad, 1948



PILNCHIK, Ye. N. and NIKOLAYEV, M. V.

"Ultraviolet Fluorescence of Liver Cells of White Rats at Different Stages of Embryogenesis." pp. 56

Institute of Cytology AS USSR Laboratory of Microscopy

II Ultraviolet Fluorescence of Liver Cells of White Rats at Different Stages of Embryogenesis (Abstracts of Reports of the Institute of Cytology of the Academy of Sciences USSR, Abstracts of Reports), Leningrad, 1968 56 pp.

JWB 28,42

FIL'SHCHIK, Ye.M.; NIKOLAYEVA, M.V.

Ultraviolet fluorescence from liver cells in white rats during their embryonic development. Dokl. AN SSSR 148 no.1:199-201 Ja '63.

(MIRA 16:2)

1. Institut tsitologii AN SSSR. Predstavleno akademikom V.N. Chernigovskim.

(FLUORESCENCE MICROSCOPY) (EMBRYOLOGY—MAMMALS)
(CELLS)

NIKOLAYEVA, M. V.:

NIKOLAYEVA, M. V.: "The pathogenesis of anemia in dysentery of young children." Kasan' State Medical Inst. Chair of Children's Diseases at the Base of the Second Children's Clinical Hospital of the City of Kasan'. Kasan', 1956.
(Dissertation for the Degree of Candidate in Sciences)

So: *Kaishanava Letopis*, No 17, 1956

NIKOLAYEVA, M.V., assistant

Clinical aspects and pathogenesis of hemorrhagic vasculitis
(Schocalein-Menech disease) in children. Kaz. med. zhur.
no. 2:56-59 Mr-Apr '61. (MIRA 14:4)

1. Kafedra detskikh bolezney (nav. - prof. Yu.V. Makarov)
Kazanskogo meditsinskogo instituta na base 2-y detskey klinicheskoy
bol'nitsy Kazani (glavnyy vrach - L.F. Olovyannikova).
(PURPURA (PATHOLOGY))

NIKOLAYEVA, M.V.; SAFINA, S.G.

Some data on the development of children borne by mothers with toxoplasmosis. Nauch. trudy Kaz. gos. med. inst. 14:501-502 '64.

(MIRA 18:9)

1. Kafedra detskikh bolezney (zav. - prof. Yu.V.Makarov) i II kafedra akusherstva i ginekologii (zav. - prof. Kh.Kh.Meshcherov, nauchnyy rukovoditel' prof. P.V.Manenkov) Kazanskogo meditsinskogo instituta.

L 26723-66 EXT(=)/EXP(1)/T IJF(=) RR/RM

ACC NR: AR5011576

SOURCE CODE: UR/0061/65/000/016/5030/5031

AUTHOR: Vyakhirev, D. A.; Zabotin, K. P.; Zurava, Ye. M.; Troitskiy, B. B.;
Vyshinskiy, N. N.; Nikolayeva, N. V.; Pogrebnyaya, T. I.; Fonicheva, L. V.

TITLE: Gas chromatography study of impurities in methacrylate and analysis of their effect on the process of polymerisation

SOURCE: Ref. zh. Khimiya, Abs. 168214

TOPIC TAGS: methanol, methacrylate, glycol, polymerisation rate, molecular weight, monomer

ABSTRACT: With the use of the gas chromatography method on an INZ-600 brick with a selective liquid phase of polyethylene glycol 1000, it has been determined that the basic admixtures in industrial methacrylate are dimethyl ether, methylformate, methylpropionate, methanol, methyl- β -methoxypropionate, and three unidentified substances. An investigation was made of the effect of supplementing the detected admixtures to methacrylate on the polymerisation rate and the molecular weight of the polymer obtained by standard methods in emulsion at 40C. It was shown that up to 2% methanol increases the polymerisation rate and the molecular weight. Above 1% methylformate decreases the molecular weight and above 3% decreases the polymerisation rate. Methylpropionate sharply decreases the molecular weight and the polymerisation rate at a concentration of 0.5 to 1%. Acetaldehyde has no effect on the

Card 1/2

L 26723-66

ACC NR: ARG011876

polymerization rate, but it decreases the molecular weight. The addition of poly-
methylmethacrylate to a monomer causes an increase in the polymerization rate and a
decrease in the molecular weight. Hydroquinone, added to the monomer as the inhibi-
tor, causes a sharp drop of the polymerization rate and the molecular weight. V. Kopylov.
[Translation of abstract] (MF)

SUB CODE: 11,07/ SUBM DATE: none/

Card 2/2 *fy*

... 01-(2-bromodethyl) ...
...
... containing methyl (2-mercaptoethyl)thioacetate, but if the mixture

НИКОЛАЙЧУК, Н. (Riga); ВАНАГ, Г. [Vanaga, G.] (Riga)

New effective rodenticide, diphenylacetylimidations (diphentain).
In Russian, Vestis Latv sk no.5:81-84 '60. (SEAI 10:7)

1. Akademiya nauk Latvyskoy SSR, Institut organicheskogo sinteza.
(Diphenylacetylimidations) (Rodenticides)

1. NIKOLAYEVA, N. A.
2. USSR 600
4. Poultry
7. Methodology of making plans in collective farm poultry husbandry, Pticevodstvo, No. 1, 1953.

