KUZIN, A.A.

M.V. Lomonosov's work in behalf of the Board of Mines. Vop. ist. est. i tekh. no.13:114-117 '62. Vop. ist. est. i tekh. no.13: 114-117 '62. (MIRA 16:5)

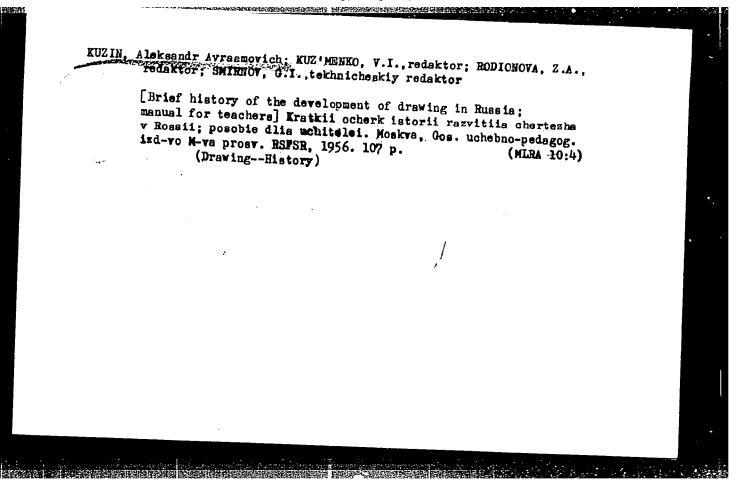
(Lomonosov, Mikhail Vasil'evich, 1711-1865)

TROSHIN, Anatoliy Konstantinovich; KUZIN, A.A., otv. red.;
SKACHKOV, S.A., red. 12d-va; RYLINA, Yu.V., tekhn. red.

[Ivan Evstaf'evich Vlasov, a Russian voivode and mineralogist of the 17th century] Ivan Evstaf'evich Vlasov - voevoda - rudoznatets XVII v. Moskva, Izd-vo AN SSSR, 1963.

45 p. (MIRA 16:11)

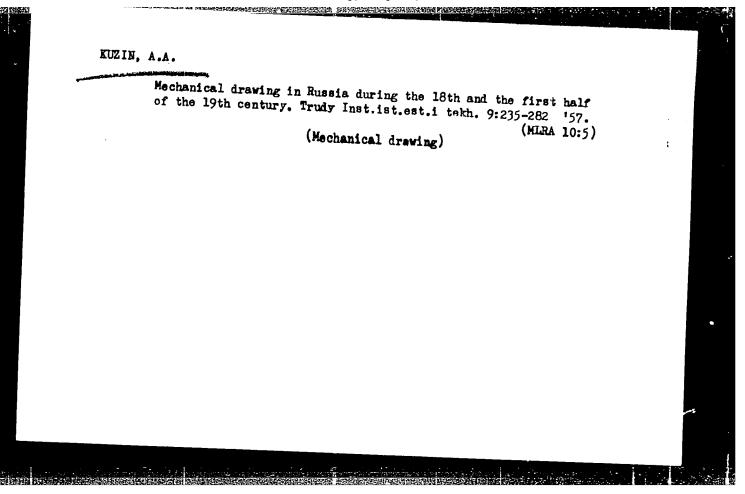
(Mineralogists) (Vlasov, Ivan Evstaf'evich, 1628-1710)

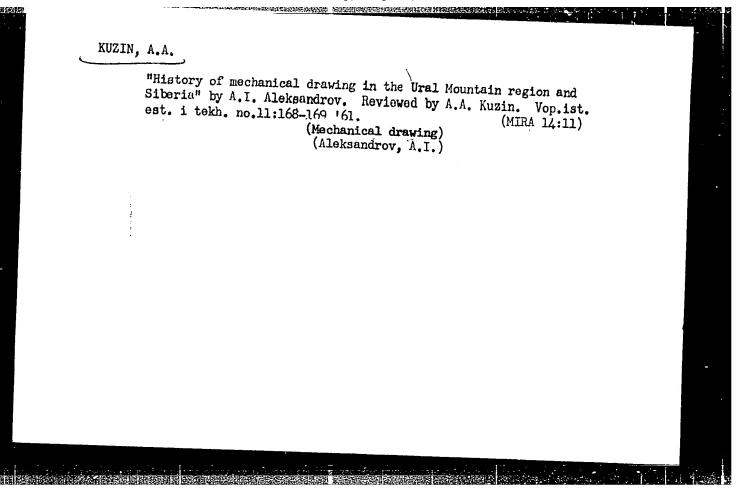


KUZIN, A.A.

The history of mechanical drawing in Russia during the second half of the nineteenth and the beginning of the twentieth century. Trudy Isnt.ist.est. i tekh. 8:166-184 56. (MLRA 9:9)

(Mechanical drawing)





KUZIN, A. I., Engr

USSR/Metals - Welding

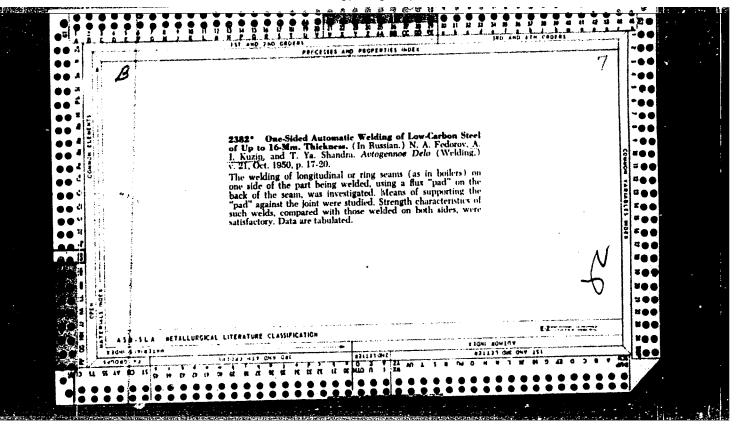
Oct 50

"One-Sided Automatic Welding of Low-Carbon Steel Up to 16 Millimeters Thick," Engineers

"Avtogen Delo" No 10, pp 17-20

Suggests one-sided welding under flux as most economical method, not requiring preliminary preparation of edges. Describes development of method for welding 900-1,032 mm diameter boilers made of steel 13-16 mm thick and construction of fluxsupplying devices for straight and circular joints. Mechanical characteristics are no lower than those of joints welded from both sides.

PA 167T85



USSR/Engineering - Welding, Materials

Mar 52

"Electrode Coating BKZ," A. I. Kuzin, Engr

"Avtogen Delo" No 3, p 24

MUZIN, A. I.

Describes coating which improves slag separability and decreases porosity of weld metal, giving compn: 30% hematite, 29% feldspar, 27.2% low-carbon ferromanganese, 9.2% manganese ore, 4.6% starch and water glass in 30/35 ratio, dry wt. Discusses possibility of using blast-furnace ferromanganese instead of that made in elec furnace.

212T26

USSR/Engineering - Welding, Boilers Apr 52

"Welding in the Fabrication of Low-Power Steam
Boilers at Blysk Boiler Plant," A.I. Kuzin, Engr

"Avtogen Delo" No 4, pp 21-25

Describes methods of rapid manual welding, automatic welding under flux and semiautomatic hose velding, and also special stands for holding and operations. Briefly discusses X-ray control of velded seams. Vol of automatic welding executed at plant in 1951 amounts to 8024 if production of 1948 is taken as 1006.

Use of electric slag welding for the repair of locomotive plate frames. Agree. saur. 14 no.11:42-46 N '61.

1. Feltavskiy pareverorementary saved (for Gayovoy, Kuzin).
2. Ordom Trudovogo Krasnogo Znamoni institut elektrosyarki (Locomotives-Naintonanco and repair)

(Electric welding)

KUZIN, A.I., starshiy prepodavatel

[Testing structures and structural elements] Ispytanie stroitel'nykh sooruzhenii i konstruktsii; uchebno-metodicheskoe posobie dlia studentov zaochnogo fakul'teta. Gor'kii, 1962. 120 p. (MIRA 16:4)

1. Gorki. Inzhenerno-stroitelinyv institut.
(Building research)

KUZIN, A.I.

Spot welding of ties for the fastening of lumber. Avtom. svar. 16 no.9:83-85 S '63. (MIRA 16:10)

1. Poltavskiy parovozorsmontnyy zavod.

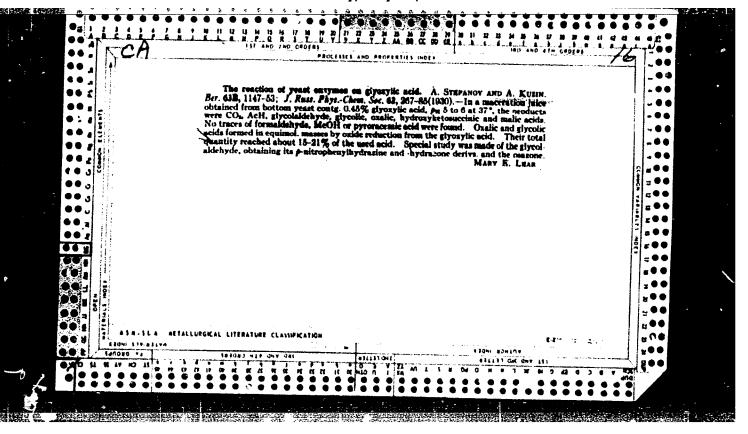
GAYEVOY, T.V.; KUZIN, A.I.; ASNIS, A.Ye.; GUTMAN, L.M.

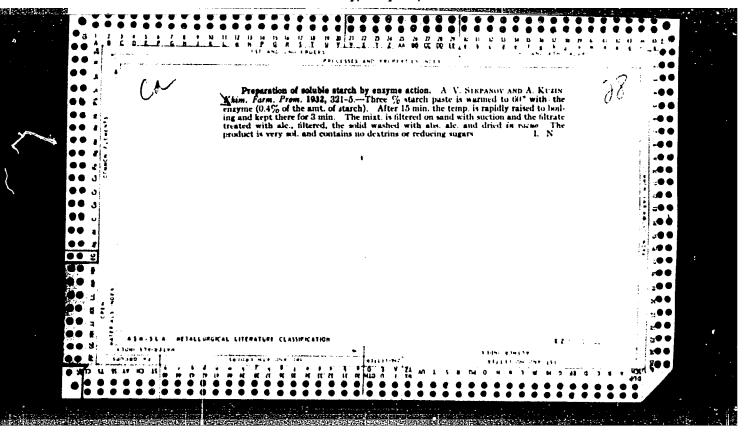
Welding up cracks in locomotive wheels by the electric slag method. Avtom. svar. 16 no.12:73-78 D '63.

