

BEGIN

Reel # 441
Popovic, A.

CZECHOSLOVAKIA

POPOVIC, A; Chair of Pharmacology, Medical Faculty, Comenius University (Katedra Farmakologie, Lek. Fak. UK), Bratislava.

"The Influence of Some Vasoactive Substances on Breathing of Isolated Arteries (I. Polypeptides)."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 80

Abstract: Truncus pulmonalis requires less oxygen for breathing than the aorta, when referred to a unit of weight. Addition of Glycylvasopressin in a concentration of 1.10^{-7} M, and Physalaemin in a concentration of 1.10^{-6} M reduce the amount of the oxygen required. Angiotensin in a concentration of 1.10^{-6} M reduces oxygen required by truncus pulmonalis and blocks oxygen intake by the aorta. Experiments were conducted on rabbit arteries in vitro. No references. Submitted at "16 Days of Physiology" at Kosice, 29 Sep 65.

1/1

CZECHOSLOVAKIA

POPOVIC, A; Chair of Pharmacology, Medical Faculty, Comenius University (Katedra Farmakologie, Lek. Fak. UK), Bratislava.

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Prague, *Ceskoslovenska Fysiologie*, Vol 15, No 2, Feb 66, p 80

Abstract: Truncus pulmonalis requires less oxygen for breathing than the aorta, when referred to a unit of weight. Addition of Glycylvasopressin in a concentration of 1.10^{-7} M, and Physalaemin in a concentration of 1.10^{-8} M reduce the amount of the oxygen required. Angiotensin in a concentration of 1.10^{-6} M reduces oxygen required by truncus pulmonalis and blocks oxygen intake by the aorta. Experiments were conducted on rabbit arteries in vitro. No references. Submitted at "16 Days of Physiology" at Kosice, 29 Sep 65.

1/1

L 3875-66 T JK

SOURCE CODE: YU/0015/65/000/08-/0220/0223

ACC NR: AP6029585

AUTHOR: Doric, Radmila (Professor; Doctor); Popovic, Anka (Doctor); Ilic, Vladimir (Doctor); Suvakovic, Vojislav (Doctor); Jorgacevic, Dragisa (Doctor)

ORG: Infectious Diseases Clinic, Medical Clinic/headed by Professor, Doctor M. Nikolic, Belgrade (Kilinka za infektivne bolesti Medicinskog fakulteta)

TITLE: Clinical observations in viral hepatitis with pronounced cholestatic syndrome

SOURCE: Medicinski glasnik, no. 8-9, 1965, 220-223

TOPIC TAGS: hepatitis, virus disease, clinical medicine, biologic secretion

ABSTRACT: Data on 96 patients: sex (76 were male), age (61 were between 18 to 40), main symptoms, course, causes (29 possible inoculation or transfusion) severity; biochemical and laboratory data. Orig. art. has: 4 tables. [Based on authors' German abst.] [JPRS: 36,599]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 014

Card 1/1 / H

0917 2679

DORIC, Radmila, prof. dr.; POPOVIC, Anka, dr.; ILIC, Vladimir, dr.;
SUVAKOVIC, Vojislav, dr.; JORGACEVIC, Dragisa, dr.

Clinical consideration on viral hepatitis associated with
cholestatic syndrome. Med. gals. 19 no.8/9:220-223 Ag-S '65.

1. Klinika za infektivne bolesti Medicinskog fakulteta u
Beogradu (Upravnik: prof. dr. M. Nikolic).

JERIC, Sonja; POPOVIC, Anka

A case of military disseminated pneumonia in whooping cough.
Srpski arh. celok. lek. 90 no.4:465-468 Ap '62.

1. Klinika za infektivne bolesti Medicinskog fakulteta Uni-
verziteteta u Beogradu V.d. upravnika: doc. dr. Mihailo Nikolic.
(PNEUMONIA) (WHOOPING COUGH)

5

PERISIC, Zivadin; POPOVIC, Anka

Signs of nerve damage in a case of infectious mononucleosis.
Srpski arh. celok. lek. 91 no.1:63-68 Ja '63.

1. Opsta bolnica u Pancevu Upravnik: dr. Borivoj Drndarski.
(INFECTIOUS MONONUCLEOSIS)
(FACIAL PARALYSIS)

PERISIC, Zivadin; POPOVIC, Anka

Our experience with the treatment of tetanus with chlorpromazine. Srpski arh. celok. lek. 90 no.7/8:715-720 J1-Ag '62.