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

s/020/62/147/001/017/022
B106/B101

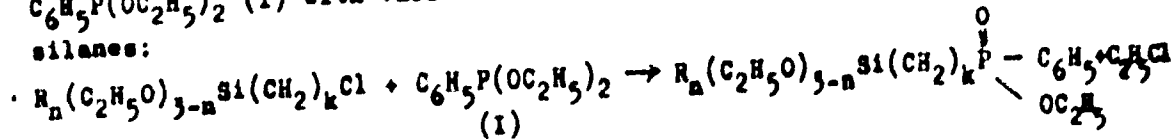
5.3(3)

AUTHORS: Chernyshev, Ye. A., Buzerenko, Ye. F., Nikolayeva, M. A.,
Petrov, A. D., Corresponding Member AS USSR

TITLE: Reaction between the diethyl ester of phenyl phosphinic acid
and α -, β -, and γ -chloro-alkyl alkyl alkoxy silanes

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 147, no. 1, 1962, 117-118

TEXT: In continuation of a study on the synthesis of compounds containing phosphorus and silicon (Ye. A. Chernyshev, Ye. F. Buzerenko et al., Izv. AN SSSR, OKhN, 1962, no. 6), ethyl esters of alkyl-ethoxy-silyl-substituted alkyl phenyl phosphinic acids were produced by reaction between $C_6H_5P(OC_2H_5)_2$ (I) with various α -, β -, and γ -chloro-alkyl alkyl alkoxy silanes:



$n = 0, 1, 2, 3; k = 1, 2, 3; R = CH_3, C_2H_5, C_6H_5, CH_2=CHCH_2.$

Card 1/3

NIKOLAYEVA, N.A.

KRASNOSELYANSKIY, L.S.; DABCHICH, V.V.; AVDIYENKO, T.G.; ARKHANGEL'SKIY, A.F.;
GAK, A.M.; YEFIMANTSEV, Ya.P.; KELINIKIY, V.M.; IVANOV, P.S.; IVASHCHENKO,
P.R.; KALININA, N.D.; KRATCHENKO, A.G.; KOPLYANOVA, A.V.; KUDRYAKOVA,
N.D.; LEVILOV, I.I.; LISKIN, R.I.; NIKOLAYEVA, N.A.; NADENKO, V.F.;
PERSHMAN, I.B.; PRISTYASHNIKOV, V.G.; POKHODILSKAYA, L.P.; POKALYUKOV,
S.N.; POPOV, A.A.; SCHOENSTEIN, M.N.; TARASOV, I.V.; FILONENKO, A.S.;
SHENOV, Ye.L.; SHADMAN, L.I.; YAKUBIN, N.P.; SVORTKINA, L.N., red.
isd-va; KOUKINA, L.N., techn.red.

[Horizontal mining in foreign countries] Provedenie gorizonttal'nykh
vyrabotok sa rubeshou. Moskva, Ugletekhnizdat, 1958. 342 p. (NIRA 12:4)

1. Khar'kov. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii
i mekhanizatsii shakhtnogo stroitel'stva.
(Mining engineering)

5(3)
AUTHORS:

Sokolova, N. V. (Deceased), Orestova, V. A., SOV/75-14-4-16/30
Nikolayeva, N. A.

TITLE:

Rapid Micromethod for Determining Halogens in Organic Compounds

PERIODICAL:

Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 4, PP 472-477
(USSR)

ABSTRACT:

Of all the known microanalytical methods of determining halogens in organic compounds the rapid micromethod according to Schöniger (Ref 5) is of special interest as it can be carried out by means of a simple apparatus. The organic substance is burned in a flask filled with oxygen. The halide formed is determined in the same flask. The authors modified the construction of the flask recommended by Schöniger, because it showed considerable disadvantages. The authors used an Erlenmeyer flask with a mouthpiece on its side. Thru a tap attached to the mouthpiece the flask is in connection with the surrounding air. A platinum wire is melted into the lower drawn-out end of the flask's ground in stopper. Such a flask is represented in this paper. The weighed-in sample is 3 - 15 mg, in case of very low halogen contents up to 50 mg. The weighed-in sample of the organic substance is wrapped in an ash-free filter and attached to the

Card 1/3

Rapid Micromethod for Determining Halogens in Organic Compounds

SOV/75-14-4-16/30

method is suitable for analysis of low molecular and also of high molecular organic compounds which are difficultly combustible. Sulfur and nitrogen in any kind of modification and lead do not disturb the determination. The method described has the advantage of a simple apparatus and a rapid operation and is recommended for serial analyses. There are 4 figures, 4 tables, and 16 references, 3 of which are Soviet.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy AN SSSR, Leningrad
(Institute for High Molecular Compounds, AS USSR, Leningrad)

Card 3/3

LEBEDEVA, A.I.; NIKOLAYEVA, N.A.; ORESTOVA, V.A.

Rapid simplified method for the microdetermination of carbon and hydrogen in monomeric and polymeric organofluorine compounds.
Izv. AN SSSR. Otd.khim.nauk no.7:1350-1352 J1 '61. (MIRA 14:7)

1. Institut vysokomolekulyarnykh soedineniy AN SSSR.
(Carbon—Analysis) (Hydrogen—Analysis)
(Fluorine organic compounds)

25053
S/075/61/016/004/003/004
B107/B207

5.5230

AUTHORS: Lebedeva, A. I., Nikolayeva, N. A., Orestova, V. A.