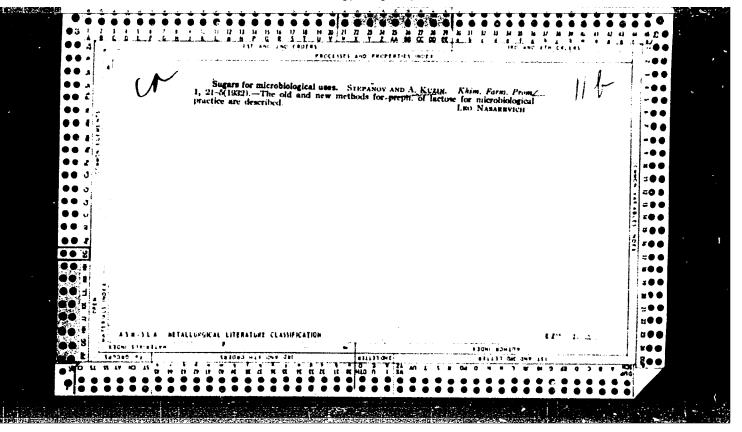
- The Company of the

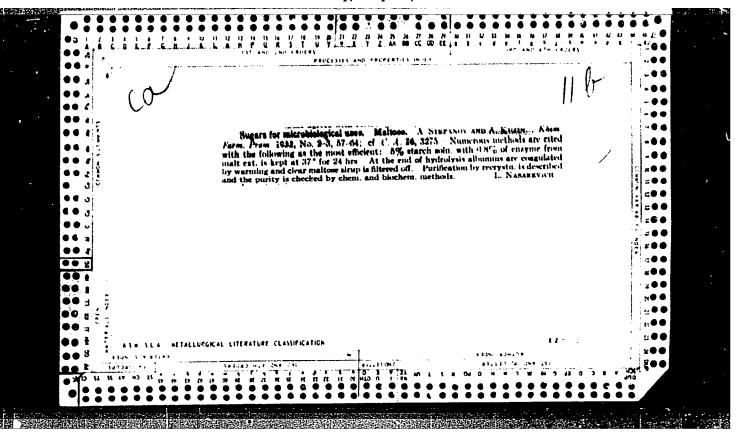
(MIRA 17:1)

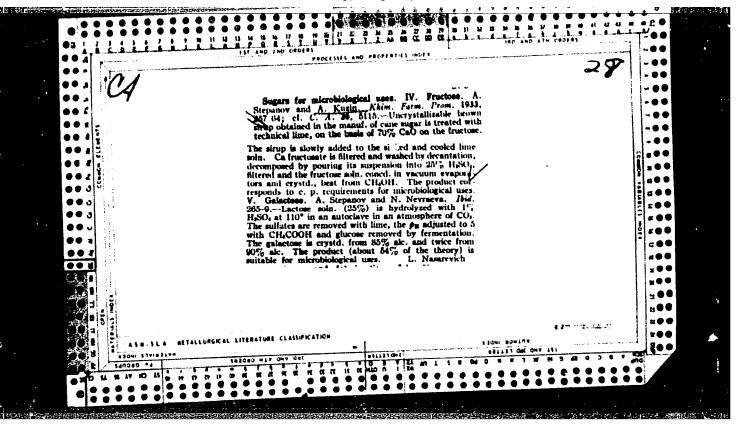
1. Poltavskiy parovozoremontnyy zavid (for Gayevoy, Kuzin).
2. Institut elektrosvarki imeni Patona AN UkrSSR (for Asnis, Gutman).

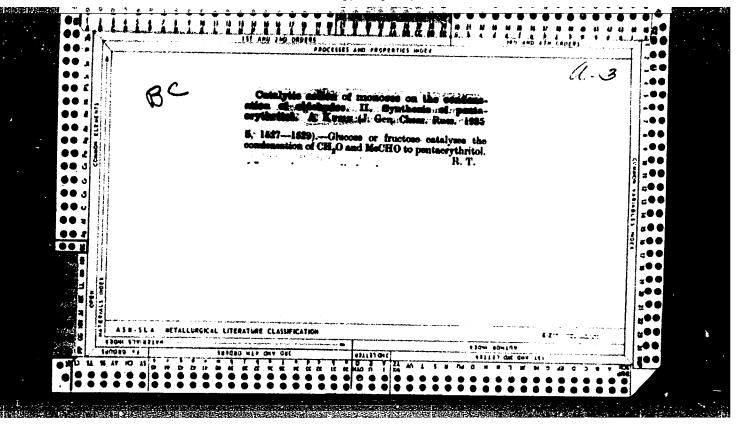


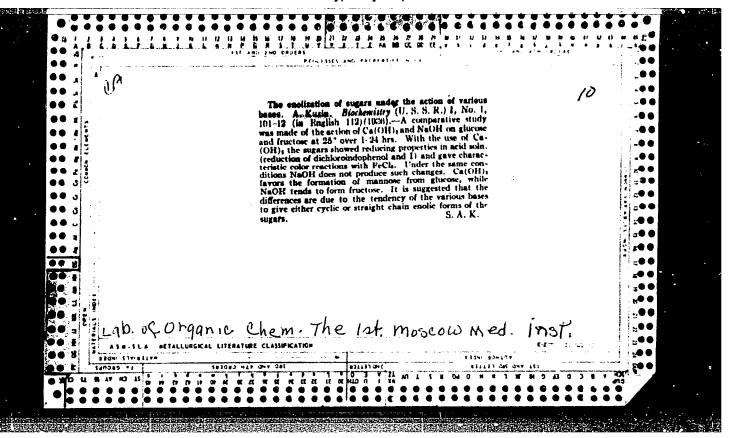






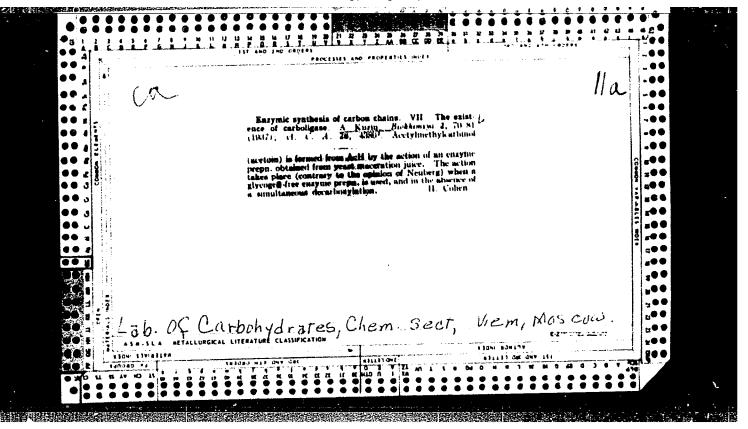


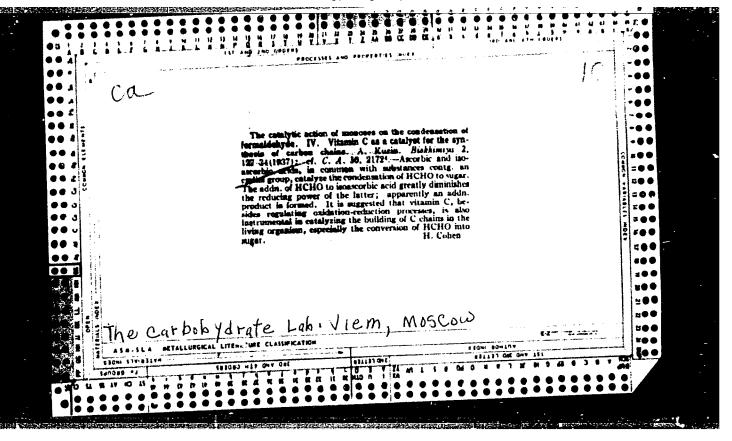


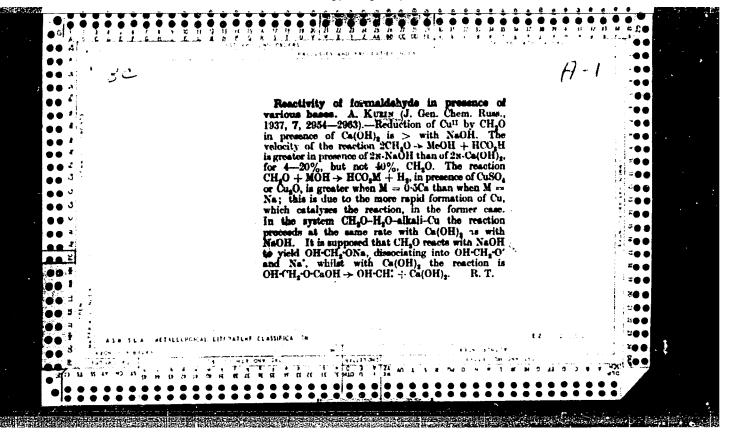


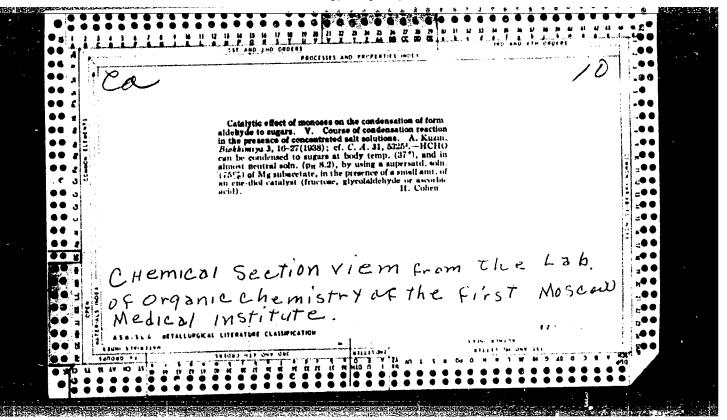
KUZIN, A.

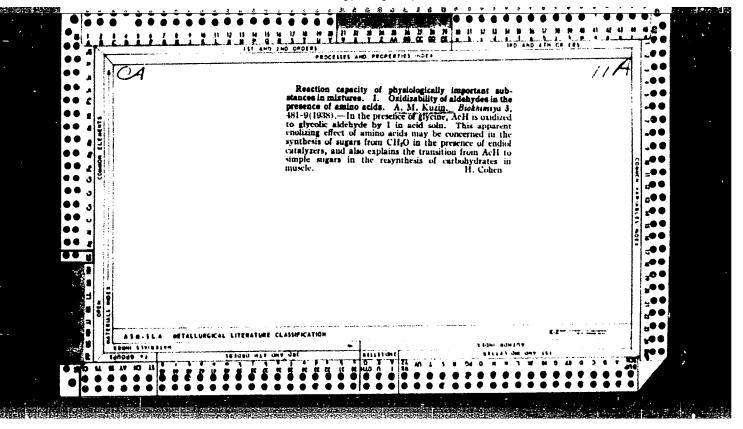
On the active form of simple sugars. II A comparative study of he oxidizability of 6- glucosephosphate and glucose, A. KUZIN and A. KOCHIN (CARBOHYDRATE LABORATORY, VIEM, MOSCOW) vol. 1, no.6, p.676, 1936.