1. Opsta bolnica u Pancevu Upravnik: dr. Borivoj Drndarski.
(CHLORPROMAZINE) (TETANUS)

YUGOSLAVIA

Zivadin PERISIC and Anka POPOVIC, General Hospital (Opsta bolnica), Head (Upravnik) Dr Borivoj DRNDARSKI, Pancevo.

"Neurologic Manifestations in a Case of Infectious Mononucleosis."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 91, No 1, Jan 63; pp 63-68.

Abstract [English summary modified]: Case report: man aged 20, anicteric hepatitis with cerebrospinal fluid pleocytosis and albumin increase; facial nerve paralysis left on day 14 and right on day 22 of disease; lymphocytosis. Case is considered instructive as it illustrates the triple tropism of the infectious mononucleosis virus for nerve liver and lymphatic tissue. Cortisone and antibiotic treatment gave little visible results; slow recovery. One Yugoslav and 13 Western references.

1/1

POPOVIC, Atanasijo, inz., prof. (Skadarska 53/I, Beograd)

Dyeing mechanism by reduction dyes. Tehnika Jug 17 no.5:Suppl.:
Hemindustrija 16 no.5:960-962 My '62.

1. Ekonomski fakultet Univerziteta u Beogradu.

YUGOSLAVIA

Zivadin PERISIC and Anka POFOVIC, General Hospital (Opsta bolnica)
Head (Upravnik) Dr Borivoj DRNDARSKI, Pancevo.

"Our Experiences with Chlorpromazine in Treatment of Tetanus."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 93, No 7-8, July-Aug
1962; pp 719-720.

Abstract [German summary modified]: Data on 25 patients treated in the
17 months ending November 1959: 5 died. Chlorpromazine 100 to 200 mg.
per day parenterally plus chloral hydrate are main points of therapy.
Discussion of main dangers and clinical measures to counteract them.
One Yugoslav and 13 Western references.

1/1

35

JERIC, S.; STEFANOVIC, N.; POPOVIC, A.

Whooping cough in infants. Med. glasn. 15 no.11:381-386 N '61.

1. Klinika za infektivne bolesti Medicinskog fakulteta Univerziteta
u Beogradu (Zam. upravnika: prof. dr M. Nikolic).

(WHOOPING COUGH statist)

POPOVIC, A.

YUGO .

✓ 869. Effect of varying the temperature and the relative amount of lead used in determining gold by cupellation. A. Popovic (Bull. Soc. Chim., Belgrade, 1954, 19 [5], 398-413). Large excesses (> 50 per cent.) of Pb cause low results in the cupellation of alloys containing < 50 per cent. of Au; the finer the gold, the less is the difference on taking an excess (up to 100 per cent.) of Pb. Cupellation should begin at 750° C, the temp. gradually being raised to 1000° C.

R. Truscot

TH

FOPOVIC, Atanasije

"Chemical industry: The absorption of sodium hydroxide in textile fibres"

SO: TEHNIKA No 7, Year X, - 1955

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1ST AND 2ND CROSS

PROCESSING AND PROPERTY INDEX

100 AND 4TH CROSS

CA

POPovic, B.

J. H. Reedy
Properties of pentaerythritol tetranitrate. N. A. Pushin, B. Popovic, R. Nikolic and R. Zivadinovic. *Bull. soc. chim. Yougosl.* 5, 83-102 (in German 102) (1934).—
 Pentaerythritol tetranitrate prepd. on a semiindustrial scale possesses 2 modifications with a transition point at 185°. The heat effect of the transition is greater than that of crystn. It is a chemically stable explosive with an explosion temp. at 215°. Its sensitiveness to shock can be reduced by admixt. of foreign substances. J. G. T.

COMMON ELEMENT

COMMON VAL. UNIT CODE

ASIS-ILA METALLURGICAL LITERATURE CLASSIFICATION

COMMON SYMBOL

COMMON UNIT AND LETTER

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

POPOVI, B. (Sofia)

An application of demountable transformers. Mat i fiz Buŕg
7 no. 2:58-60 My-Je '64.

POPOVIC, B.

Average level of knowledge and general education of the workers in a textile factory.

P. 279 (TEKSTILNA INDUSTRIJA) (Belgrad, Yugoslavia) Vol. 4, no. 8, Aug. 1956

30: Monthly Index of East European Accessions (MEAI) 10 Vol. 7, No. 5, 1958

POPOVIC, Bogdan dr.

Differential diagnosis of lacunar tonsillitis, diphtheria and scarlet fever: errors in therapy. Med.glasn.9 no.2-3:91-93 Feb-Mar '55.