TITLE: Fast method of fluorine microanalysis in monomeric and polymeric organofluorine compounds

PERIODICAL: Zhurnal analiticheskoy khimii, v. 16, no. 4, 1961, 469-471

TEXT: In continuation of Schoeniger's studies (Ref. 16: Schoeniger W., Mikrochimica Acta 869 (1956)), the authors developed a fast method of fluorine microanalysis. It is based on the combustion of the sample, absorption into bidistillate and titration with thorium nitrate against alizarin S as indicator. The analysis of various organofluorine compounds shows that the error does not exceed -0.3%. (Two compounds were synthesized by T. V. Sheremeteva, Z. V. Borisova, V. V. Kudryavtsev). For reasons of comparison, some polymeric compounds were analysed by the new method and by the method of pyrohydrolysis with MgO (Ref. 14: Gel'man N. E., Korshun M. O., Novozhilova K. I., Zh. analit. khimii 15, 342 (1960)). The results are in good agreement, however, the new method is much simpler. Procedure: 10 ml bidistillate are filled into a 250 ml flask with standard

Card 1/3

25053

S/075/61/016/004/003/004
B107/B207

Fast method of fluorine ...

12 to 16 analyses can be made in six hours. Nitrogen, sulfur and chlorine exert no disturbing effect upon the analysis. There are 1 figure, 2 tables, and 17 references: 5 Soviet-bloc and 12 non-Soviet-bloc. The four references to English-language publications read as follows: Clark S. J. Quantitative Methods of Organic Microanalysis. Research Analyst. London, (1956); Rogers R. N., Vasuda S. K., Analyt. Chem. 31, 616 (1959); Senkowski B. Z., Wollish E. G., Shafer E. G. E., Analyt. Chem. 31, 1574 (1959); Ma T. S., Gwirtsman J., Analyt. Chem., 29, 140 (1957).

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy AN SSSR, Leningrad
(Institute of High-molecular Compounds, AS USSR, Leningrad)

SUBMITTED: September 12, 1960

Card 3/3

LEBEDEVA, A.I.; NIKOLAYEVA, N.A.

On the direct determination of oxygen in organic compounds. *Zhur.*
anal.khim. 18 no.8:964-968 Ag '63. (MIRA 16:12)

1. Institute of High Molecular Weight Compounds, Academy of
Sciences U.S.S.R., Leningrad.

LEBEDEVA, A.I.; NIKOLAYEVA, N.A.; ORESTOVA, V.A.; SHIKHMAN, Ye.V.

Microdetermination of carbon and hydrogen in thallium-containing
complex compounds. Izv. AN SSSR. Ser.khim. no.3:574-576 Mr '64.
(MIRA 17:4)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

ACCESSION NR: AP4042266

Discussion (S. G. Tsy^{pin}, collection "Voprosy" fiziki zashchity^{reaktoroy} (Problems in Reactor Shielding Physics), D. L. Broder, et al., ed. 1963, page 243). The iron-water constituted iron stacks measuring 1320 x 1360 x 117 mm, placed with certain gaps in a tank full of water measuring 1370 x 1390 x 2170 mm. The iron used was St-0 with density 7.86 g/cm³. The iron concentration in the water could be varied by varying the gap. The method for measuring the relaxation length is described. The results show that at concentration up to 10% of water by volume the efficiency for slowing down fast, thermal, and intermediate neutrons is approximately the same. In addition, the results agree with data on an iron-magnonite mixture (D. Wood, Nucl. Sci. Eng. v. 5, 45, 1959). It is also concluded that in the case of light and medium nuclei (including iron), the removal cross sections can be used for shielding calculations if the number of hydrogen atoms in the mixture is about 10--12%. This value is almost half that recommended by B. Price et al. (Shielding Against Nuclear Radiation, Moscow, Izd-vo inostr. lit., 1959). Orig.

Card 2/4

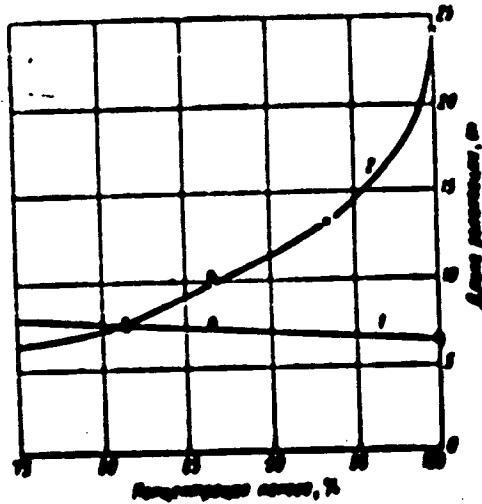
ACCESSION NR: AFN042266

ENCLOSURE: 01

Dependence of relaxation length of fast (1) and thermal and intermediate neutrons (2) on the volume concentration of iron in an iron-water mixture (the true density of the iron is 7.85 g/cc), as obtained from different sources using different indicators

Abscissas - iron concentration, %

Ordinates - relaxation length, cm



Card 4/6

LEFENOV, G.I.; MEYDAYSVA, N.A.; SHIKHMAN, Ye.V.