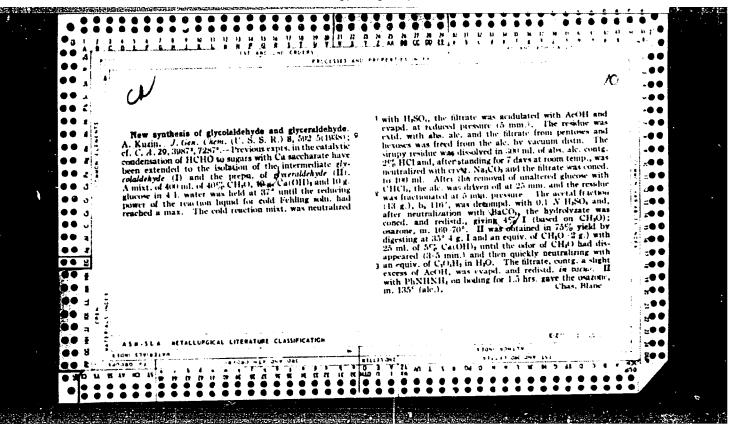


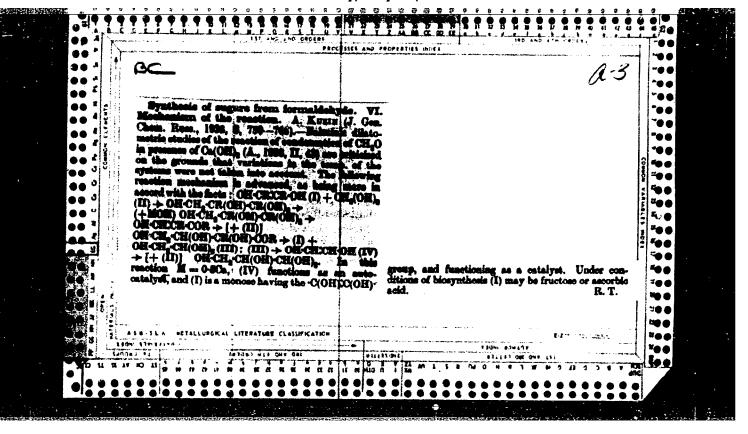


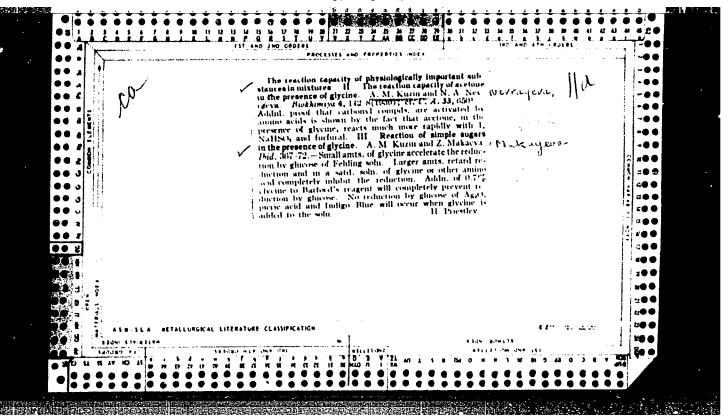


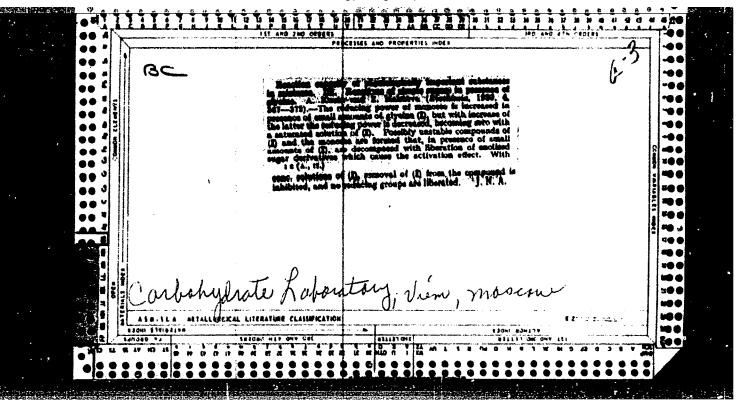


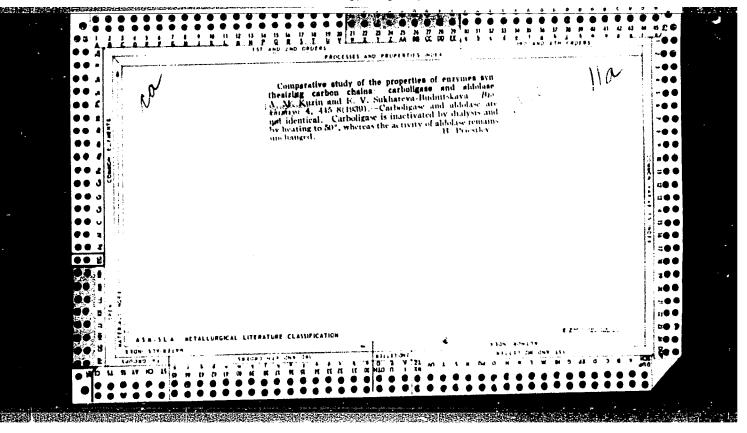


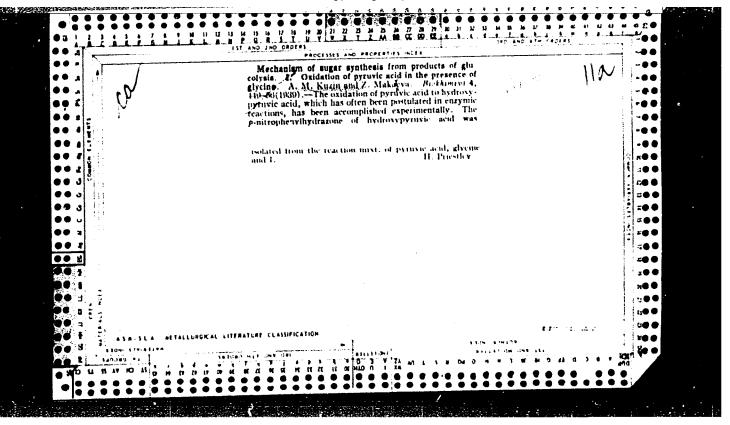


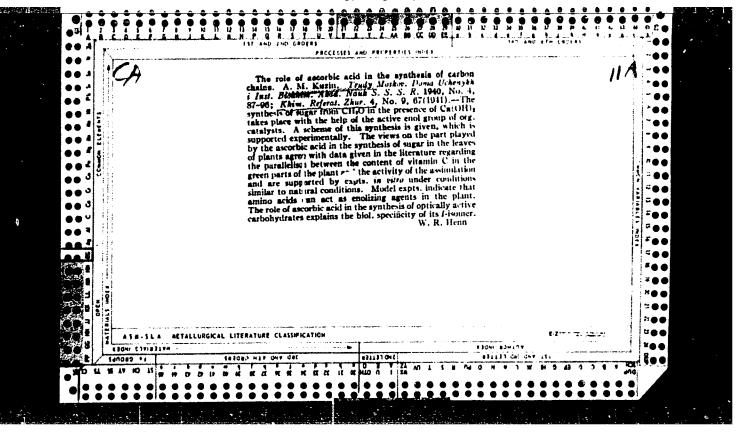


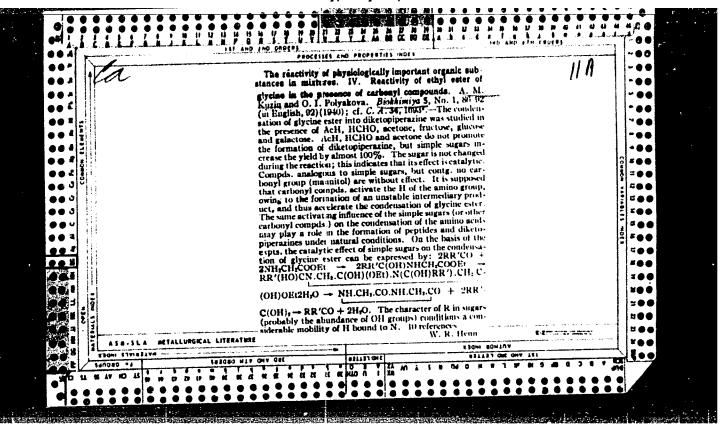


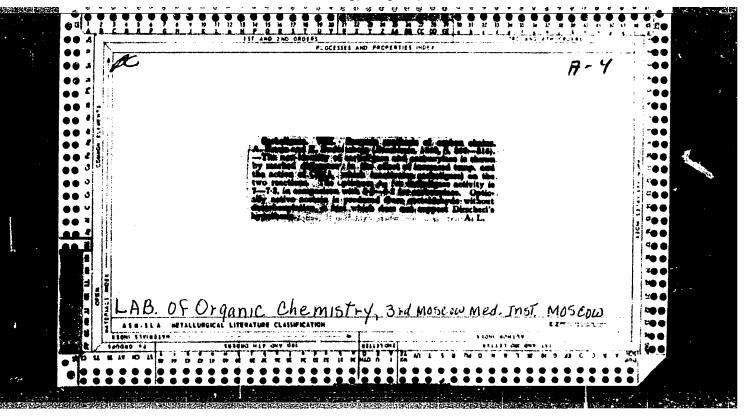


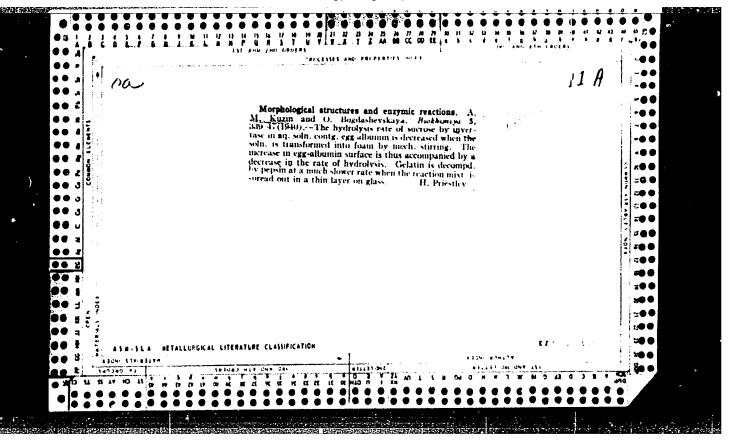


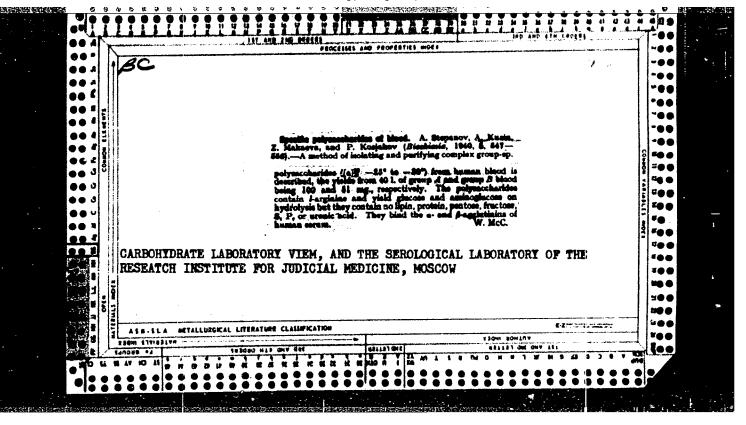


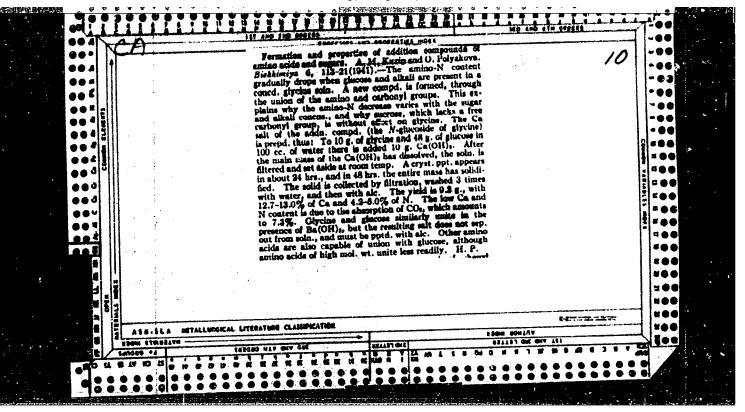


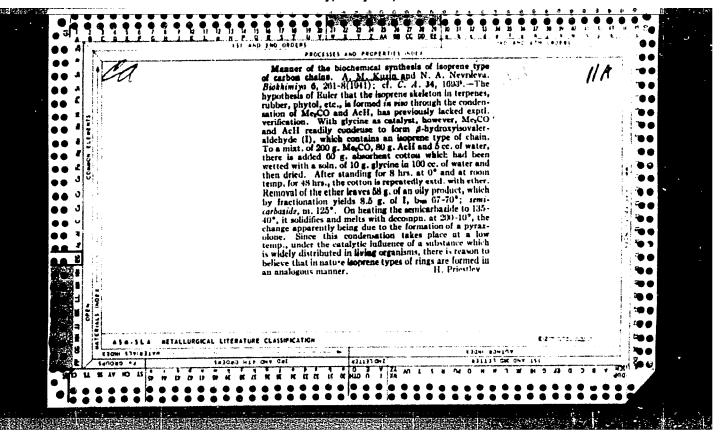


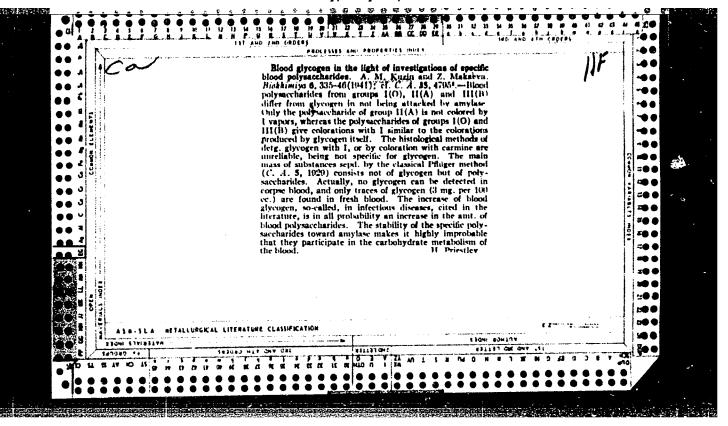


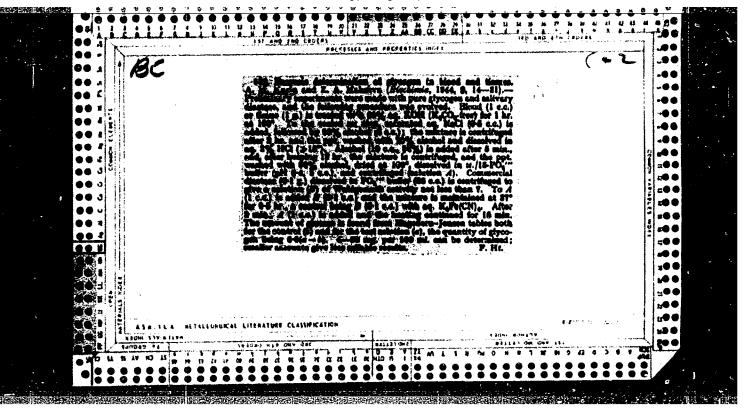