1. Odeljenje za bolesti ukha nosa i grla Opste bolnice Djordje Jovanovic u Zrenjaninu (upravnik dr B. Popovic)

(TONSILLITIS,

lacunar, differ.diag.)

(DIPHTHERIA, differential diagnosis,

(SCARLET FEVER, differential diagnosis)

POPOVIĆ, B.

" Louis Pasteur and the beginning of life." p. 312. (Priroda Vol. 40, no. 8, Oct. 1953 Zagreb.)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress,
Feb. 1954, Uncl.

CA

21

General characteristic of the coal of Raha. *Dr. Popovik*
and M. Samec (Slovene Acad. Sci. Arts, Ljubljana, Yugo-
slavia). *Acad. Sci. et Art. Sloven. (Ljubljana) Class III, Ser.*
A, Razprave B, 67-72 (in English, 73-4) (1951). -- This coal has
a high content of org. S and a calorific value of 6500-7807 cal./
kg. With an ash content of 9%, the coal contains 40% of
volatile matter. Upon coking the coal swells greatly.
Irena A. Breger

POPOVIC, B.

Chemical Abst.
Vol. 48 No. 3
Feb. 10, 1954
Fuels and Carbonization Products

investigations on various substances having coking properties. D. Hadži, B. Popović, and M. Samec. *Bull. Conseil acad. RPF Yugoslav.* 1, 14-15 (1953) (in English). — On the basis of expts. obtained with a no. of substances, such as a product of pyrolysis of di-2-naphthyl sulfone, hydrocarbons prepd. by reacting naphthalene or anthracene with $AlCl_3$, a product of pyrolysis of polyvinyl chloride, and a series of quinones, it is concluded that there are no requirements for the presence of S or O in substances having coking properties.
N. Plavšić

PCPCVIC, B.

Chemical Abst.
Vol. 48 No. 3
Feb. 10, 1954
Fuels and Carbonization Products

(2)
Investigation of the mechanism of the coking process by chemical change of the coal substance. B. Pongylic, *Bull. sci. Conseil acad. RPF Yugoslav.* 1, 15(1953)(In English).—By treating lignite at low pressure with a base of known concn., (which is not given) a coking material is obtained, which also yields a mixt. having coking properties, when mixed with raw lignite. By coking such material in the Bauer and Jenkner retort, the usual products of coking are obtained. The change of the material during coking is a process in which a decarboxylation of the humic acids takes place, whereby the no. of OH groups increases.

N. Flaylic

POPOVIC, D.

1358. INDUSTRIAL PROCESSES FOR IMPROVING LIGNITES. Popovic, D.
Pap. 184 C/11 to Sect. C, 5th Wld. Fur. Conf., Vienna, 1956, Prepr., 6pp.
The paper describes the processes of lignite improvement now applied in
Yugoslavia on an industrial scale. By autoclave-drying of lignite, a high-
grade lump lignite can be obtained which is fit for use as industrial domestic
and locomotive fuel. By addition of caking coal, the dried lignite can be
converted to useful coke; the same is true for the low-temperature coke
obtained from lignite. (L)

POPOVIC, B.

Calculating vector elements of the orbit of the minor planet from three heliocentric positions. In Russian. p. 153

GLASNIK MATEMATICKO-FIZICKI I ASTRONOMSKI. PERIODICUM MATHEMATICO-PHYSICUM ET ASTRONOMICUM. (Drusvo matematicara i fizicata hrvatske i Prirodoslovno-matematički fakultet Sveucilista u Zagrebu) Zagreb, Yugoslavia, Vol. 14, no. 2, 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2
Feb. 1960

Uncl.

S/035/62/000/002/001/052
A001/A101

AUTHOR:

Popović, B.

(SAT.)

TITLE:

Elimination of area integrals from equations of planetary perturbations in vector elements

PERIODICAL:

Referativnyy zhurnal, Astronomiya i Geodeziya, no. 2, 1962, 10, abstract 2A102 ("Bilten Drusht. matem. i fiz. N. R. Makedoniya", 1959, v. 10, 29-38, Esperanto, Sërbo-Croatian summary)

TEXT:

Ten (scalar) integrals of motion are known in the [✓]problem of n bodies. This makes it possible to reduce the order of the system of differential equations of motion by 10 units. In general, the order of the system can be reduced by 12 units, if the fact is taken into account that forces are independent of time and depend only on mutual distances between moving celestial bodies. However, the use of area integrals and integral of kinetic energy is not then easy, and unknown elements enter in combinations with various other quantities. The author reduces the order of the system by using all known integrals of motion and assuming as unknowns two vector elements: vector of sectorial velocity \vec{c} and vector of perihelion \vec{e} . In the first part of the paper, 6

Card 1/2

POPOVIC, B.