Simultaneous determination of carbon, hydrogen and thallium
in complex compounds. Zhur. anal. khim. 20 no.7:832-835 '65.
(MIRA 18:9)

1. Institute of High Molecular Weight Compounds, U.S.S.R.
Academy of Sciences, Leningrad.

NAUMOV, S.F., kand. arkhitektury; NIKOLAYEVA, N.A., inzh.;
TROFIMOV, Ya.N., arkhitekt

[Residential and public buildings; experience of the foreign
construction industries] Zhilye i obshchestvennye zdania;
opyt zarubeshnogo stroitel'stva. Moskva, Izd-vo lit-ry po
stroit., 1965. 246 p. (MIRA 18:7)

1. Akademiya stroitel'stva i arkhitektury SSSR. Tsentral'nyy
institut nauchnoy informatsii po stroitel'stvu i arkhitekture.

YENENKO, S.O.; NIKOLAYEVA, N.D.; SHUNGSKAYA, V.Ye.

Cytochemical study of the succinic dehydrogenase activity
in nerve cells of an adult rabbit under the conditions of
a tissue culture. Arkh. anat., gist. i embr. 49 no.11:39-
42 N '65. (MIRA 19:1)

1. Laboratoriya biofiziki zhivyykh struktur (rukovoditel' -
chlen-korrespondent AN SSSR prof. G.M. Frank) Instituta biologii-
cheskoy fiziki AN SSSR, Moskva.

NIKOLAIEVA, N.F. (Moskva)

State of respiration during surgery on the posterior cranial
fossa in children under intratracheal anesthesia. Vop.neiro-
khir. no.2:30-34 '62. (MIRA 15:3)

1. Kafedra neyrokhirurgii Tsentral'nogo instituta usovershenst-
vovaniya vrachey i Institut neyrokhirurgii imeni akad. N.N.
Bardukho MSU SSSR.

(INTRATRACHEAL ANESTHESIA) (BRAIN-SURGERY)
(RESPIRATION)

ANNOT, A.A.; NIKOLAYEVA, N.F.

Endotracheal anesthesia in pediatric neurosurgery. Vop. neirokir.
(MIRA 18:4)
28 no.6:20-25 M-D '64.

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni
institut neyrokhirurgii imeni akademika Burdenko AMN SSSR i
kafedra neyrokhirurgii Tsentral'nogo instituta usovershenstvovaniya
vrachey Ministerstva zdravookhraneniya SSSR, Moskva.

NIKOLAYEVA, N. G.

Dissertation: "Influence of the Feeding Area and Other Procedures of Agricultural Techniques on the Yield and Nature of Corn." Cand Agr Sci, Kishinov Agricultural Inst, 21 May 54. Sovetskaya Moldaviya, Kishinov, 6 May 54.

SO: SUN 284, 26 Nov 1954

NIKOLAYVA, N. G.; IVASHKOV, S. G.

Change in the grains of corn under the influence of increased
doses of 2,4-D. Uch. zap. Tir. gos. ped. inst. no. 9:201-205
'60. (MIRA 16:1)

(Corn(Wheat)) (2,4-D)

KAPLAN, Leonid Odal'yevich; SHAVRA, V.M., retsentsent; KURYLEV,
Ye.S., spets. red.; NIKOLAYEVA, N.G., red.

[Repair of the automatic control equipment of refrigeration
plants] Remont priborov avtomatiki kholodil'nykh ustanovok.
Izd-vo "Pishchevaia promyshlennost'," 1964. 46 p.
(MIRA 17:7)

RUBINOVICH, Lev Davidovich; KURILEV, Ye.S., spets. red.;
NIKOLAYEVA, N.G., red.

[Preparing a refrigeration unit to be put in operation]
Podgotovka kholodil'noi ustanovki k sdache v eksple-
atatsiiu. Moskva, Izd-vo "Pishchevaia promyshlennost',"
1964. 62 p. (MIRA 17:6)

KAPLAN, Leonid Odal'yevich; PETRUKHIN, Yuriy Mikhaylovich;
NIKOLAYEVA, N.G., red.

[Repair of small freon refrigerating machines] Remont ma-
lykh freonovykh kholodil'nykh mashin. Moskva, Ekonomika,
1964. 103 p. (MIRA 17:5)

SAVINA, Zoya Georgiyevna; SIKHAREV, Mikhail Ivanovich; SMEL'KIN,
Abram Fayvanovich; NIKOLAYEVA, N.G., red.; SINEL'NIKOVA,
TS.B., red.

[Guide for laboratory and practical studies of manufactured
goods] Rukovodstvo k laboratornym i prakticheskim zaniatiyam
po tovarovedeniiu promyshlennykh tovarov. Moskva, Ekonomika,
1965. 230 p. (MIRA 18:4)

NIKOLAYEVA, N.I.

Conference on the problem of the medical use of pyrimidine
derivatives. *Farm.i toks.* 24 no.6:760-761 N-D '61.