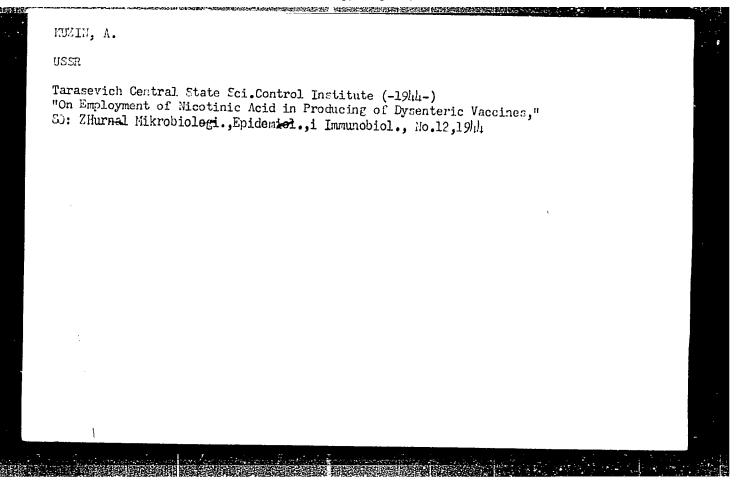


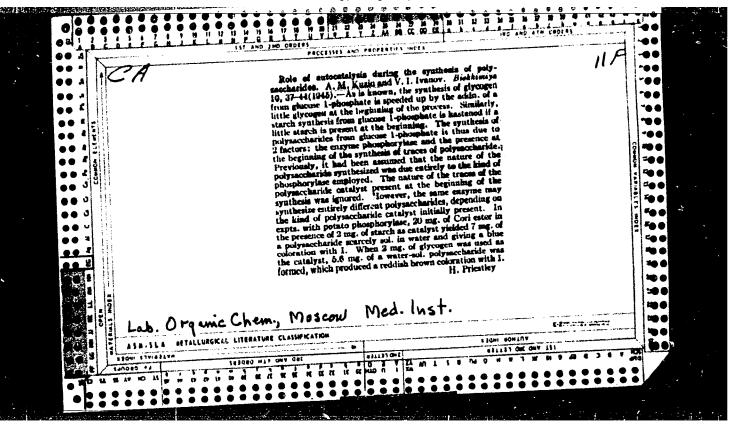


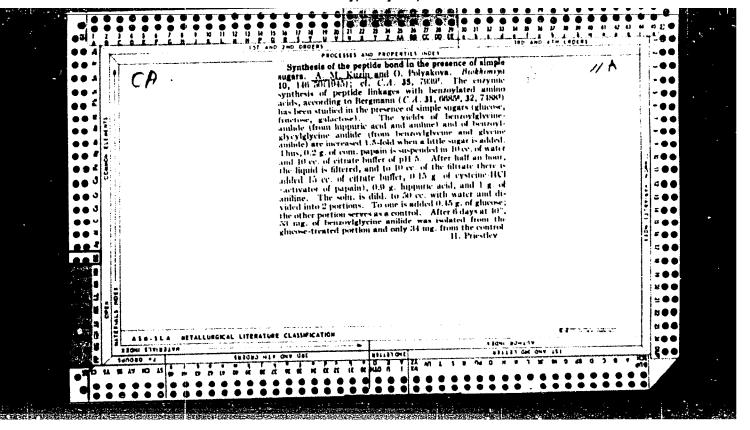


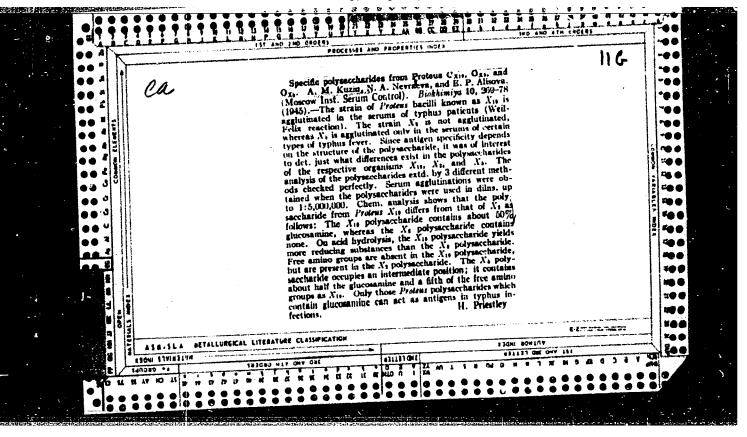




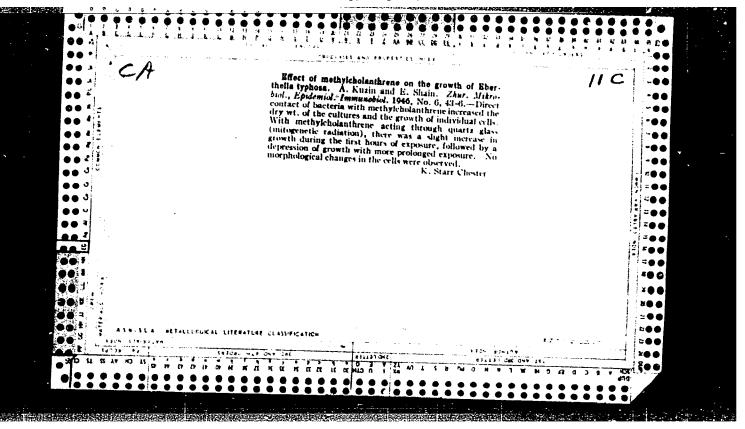


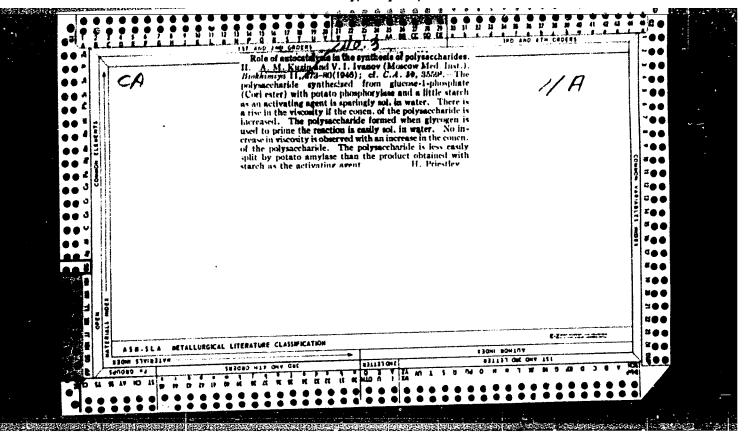


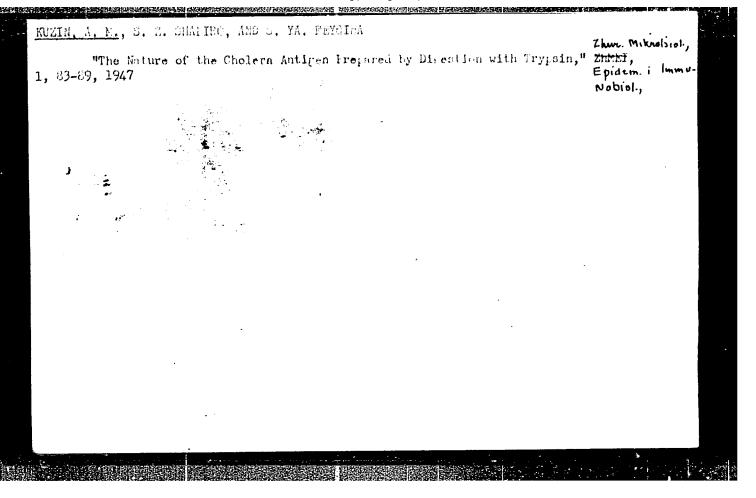




"Khimiya i biokhimiya rstorennykh mikrobov (Chemistry and Biocheristry of Fathogenic Microorganisms), Medgiz, 1946	KUZIII, A. M.			
	"Khimiya i biokhimiya rstogennykh mikrobov Pathogenic Microorganiams), Medgiz, 1946	(Chemistry and Biocheristry of	·	
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Fa 36T41

KUZIN, A. M., Prof.