The problem of zoonoses in Serbia. Higijena, Beogr. 12 no.4:374-387 '60.

(ZOOZOSES epidemiol)

POPOVIC, B. (Sarajevo)

Calculations of planets and ephemeral comets regardless of their position or speed. Bul Obs Beograd 24 no.1/2:13-24 '59. (published 1960). (EEAI 9:9)

(Yugoslavia--Astronomy) (Planets)
(Comets) (Ephemerides)

Popovic, B.

J.F.W.

5386:

Popović, Božidar. Special perturbations of the vectorial elements of planetoid orbits. Bull. Soc. Math. Phys. Serbie 8 (1956), 47-52. (Esperanto. Serbo-Croatian summary)

The author eliminates the velocity from the Herrick-Popović equation for the eccentricity-vector in favor of the radius-vector and the derivative of the area-velocity. He arrives at a combination of equations which, if properly coded, can successfully be used in the computations of special perturbations, leading to results more directly than Musen's method.

P. Musen (Cincinnati, Ohio)

TOPOVIC, B.

Why the caloric value of meal No. 1, is different in some units. p. 126
(GLASHNIK, Vol. 4, No. 3, May/June 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957
Uncl.

ROPOVIC, Bogdan, dipl. inž.

Principles for schematic diagrams of railroad safety
installations. Zeleznice Jug 20 no.3:1-11 Mo '64.

POPOVIC, Bogdan, inz.

Semiautomatic safety installations for the stations of
branch lines. Zeleznice Jug 19 no. 11: 1-12 N '63.

POPOVIC, Boj. [Popovic, Boz.] (Sarajevo)

Computing disturbances of minor planets by means of initial
heliocentric position and speed. Ves mat fiz Srb no.11:151-163
'59.

POPOVIC, BOZIDAR

Popović, Božidar. Sur un théorème relatif aux valeurs asymptotiques de l'intégrale de Laplace-Abel. Acad. Serbe. Bull. Acad. Sci. Mat. Nat. A. 7, 5-11 (1941).

This is concerned with Tauberian conditions on $A(t)$ in

$$J(\sigma) = \sigma \int_0^{\infty} e^{-\sigma t} A(t) dt, \quad \sigma > 0,$$

sufficient to secure the validity of the inference from $J(\sigma) \sim \varphi(1/\sigma)$ to $L(x) \sim \varphi(x)$ ($\sigma \rightarrow 0$; $x \rightarrow \infty$), where $\varphi(x) = x^\lambda L(x)$ ($\lambda > -1$) is a function of regular growth. A typical (known) sufficient condition is

$$(1) \quad \lim_{\lambda \rightarrow 1} \inf \{ |A(t) - A(t)| / \varphi(t) \} \geq -\omega(\lambda)$$

($0 \leq t \leq \lambda t$, $t \rightarrow \infty$), where $\omega(\lambda) \rightarrow 0$ as $\lambda \downarrow 1$. It is shown here that we may remove $\varphi(t)$ from the left hand side of (1), and transfer its effect to the length of interval over which t may range by changing λ to $T = V \{ \lambda A(t) \}$, where V is the function inverse to $\lambda(t) = \exp \int_1^t u^{-1} \varphi(u) du$, provided that $\varphi(x) \geq c > 0$ ($x \geq 0$). This remark is developed in various ways, and an example is given to show that, in one instance at any rate, the result is nearly the best possible of its kind. Comparison with other work is not facilitated by the numbered references to the literature, since no bibliography is visible.

A. E. Ingham (Cambridge, England)

Source: Mathematical Reviews

Vol 11 No. 1

SMW
RSH

Popovitch, B.

Popovitch, B. La liaison des procédés de sommabilité avec les intervalles de convergence. Bull. Soc. Math. Phys. Serbie 1, no. 3-4, 121-130 (1949). (Serbian. French summary)

For each of 17 different functions $\Lambda(t)$, the author tabulates a function $T_\lambda(t)$ such that $\lim_{\lambda \rightarrow \infty} (1/\Lambda(x)) \int_0^x s(t) d\Lambda(t) = s$ implies $\lim s(t) = s$ whenever $s(t)$ satisfies a Tauberian condition (of E. Schmidt slowly-decreasing type) $\liminf_{t \rightarrow \infty} \{s(t') - s(t)\} \geq -w(\lambda)$, where t' is subject to the restriction $t \leq t' \leq T_\lambda(t)$ and $w(\lambda) \rightarrow 0$ as $\lambda \rightarrow \infty$. The functions $\Lambda(t)$ considered involve logarithms, exponentials, iterated logarithms, and iterated exponentials in various ways. The functions $T_\lambda(t)$ are calculated from the known formula $T = V(\lambda\Lambda(t))$, V being the inverse function of Λ . [For an exposition of the subject, see Karamata, Sur les théorèmes inverses des procédés de sommabilité, Actual. Sci. Ind., no. 450, Hermann, Paris, 1937.] R. P. Agnew.