(MIRA 15:11)

(PYRIMIDINE)

SECRET

Disruption of operations and data processing systems of the Soviet Union and its allies is a high priority objective of the United States intelligence community. The intelligence community is currently conducting a comprehensive review of its capabilities in this area. This review is being conducted in the context of the ongoing efforts to improve the intelligence community's ability to detect and disrupt the activities of hostile intelligence services.

SECRET

"NIKOLAYEVA, N. I.

Nikolayeva, N. I.

"The neurological semiotics of brachyalgia." Turkmen State Medical Inst.
Ashkhabad, 1956. (Dissertation For the Degree of Candidate in Medical Science).

Knizhnyaya letopiya'
No 34, 1956, Moscow.

NIEDLAYEVA, N.I.

Treating fractures of the upper humerus by early physical exercises combined with novocaine block. Ortop. trava. protes., Moskva 19 no.6:60
N-D '58. (NIMA 12:1)

L. Is kliniki gospiatal'noy khirurgii (Zav. - prof. A. V. Gulyayev)
pediatr. fak-ta 2-go Moskovskogo meditsinskogo instituta imeni N. I.
Pirogova.
(HUMERUS--FRACTURES)

NIKOLAYEVA, N.I.

Treatment of fractures of the proximal end of the humerus.
Khirurgiya 35 no. 5:72-75 My '99. (MIRA 13:10)

1. In gosptal'nyy khirurgicheskey kliniki (sov. - prof. A.V. Oulyayev) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta im. N.I. Pirogova.
(HUMERUS—FRACTURE)

FURS, G.I.; NIKOL.YEVA, N.I.

Determination of maximum shear stress by means of a conic plastometer
of increased sensitivity. Zav.lab. 29 no.11:1339-1341 '63.
(MIRA 16:12)

1. Nauchno-issledovatel'skiy institut chasovoy promyshlennosti.

FUKS, G.I.; NIKOLAYEVA, N.I.

Effect of neutral electrolytes on coagulation interaction in a
suspension of glass globules. Dokl. AN SSSR 153 no.2:393-400
N '63. (MIRA 16:12)

1. Nauchno-issledovatel'skiy institut chasovoy promyshlennosti.
Predstavleno akademikom P.A.Rebinderom.

THROMBOCYTES

Thrombocytes as one of the sources of blood coagulation. *J. Biol. Chem.* **194**, *1947*, *1948*, *1949*, *1950*, *1951*, *1952*, *1953*, *1954*, *1955*, *1956*, *1957*, *1958*, *1959*, *1960*, *1961*, *1962*, *1963*, *1964*, *1965*, *1966*, *1967*, *1968*, *1969*, *1970*, *1971*, *1972*, *1973*, *1974*, *1975*, *1976*, *1977*, *1978*, *1979*, *1980*, *1981*, *1982*, *1983*, *1984*, *1985*, *1986*, *1987*, *1988*, *1989*, *1990*, *1991*, *1992*, *1993*, *1994*, *1995*, *1996*, *1997*, *1998*, *1999*, *2000*.

Thrombocytes contained a proteolytic enzyme like trypsin and also an amylase. Lipase was not found. Tests for presence of proteolytic enzymes were carried out on 7 samples of rabbit blood and 3 samples of human blood. Human blood gave a somewhat weaker test for proteolytic enzymes than dog blood possibly because some of the thrombocytes may have been lost in the process of obtaining the human blood. Samples were withdrawn from the femoral artery of dogs under ether anesthesia. The blood was then mixed with an equal vol. of 0.9% NaCl and centrifuged for 10 min. at the rate of 1000 revolutions per min. to separate the leucocytes and erythrocytes present. About 20% of the liquid was removed with a pipet and re-centrifuged for 10 min. at the same speed as before to make sure that all of the leucocytes and erythrocytes were removed. The salt was removed, thrombocytes in suspension was then centrifuged for 1/2 hr. at 5000 revolutions per min. A layer of white thrombocytes was observed in the centrifuge tube. Thrombocytes were washed, treated with alcohol and then re-centrifuged for 15 min. three times with distilled water (2 ml. for the thrombocytes from 200 ml. of blood). Data was carried out in the cold in covered test tubes. Some were made viscous by adding 1 ml. of 1% human blood obtained from the pharynx was treated in the same way to obtain thrombocytes. Proteolytic action of thrombocyte cells was tested by adding 1 ml. of rat to 2 ml. of a soln. of fresh egg white (5:100). The

egg white and thrombocyte cell were placed in a dialyzing bag. An egg white soln. with an amt. of distilled water equal to the vol. of thrombocyte cell used served as a control. Dialyzing bags were placed in fishmeyer flask containing 20 ml. of distilled distilled water. A few amyloids test in the water indicated the presence of proteolytic enzymes. Amyloids activity was tested by adding thrombocyte cell to capillary tubes containing starch soln. (starch 0.5 parts, agar-agar 2.5 parts, the soln. made up to 100 cc. with water). Tubes were incubated for 24 hrs. at 37°C. Mett's method was used for the lipase test. Thrombocyte cells were added to tubes containing whole milk and butter oil. The milk, butter oil was added to a water bath for 45 min. at 60°C. Formation of acid by splitting of fatty acids from the milk fat was the criterion for the presence of lipase. Tubes of whole milk with physical salt were added covered as a control.