THE RESERVE OF THE PROPERTY OF

USER/Medicine - Antigens and Antibodies Nov 1947
Medicine - Immunity

"The Chemistry of Antigens," Prof A. M. Kuzin, 42 pp

"Zhur Mikrobiol, Epidemiol 1 Immunobiol" No 11

One of the basic questions of the chemistry of antigens is that of the development of effective methods of extracting pure antigens from microbe cells. This presents itself as a purely chemical problem of isolating a substance, studying its chemical structure, and establishing the connection between their properties and the structural properties of these substances. Article is largely a historical account of the work done on antigens by Russian scientists.

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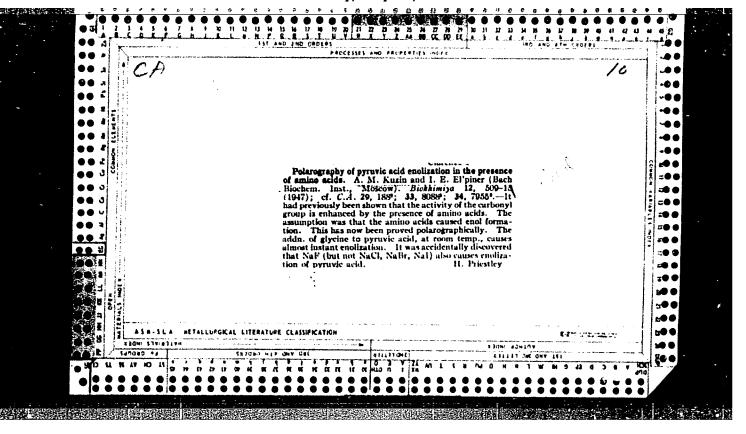
KUZIN, A.M., NEV RAYEVA, N.A.

"The Formation of Antibodies in Vitro" SO: Biokhimiya, Vol.XII, No.1, Jan 19h7

USSR/ Medicine - Antibodies Medicine - Microbiology

Jan 1947

Experiments on antibody formation in vitro with methylene blue, polysaccharides derived from Shigella dysenteriae and paradys Flexner, full antigens derived from Shigella dysenteriae and paradys Flexner, etc., as antigens. Results largely negative.



KUZIN, A. M.

PA 21199

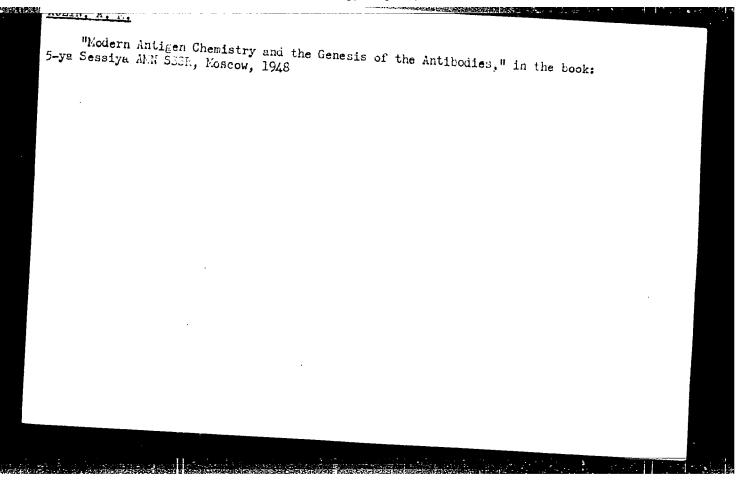
USER/Medicine - Saccharides Jun/Aug 1947 Medicine - Proteins

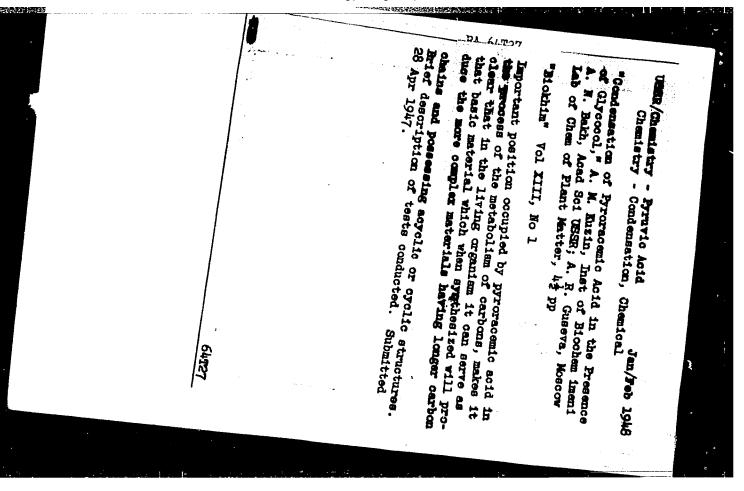
The Specific Polysaccharide Complexes of Macroorganisms, " A. M. Kuzin, I. S. Buyanovskaya, A. M. Rykaleva, W.I. Kuzina, Laboratory of Immunology, Institute of Biological Prophylaxy of Infections, Moscow, 10 pp

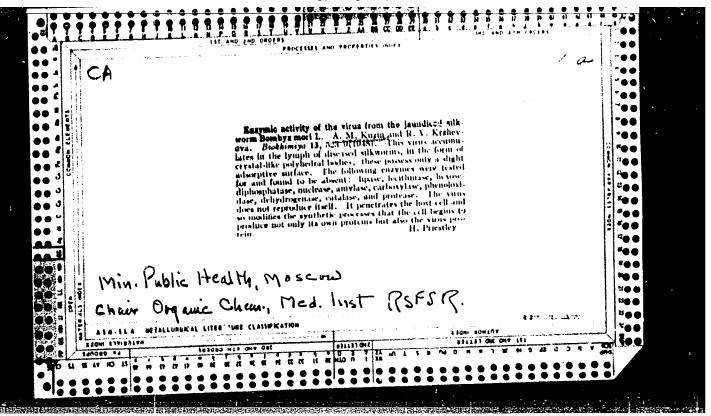
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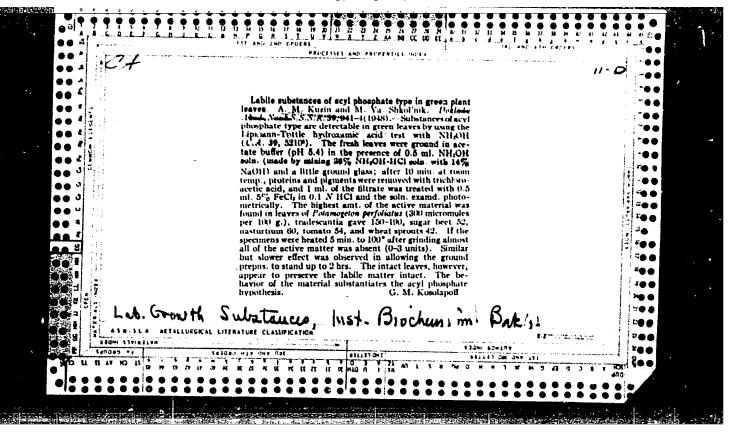
"Biokhimiya" Vol 300, No 4

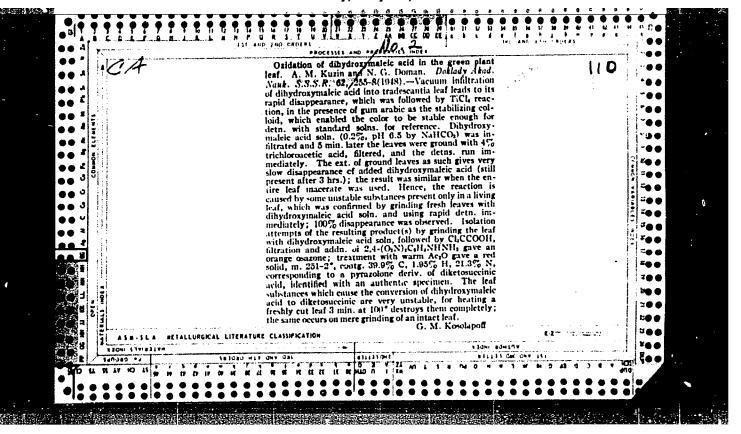
Polysaccharide complexes are isolated by special methods, from tissues of guinea pigs, white mice and human tissues. Investigation shows: Polysaccharideprotein complexes amount to 0.2 - 1.0% of weight of dry tissue; they have antigenic properties; dilutions of even 2:105 can be tested by sendlogic reactions, for the presence of such complexes.