VIKOLAYEVA, N. I.

VIKOLAYEVA, N. I. "The effect of certain chemical-medicinal substances on the vital properties of the leucocytes outside the organism", Trudy S.-ret. gos. med. in-ta, Vol. VI, 1947, p. 37-39.

So: 1-4631, 16 Sept. 53, (Letopis 'Zhurnal' g.let Staley, No. 24, 1949).

10/10/1977, p. 1.

MINIYAY VA, N. I. "The epidemiology of one of the sources of the disease",
Trudy Serst. gos. med. in-ta, Vol. VI, 1947, p. 31-35.

So: U-4631, 16 Sept. '63, (Latvian 'Zurnal' nykt Stetey, No. 24, 1949).

11-11-1944, T. T.

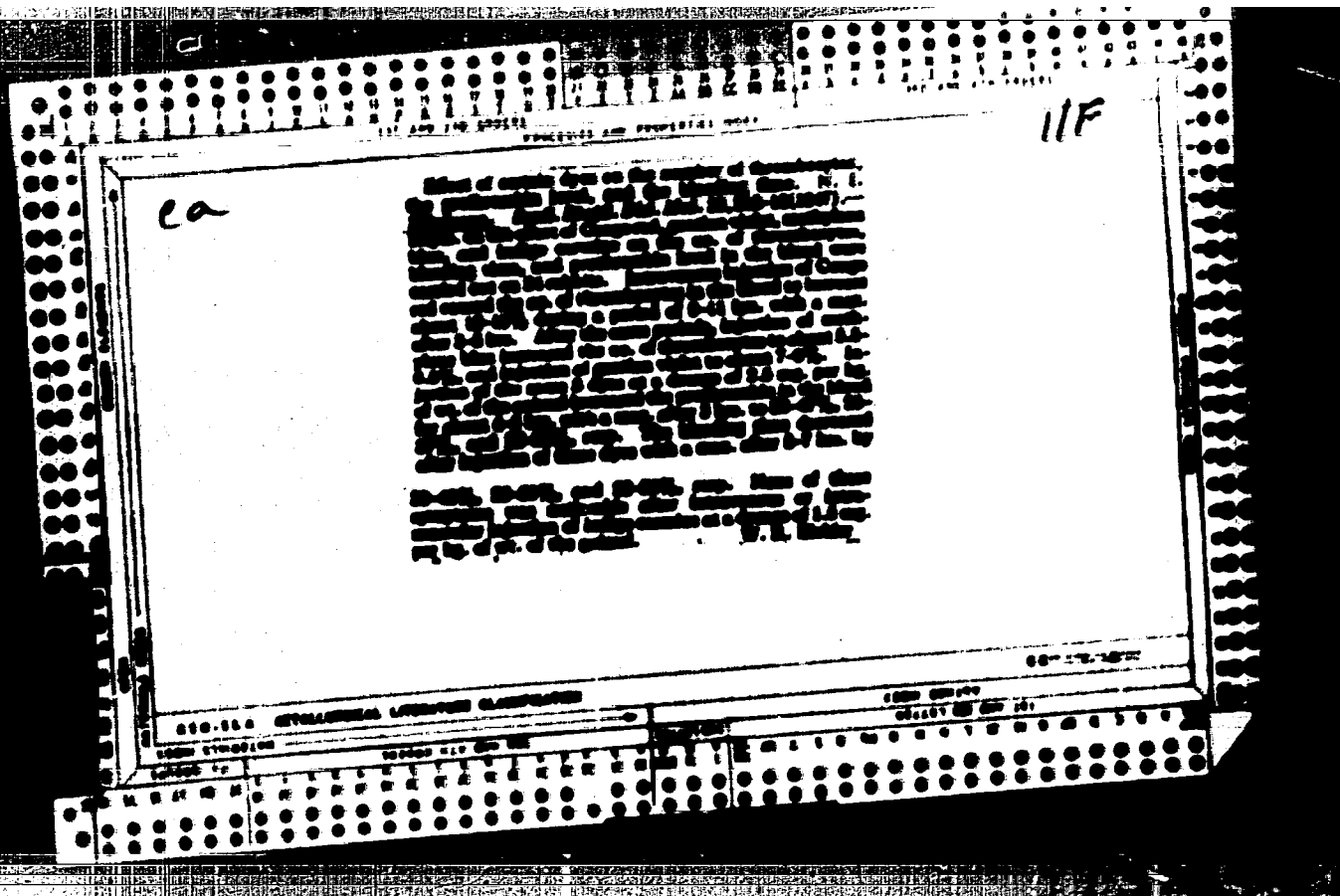
NIKOLAY VA, N. I. "The effect of certain toxic materials on the protein level of the blood", *Trudy Sverdlovsk. gos. univ.*, Vol. VI, 1947, p. 95-99.

See U-131, 16 Sept. 49, (Latopis 'Zurnal' opit. Staty, No. 10, 1949).

RUSSIAN, S.S.

NIKOLAYEV, N.I. "On the problem of the effect of the heat of milk and of autogenous blood on the infection of bacillus and streptococcus", Trudy Serbt. gos.med. in-ta, Vol VI, 1957, p. 121-25.

See: W-4631, 16 Sept. 53. (Letopis 'Zhurnal' nakt Statoy, No. 1, 1959).



IVANOVSKAYA, Ye.M.; NIKOLAYEVA, N.I.

Influence of zinc and copper salts on blood coagulability,
morphological composition, and bleeding time. Trudy Sar.
ges. med. inst. 26:10-11 '59. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra normal'noy
fiziologii (nav.prof. Ye.S. Ivanitskiy-Vasilenko).
(COPPER SALTS—PHYSIOLOGICAL EFFECT)
(ZINC—PHYSIOLOGICAL EFFECT) (BLOOD—COAGULATION)
(HEMORRHAGE)

NIKOLAYEVA, N.I.; IVANOVSAYA, Ye.M.

Prothrombin level and blood coagulability in white rats at various ages. Trudy Sar. gos. med. inst. 26:20-21 '99. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra normal'noy fiziologii (sov.prof. Ye.S. Ivanitskiy-Vasilenko).
(PROTHROMBIN) (BLOOD—COAGULATION)

USSR/Medicine - Physiology

FD-2094

Card 1/1 Pub 33-3/28

Author : Nikolayeva, N. I.

Title : Changes in excitability of various areas of the cerebral cortex during formation of motor conditioned reflexes

Periodical : Fisiol. Zhur, 1, 19-24, Jan/Feb 1955

Abstract : Results of experiment on a cat clearly indicate that the conditioned reflex pattern depends on lingering changes (increases) in excitability in that area of the cerebral cortex where stimulation is reinforced. Excitability of that area remains high during the entire period that the conditioned reflex remains intact. The neighboring areas do not display such changes in excitability. It was noted that signaling stimulus causes changes (increases) in excitability in the area where reinforcing stimulation is applied before conditioned motor reactions appears.

Institution : Chair of Human and Animal Physiology, Rostov-on-Don State University imeni V. M. Molotov

Submitted : January 25, 1954

EXCERPTA MEDICA Sec.2 Vol.10/9 Phy.Biochem. Sept 57
ИКОЛАЕВА Н.И.

0004. ИКОЛАЕВА Н.И. Dept. of Human and Animal Physiol., Meletov Univ.,
- (author) - Summation of excitation in the cerebral cortex
ИЗБОЛ. 2. 1967, 43/1 (33-39) Стр. 3 (Russian text)

Various parts of the brain in cats were stimulated by means of inserted, heated-
in electric rods in chronic experiments, together with application of acoustic and
visual stimuli. There was a definite summation effect of subthreshold stimuli as
well as weak stimuli slightly exceeding the threshold, when applied to the same or
to different receptors. Simmons - Minneapolis, Minn.

NIKOLAEV, E.I.

Changes in the excitability of nerve cells of different analyzers
due to the action of adequate stimuli. *Fiziol. zhur.* 46 no.11:1366-
1372 N '60. (MIRA 13:11)

From the Chair of Man and Animal Physiology, State University,
Moscow-U.S.S.R.
(GENERAL CORTEX) (SENSES AND SENSATION)

NICOLAYEVA, N.L.

Human Physiology

Dissertation: "On Changes of excitability of Nerve Structures of the Cerebrum in the Development of Conditioned Reflexes." Dr Biol Sci, Moscow Order of Lenin State U imeni M.V. Lomonosov, Biology Soil Faculty, 26 Mar 54. (Vechernyaya Moskva, Moscow, 16 Mar 54).

SO: SUM 213, 20 Sep 54

NIKOLAYEVA, E.M.; PARAMONOVA, V.I.; KOLYCHEV, V.B.

Studying the hydrolysis of uranyl in nitrate solutions. Izv.
Sib. otd. AN SSSR no.3:70-79 '62. (MIRA 17:7)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya
AN SSSR, Novosibirsk i Leningradskiy gosudarstvennyy universi-
tet.

PARAMONOVA, B.I.; NIKOLAIKVA, N.M.

Use of ion exchange to study the state of a substance in a solution. Part 8: Study of solutions of uranyl carbonates by ion exchange. Radiokhimiya 4 no.1:84-89 '62. (MIRA 15:4)
(Uranyl carbonate) (Ion exchange)

PARAMONOVA, V.I.; NIKOL'SKIY, B.P.; NIKOLAYEVA, N.M.

Interaction of uranyl nitrate solutions with alkali metal carbonates. *Zhur.neorg.khim.* 7 no.5:1028-1035 My '62.

(MIRA 15:7)

1. Leningradskiy gosudarstvennyy universitet, kafedra radiohimii.
(Uranyl nitrate) (Alkali metal carbonates)

NIKOLAYEV, N.P.

Interaction of solutions of uranyl nitrate and sodium malonate.
Izv. SO AN SSSR no.3 Ser. khim. nauk no.1:60-67 '65.

(MIRA 18:8)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN
SSSR, Novosibirsk.

NIKOLAYEVA, N.M.; PTELOV, B.V. [deceased]; ZVERKOVA, I.I.

Hydrolysis of potassium chloroplatinate. Zhur. neorg. khim.
10 no.5:1051-1057 My '65. (MIRA 18:6)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya
AN SSSR.

NIKOLAYEVA, N.M.; OTINDIN, B.V. (deceased); PASTUKHOVA, G.B.