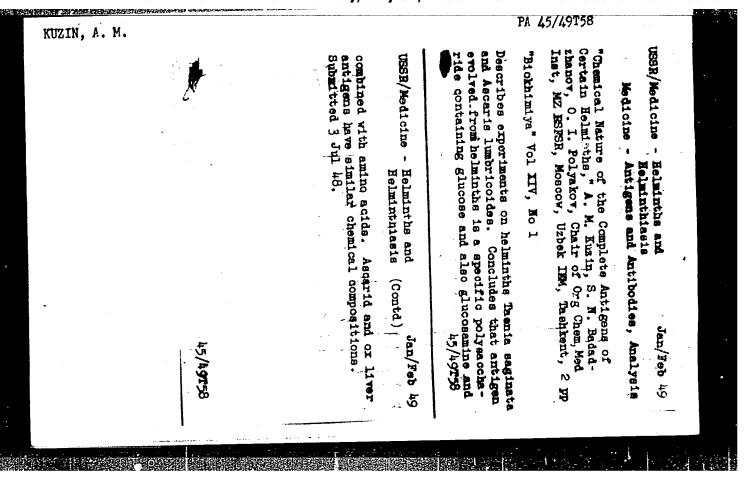


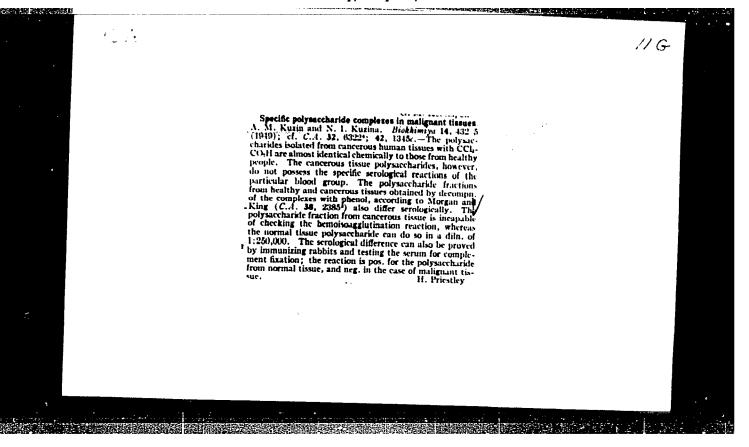






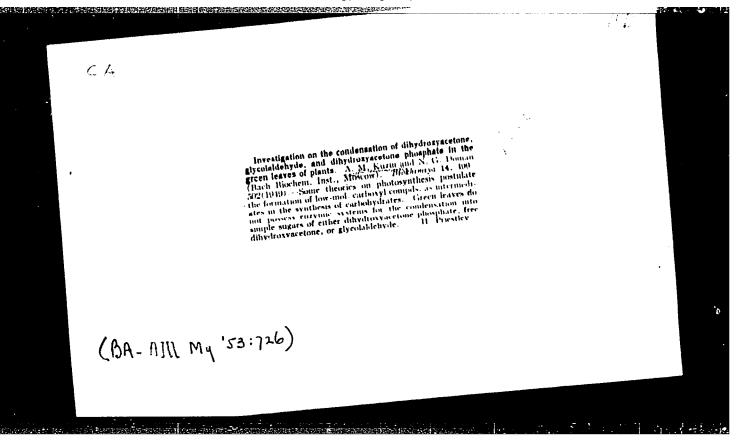






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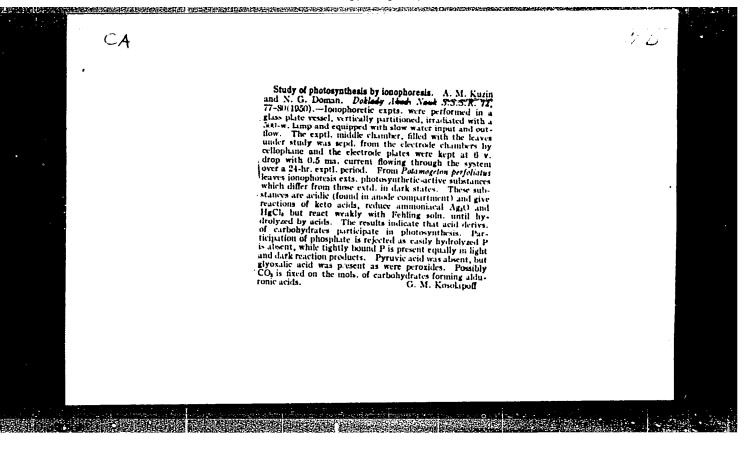


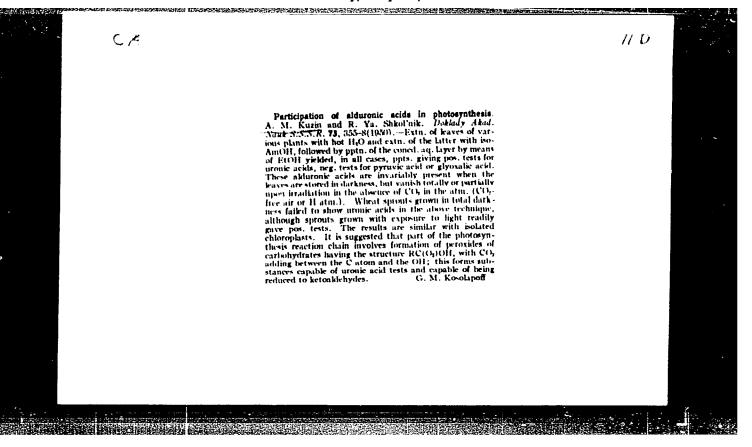
KUZIN, A.M.	ra /1/49751
Wedicine - Plant Physiology Apr 49 Medicine - Hydroxylamines Medicine - Hydroxylamines Medicine - Hydroxylamines Medicine - Hydroxylamines "The Chemical Mature of Certain Unstable Sub- stances in the Green Leaves of Plants," A. M. Kuzin, R. Ya. Shkol'nik, Lab Chem of Plants Sub- stances, Inst Blochem imeni A. M. Bakh, Acad Sci USSR, 4 pp 65 "Dok Ak, Nauk SSSR", Vol LXV, No 4 . p. f. p. f. p. sea un- are present in green leaves of plants. These un- are present in green leaves of plants. These un- atable peroxides set up the reaction of hydroxamic acid formation during action of hydroxylamine on acid formation during action of hydroxylamine on (Contd) the leaf. Submitted by Acad A. I. Oparin, the leaf. Submitted by Acad A. I. Oparin, 2 Feb 49.	*1/49751

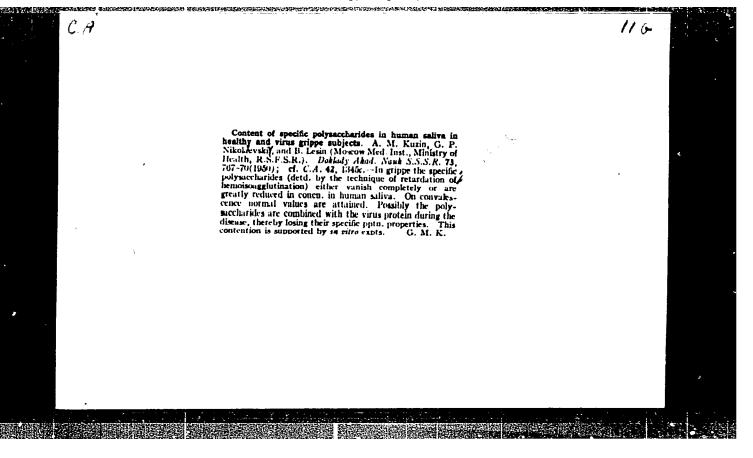
PA 39/49T84 KUZIN, A. M. USSR/Medicine - Plant Physiology Apr 49 Medicine - Photosynthesis "The Importance of Unstable Peroxides From the Green Leaves of Plants for Photosynthesis," A. M. Kuzin, R. Ya. Shkol'nik, Lav Plant Chem, Inst Biochem imeni A. N. Bakh, Acad Sci USSR, 4 pp "Dok Ak Nauk SSSR" Vol LXV, No 5 p 719722 Used reaction of hydroxamic acid formation to experimentally verify A. N. Bakh's supposition that unstable peroxides participate in photosynthesis. Submitted by Acad A. I. Oparin, 2 Feb 49. 39/49184

KUZIN, A. M., PROF is of importance. agents of tularemia, anthrax, whooping cough, etc., full-valued antigens from brucella, and causative health protection, isolation of immunologically L. Pauling's views on the formation of antibodies type. The high stability of sp polysaccharides to enzymatic hydrolysis indicates that one of their are too mechanistic: Antibodies are synthesized functions must be protection of the microorganism. minths also contain antigens of the polysaccharide in the organism. From the standpoint of USSR USSR/Medicine ring in sp polysaccharides of these bacteria. Helbut also from 1-phosphates of other monoses occur-Work at author's laboratory showed that pathogenic ÿölysacharides not only from dextrose-l-phosphate, bacteria contain a phosphorylase which synthesizes Conference held 23 -"Trudy 5-oy Sessii, "Contemporary Chemistry of Antigens and the Genesis of Antibodies," Prof A. M. Kuzin lems of immunity and influenza. USSE/Medicine -Immunology (Contd) Immunology Ak Med Nauk SSSR" pp 112-119. Apr 50 206**187** rd g

metrically in the alightly colored but clear hydrolynate by the method of hison and Morgan (C.J. 28, 3339). This yielded the heroamine of such conjugates a specific poly-saccharides. Invaluation and thorough the same of animals of animals districted in the same of animals of





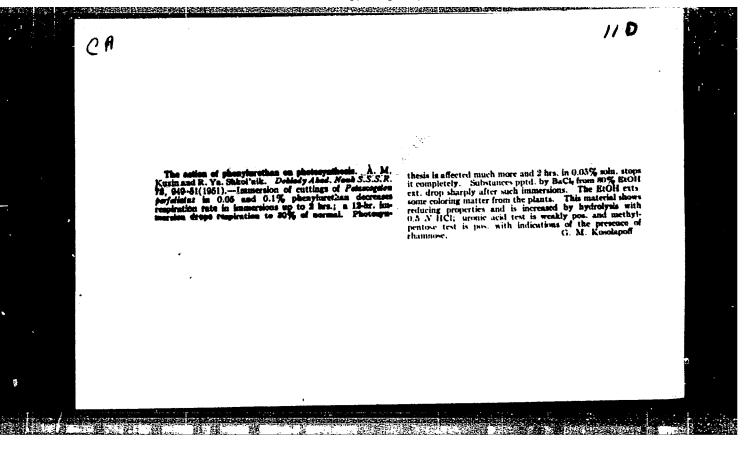


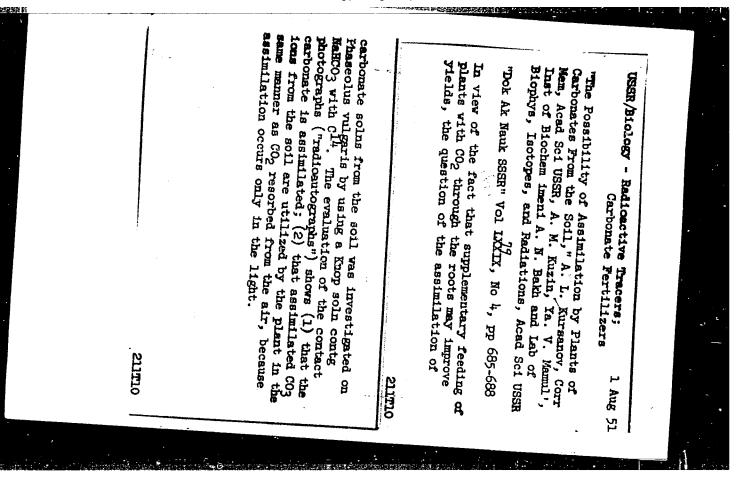
KUZIN, A. M.; LEVSHIN, V. L.

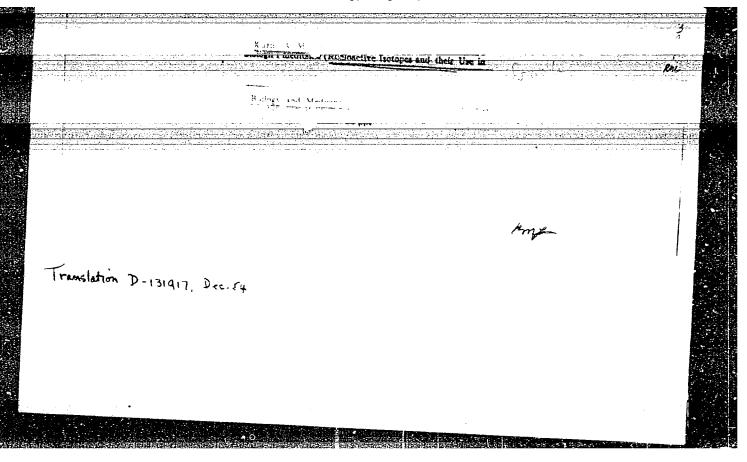
Photosynthesis

Careless work "Nourishment of plants by light (photosynthesis)." D. I. Sapozhnikov. Reviewed by A. M. Kuzin, V. L. Levshin)., Vest. AN SSSR, 21, no. 12, 1951.

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED.







KUZIN, A. M. Prof.

Biological Physics

Tasks and prospects for the development of Soviet biophysics. Vest. AN SSSR 22, no. 3, 1952.

Monthly List of Russian Accessions. Library of Congress, October 1952. UNCLASSIFIED.

KUZIN, A.M.