Hydrolysis of potassium chloroplatinate. Zhur. neorg. khim.
10 no.5:1058-1061 My '65. (MIRA 18:6)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN
SSSR.

DUIROVIN, Yevgeniy Nikolayevich; TURCHIKHIN, Emmanuil Yakovlevich
Prinimal uchastiye NAUMENKO, V.S., kand. tekhn. nauk;
NIKOLAYEVA, N.M., red.

[Prestressed reinforced concrete in the construction of
city streets] Predvaritel'no-napriazhennyi zhelezobeton v
stroitel'stve gorodskikh doreg. Moskva, Stroimidat, 1965.
302 p. (MIRA 18:12)

NAVROTSKIY, V.K.; TARNOPOL'SKAYA, M.M.; KONGELARI, S.S.;
NIKOLAYEVA, N.M.

State of the general immunobiological reactivity of the body
and morbidity among foundry workers. Vest. AMN SSSR 18 no.2:
32-41 '63. (MIRA 17:7)

1. Ukrainskiy institut usovershenstvovaniya vrachey i Ukrainskiy
institut gigiyeny truda i profsabolevaniy, Khar'kov.

Nikolayeva, N.M.
NAVROTSKIY, V.E., prof.; LUKASHOV, V.I.; NIKOLAYEVA, N.M.; TIRASPOL'SKAYA.

Effect of chronic aniline poisoning on the course of pulmonary tuberculosis in rabbits. Vrach.delo no.1:59-63 Ja '59. (MIRA 11:3)

1. Kafedra gigiyeny truda Shar'kovskogo instituta usovershenstvovaniya vrachey. 2. Chlen-korrespondent AMN SSSR (for Navrotsky)
(ANILINE--PHYSIOLOGICAL EFFECT) (TUBERCULOSIS)

BEREZHKOV, L.F.; GANOVA, I.I.; YELIZAROVA, Z.I.; USHAROVA, A.V.; GUMBEROVA,
N.G.; NIKOLAYOVA, N.M.

Characteristics of the course of toxic forms of diphtheria of the
pharynx in children during 1954-1955. Nauch. rab. asp. i klin. ord.
no.6:61-67 '60. (MHA 14:12)

1. Kafedra pediatrii (nav. deystvitel'nyy chlen AMN SSSR prof. G.N.
Speranskiy) Tsentral'nogo instituta usovershenstvovaniya vrachey.
(DIPHTHERIA) (PHARYNX DISEASES)

TSEYLOW, D.I., inzh.; FRENKEL', I.M., kand. tekhn. nauk, red.; NIKOLAYEVA,
N.M., red.; SHEVCHENKO, T.N., tekhn. red.

[High-strength concretes.] Vysokoprechaya betony. Moskva,
Gostroiizdat, 1963. 66p. (Akademiya stroitel'stva i arkhitektury
SSSR. Institut betona i zhelezobetona, Perovo. Nauchnye soob-
shcheniya, no.15) (MIRA 16:11)

NIKOLAYEVA, N.M.; LEVCHENKO, D.M.

Dependence of the demulsifying activity of surfactants on
their structure. Khim. i tekhn. topl. i masel 9 no.9:26-29
5 '64. (MIRA 17:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke
nefti i gaza i polucheniyu iskusstvennogo zhidkogo topliva.

NIKOLAYEVA, N.M.; LERIDA, A.T.; LEVCHENKO, D.N.

Testing alkylene oxide block copolymers as demulsifiers on an electric desalter. Neftepar. i neftekhim. no.4:7-9 '65.

(MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefi i gaza i polucheniyu iskusstvennogo zhidkogo topliva.

RUDNAI, D'yula [Rudnai, Gyula]; MASLOBOYSHCHIKOVA, V.M. [translator];
BUZNEVICH, G.A., kand. tekhn. nauk, red.; NIKOLAYEVA, N.M.,
red.

[Lightweight concrete] Legkii beton. Moskva, Stroimdat,
1964. 239 p. (MIRA 17:6)

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APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001137120007-9"

GRUZIN, P.L.; ZEMKIN, S.V.; Prinsipala uchastiy: NIKOLAYEVA, N.N.

Effect of carbon and molybdenum on the diffusion mobility of
carbon in steel. Met. i metalloved. khim. met. no.3:225-232
'61. (MIRA 15:6)

1. Moskovskiy inzhenero-fizicheskii institut (for Nikolayeva).
(Steel--Metallography) (Diffusion)

SHCHERBATENKO, V.V.; GOGOBERIDZE, N.I.; GOLUBEV, N.A.; FIRSOVA, A.V.;
NIKOLAYEVA, N.N.; YEVSEYEVA, A.M.; KONTORSKAYA, Z.D.

Development of optimum systems for baking different wheat bread
varieties in order to improve their taste and flavor characte-
ristics. Trudy TSNIKHP no.10:43-52 '62.

(MIRA 18:2)

NIKOLAYEVA, N. S., ENG

Dissertation: "Concentrated Solutions of Cellulose in Quaternary Ammonium Iones."
Card Tech Sci, Moscow Textile Inst, 22 Apr 54. (Vechernyaya Moskva, Moscow, 13 Apr 54)

SO: SUM 243, 19 Oct 1954