UBSR/Chemistry, Biological - Isotopes

1 Jul 52

"Biosynthesis of Glutamine, Hydrocarbons, and Proteins Containing Radioactive Carbon," A. M. Kuzin, V. I Merenova, Lab of Biophys, Isotopes, and Radiation, Dept of Biol Sci, Acad Sci ISSR

"Dok Ak Nauk SSSR, Vol LXXXV, No 1, pp 181-183

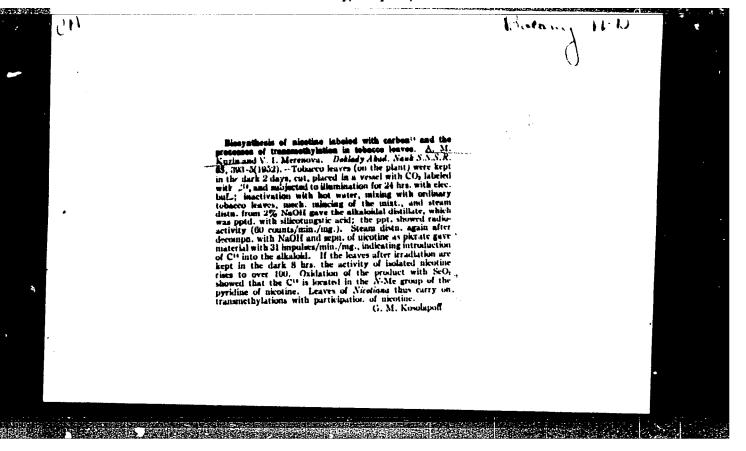
Describes procedure for prepg glutamine, glucose fructose, proteins, and pentosans contg C¹⁴ by the method of biol photo synthesis. Presented by Acad A. I. **Operim** 24 Apr 52.

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Translation in /M.

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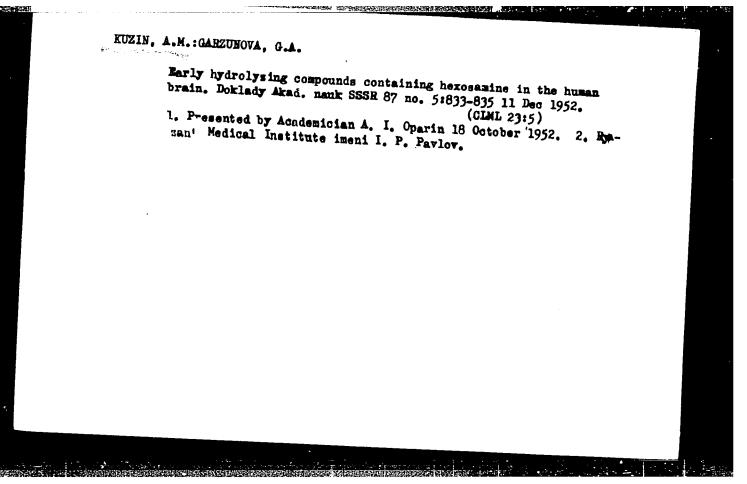
KUZIN, A. M.					235	76	
		parts of the plant. Assimilation of CO ₂ by tached roots of Primula obconica (thus elimithe effect of any nodule bacteria which may been present on Phaseolus vulgaris) was also tablished. Presented by Acad A. I. Oparin 29 Apr 52.	By using CO ₂ or carbonate solns tagged with ractive carbon, established that CO ₂ is resorbed through the roots of Phaseolus vulgaris and rethe leaves. When there is no transpiration of leaves, or the roots have been detached, CO ₂ is resorbed assimilated by the roots rather than the green assimilated by the roots rather than 23576	"Dok Ak Nauk SSSR" Vol 85, No	"Assimilation of Carbon Dioxide by Plan A. M. Kuzin, V. I. Merenova, Ya. V. Man Biophys, Isotopes, and Radiation, Dept Acad Sci USSR	USSR/Biology, Agriculture - Ass.	
	23516	nilation of CO ₂ by de- conica (thus eliminating conica which may have cateria which may have vulgaris) was also es- vulgaris) was also es- Acad A. I. Oparin	te solns tagged with radio- hed that CO ₂ is resorbed aseolus vulgaris and reaches is no transpiration of the ve been detached, CO ₂ is a rather than the green 235T6	Vol 85, No 3, pp 645-647	by Plant Roots," . V. Mamul', Lab of n, Dept of Biol Sci,	Assimilation 21 Jul 52 of Carbon Dioxide	

AUZIN, A. M., MAMUL', Ya. V.: KHUDYAKOVA, R. I., DOMAN, N. G. Photosynthesis

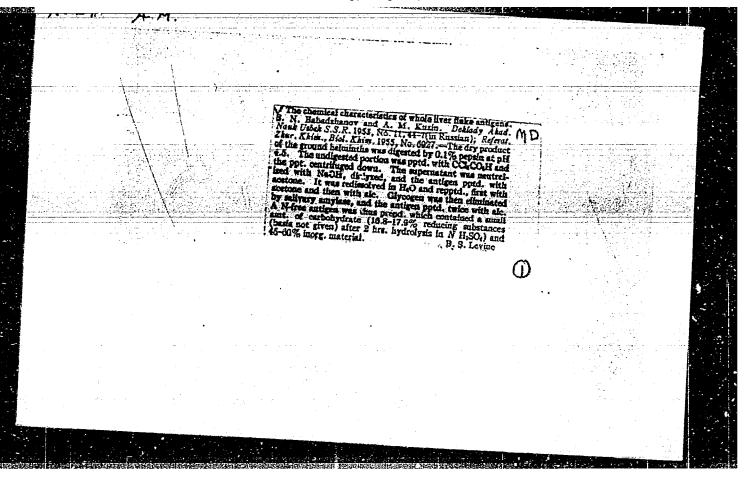
电影器

Problem of diversity of promary products of photosynthesis in different species of plants. Dokl. AN SSSR 86 no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, December, 1952.



"APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000928010



KUZIN, A. H.

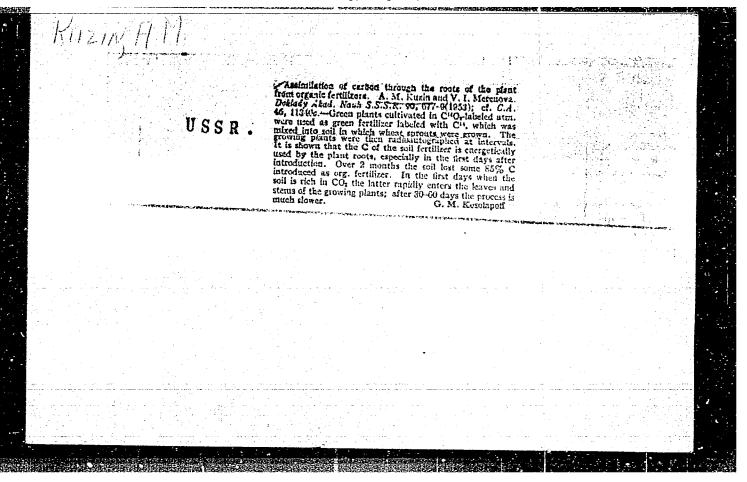
USSR/Medicine - Morphology

Nov/Dec 53

"Plenary Session of All-Union Scientific Society of Anatomists, Histologists, and Embryologists, in Leningrad, "D. A. Zhadanov and E. Sh. Gerlovin

Usp Sov Biol, Vol 36, No 3(6), pp 380-389

This session was held 23-27 Jun 53 in Leningrad to discuss the role of morphology in the USSR, new methods and techniques of morphological research, and plans for making anatomical and his tological work in higher institutes of learning serve a more practical purpose. The key speech was made by A. N. Studitskiy and "The Tasks of Soviet Morphology." He only mentioned the existence of tasks and then launched into a theoretical discussion of the Soviet concept of morphology. This speech was discussed, then other reports were read, among them "Electron Microscopy in Cytohistological Research" by Prof. G.M. Frank (Moscow), and a report on Radioautography by A.M. Kuzin (Moscow). The article does not disclose any new organizational plans.



KU2IN, A. M.

11 Aug 53

USSR/ Biology - Radiation Effects Isotopes.

"The Problem of the Mechanism of the Action of Penetrating Radiation on the Synthesis of Nucleoproteids in the Spleen," A.M.Kuzin, Ye.V.Budilova, Inst of Biol Physics, Acad Sci USSR

DAN SSSR, Vol 91, No 5, pp 1183-1186.

Max inclusion of P32 into the protein fraction of the rat spleen and max suppression of this inclusion by irradiation immediately preceding injection of P32 phosphate occurred 19-20 hrs after the injection. Irradiation of the head of rats with X-rays (1000 r) had little effect on the inclusion of P32 into spleen nucleoproteids. Suppression of P32 inclusion by 60-65% occurred when the spleen was irradiated directly with X-rays (1000 r), but the rest of the body shielded with lead. Suppression by 20% occurred when the spleen was shielded with lead, but the rest of the body irradiated. Presented by Acad A.I. Oparin 18 Jul 53.

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"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000928010

Participation of complex polylaccharides in carboing rate included in the complex polylaccharides in carboing rate in the complex polylaccharides in carboing rate in the complex polylaccharides in the complex polylaccharides in the carboing rate in the carboing rate in the carboing rate in the carboing rate in the carboing rat

KUZIN, A.M.

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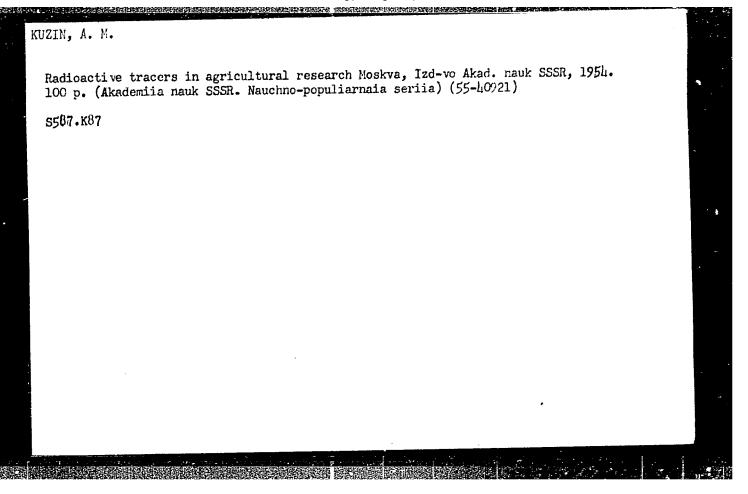
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Kursanov, A.L. Kuzin, A.M. Kryukova, N.N. Merenova, V.I. "Plant Utilization of Soil Carbon Dioxide Entering Through the Roots"

Institute of Biochemistry imeni A.W. Bakh, Academy of Sciences USSR

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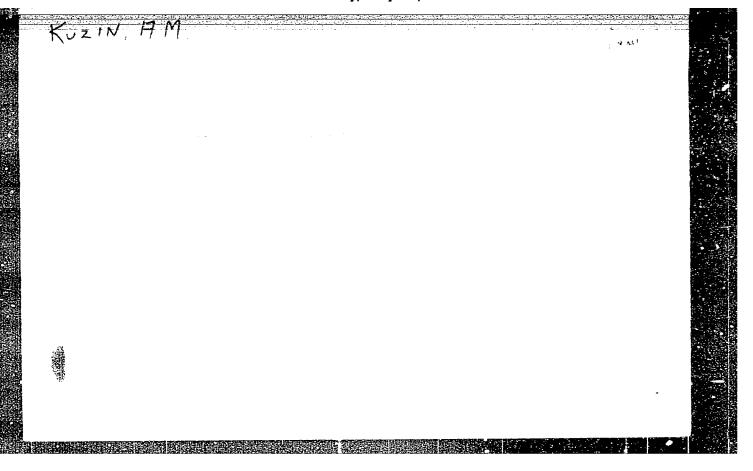


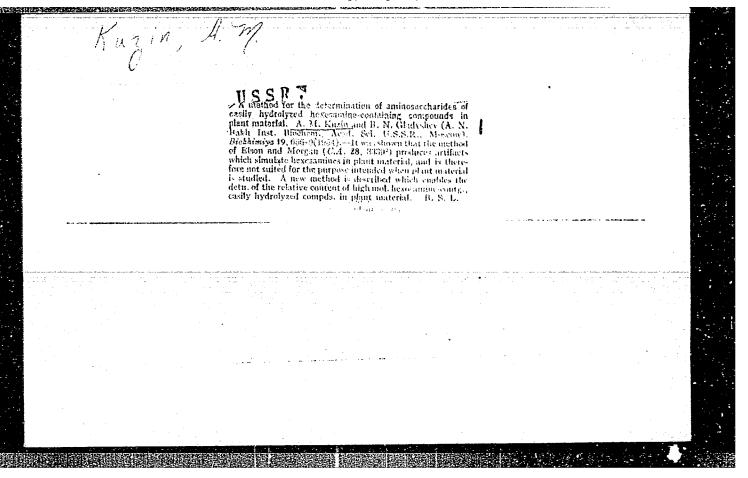
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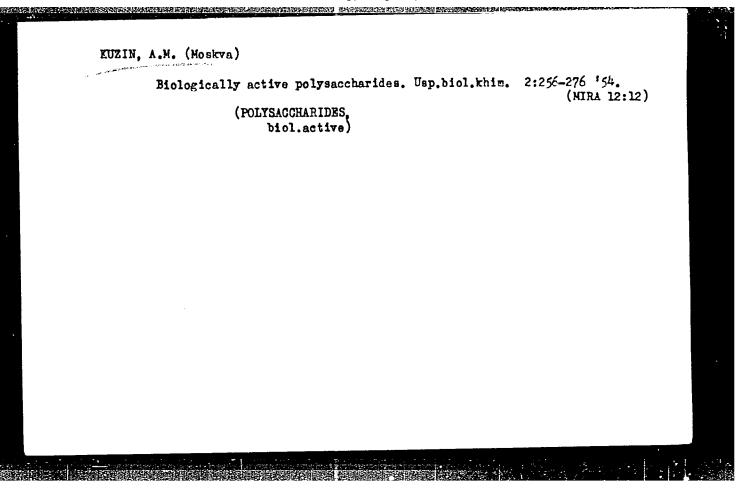
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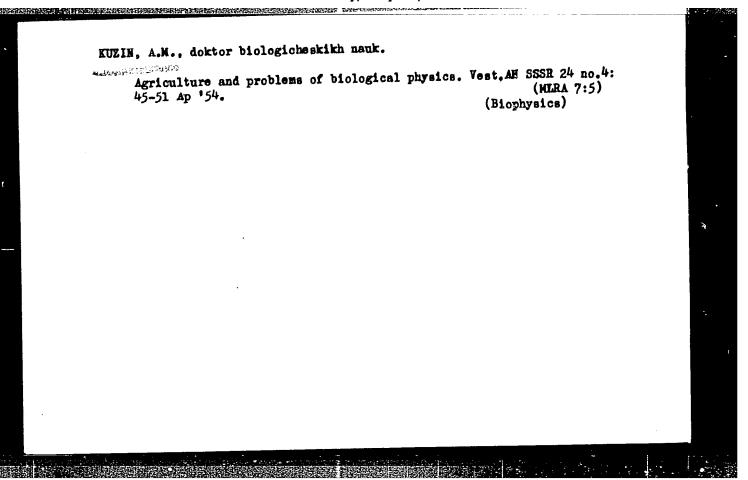
863. KUZIN A. M. and DAVIDOVA S. Ya. Inst. of exp. Path. and Therap. of Tumours, Acad. of med. Sci., Moscow The metabolism of nucleic acid and its nitrogen bases in rabbits subject to neoplastic growth (Russian text) Biokhimija 1954, 19/2 (184–188) Tables 3

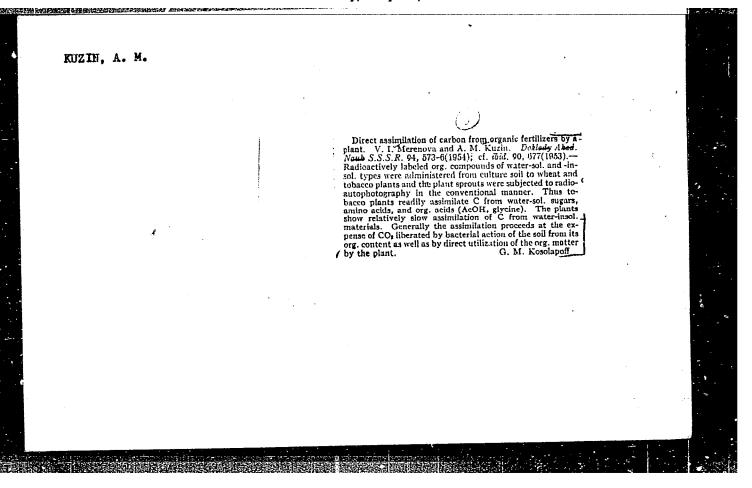
The investigations were made on male rabbits with Brown—Pearce tumours, divided into: (1) controls, (2) testis-inoculated positive animals and (3) animals immune after 3-fold inoculation. Assays of the nucleic acids (RNA and DNA) and the nitrogen bases (adenine, guanine and thymine) in the liver, lung, kidney, spleen and testis are presented in 3 tables. The nucleic acids in the organs were low in both the positive inoculated and in the immune animals, as compared with the controls. This shows that the same changes occur in the organs when the tumour does not 'take' as when a growing tumour is present. No notable changes in the adenine and guanine content of the organs were observed with growing tumours, but the thymine level of DNA, particularly in the liver, was higher in tumour rabbits.











USSR/Medicine - Physiology

Card 1/1

: Pub. 22 - 20/44

Authors

Kuzin, A. M.; and Budilova, E. V.

Title

AND SHAPE OF THE PARTY. : Effect of ionizing radiation on the structural viscosity of macleis acid of the brain and a spleen

Periodical: Dokk AM SSSR 98/6, 961-964, October 21, 1954

Abstract

Experiments, which were intended to determine how ionizing radiation effects the change in the structural viscosity of nucleic acid taken from the brain and spleen of live animals, are described. Four refer-

ences; 1-U.S.S.R. (1915-1953). Graphs.

Institution: Institute of Biological Physics of the Acad. of Scs. of the USSR.

Presented by: Academician L. S. Shtern, June 7, 1954.

Translation M-479, 31 May 11

KUZIN, A.M

USSR/Chemistry - Biochemistry

Card 1/1 Pub. 22 - 22/40

Title

Authors

: Kuzin, A.M., and Eydus, L. KH.

: Deuteration of acetone in the presence of amino acids

: Dok. AN SSSR 99/3, 421-422, Nov 21, 1954 Periodical

: The rate of penetration of deuterium into the acetone molecule and the Abstract

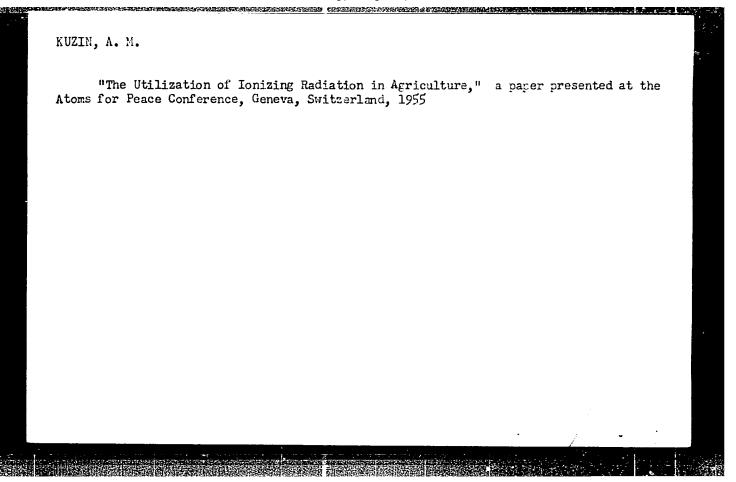
effect of amino acid - glycocoll - on the process of acetone deuteration, were investigated. The rate of acetone deuteration in the absence of glycocoll was found to be low, and less than 1% of the total number of hydrogen atoms in the acetone underwent a change. The accelerating effect of glycocoll was proven. The formation of an enol form in the acetone

under the effect of glycocoll was established. Seven references: 5-USSR and

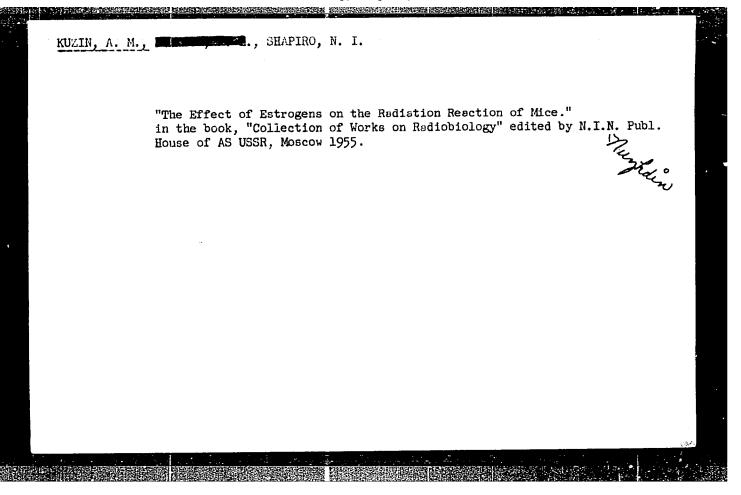
2-German (1934-1951). Table; graph.

Institution : Academy of Sciences USSR, Institute of Biophysics

Presented by : Academician A.I. Oparin, September 11, 1954



KUZIN, A.M.,	, and SHAPIRO, N. I.	(hy)
	"The Role of the Physiological Condition of of Agents Which Protect Against the Harmful Radiations." in the book: "Collection of Wby N.I.N. Publ. House of AS USSR, Moscow 19	Action of Penetrating Norks on Radiobiology" edited
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USSR/General Biology. Physical and Chemical Biology.

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Abs Jour: Ref Zhur-Biol., No 20, 1953, 90270.

Author : Ruzin, A.M.

Inst Title

: Tasks of Biophysics in Agriculture (Preface)

Orig Pub: V sb.: Tr. nauchroy sessii, posvyashchemov destizhemiyan

i zadachan sov. biefiziki v s. kh. M., lzd-vo Al SSSR,

1955, 3-7.

Abstract: No abstract.

: 1/1 Card

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