Source: Mathematical Reviews,

Vol. 12, No. 2.

Handwritten initials/signature.

POPOVIĆ, BOŽIDAR

Popović, Božidar. Sur certaines théorèmes inverses de sommabilité de Cesàro. Srpska Akad. Nauka, Zbornik Radova, Knj. 7, Matematički Institut, Knj. 1, 83-90 (1951). (Serbo-Croatian. French summary)

Let k be a positive integer. Let $s(x)$ have bounded variation over each finite interval $0 \leq x \leq x_0$, and let

$$\frac{1}{x} \int_0^x \left(1 - \frac{t}{x}\right)^{k-1} s(t) dt = O(1)$$

as $x \rightarrow \infty$. Let $\varphi(x)$ be a monotone function for which $\varphi(x) \geq 1$ and $\varphi(x + x\varphi(x)^{-1/(k+1)}) \leq N\varphi(x)$ as $x \rightarrow \infty$. Let $s(x)$ satisfy, for $\epsilon > 0$, the Tauberian condition (of Robert Schmidt type) $s(x') - s(x) \leq w(\epsilon)$ whenever

$$x \leq x' \leq x + \epsilon\varphi(x).$$

Then $s(x) = O([\varphi(x)]^{1/(k+1)})$ as $x \rightarrow \infty$.

R. P. Agarwal

Smiljanić

Source: Mathematical Reviews,

Vol 13 No 3

POPOVIC, B.

Yugoslavia (430)

Science

Prompt-series calculation of the rising and setting time of the stars. p 43.
Astronomska I Meteoroloska Saopstenja, No 7, Aug 1, 1951.

East European Accessions List Library of Congress, Vol 1, no 14, Dec 1952. UNCLASSIFIED.

Popović, Božidar. Les équations nouvelles des perturbations dans le mouvement des planètes. Bull. Acad. Serbe Sci. (N.S.) 5, Cl. Sci. Math. Nat. Sci. Math. 1, 123-126 (1952).

Using the vector elements C, D, τ , introduced by Milanković [Acad. Serbe. Bull. Acad. Sci. Mat. Nat. A no. 6, 1-70 (1939); these Rrv. 11, 407] in the perturbation theory of planetary motion, and the perturbative force, the author establishes by direct vector methods the equations for the variations of these elements.

4/7/55
LM

TOPOVIC, B.

"Effect of possible rotation of the solar system on the movements of planets." p. 77, (Vestnik, Vol. 5, No. 1/2, 1953, Beograd, Yugoslavia)

SO: Monthly List of East European Acquisitions, (EEAL), LC, Vol. 4, No. 4, Apr 1955, Incl.

POPOVIC, B.

Special perturbations of the vectorial elements of the path of a minor planet. In Esperanto.

p. 47 (Bibliografija Jugoslavije) Vol. 8, No. 1/2, 1956, Yugoslavia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

Popovich, B.

✓ 2930. APPROXIMATE CALCULATION OF THE ORBIT ELEMENTS OF A SMALL PLANET ON THE BASIS OF THREE HELIOCENTRIC POSITIONS, B. Popovich. 523.24

Period. math. phys. astron. [Sov.], Vol. 11, No. 1, 45-51 (1956). In Russian.

Describes a short method of calculating the vector elements involved, when an accurate calculation is either not required or not possible. The simplification is applied to the stage following the finding of the three heliocentric positions. The approximation consists in substituting a circle (defined by the heliocentric positions) for the orbit. Six vector elements calculated by this method for the (31) Whit(e)more planet agree well with data obtained by the accurate method.

P. Lachman

WJ MT

POPOVIC, Bozidar

Determining medium diameter of trunks. Rad sumar fakul BiH 7
no.7:303-341 '62.

POPOVIC, Bozidar, dipl. inz.

At international symposium on the gasification and chemistry
of lignites, Belgrade, 1963. Rudar glasnik no.4:90-93 '63.

1. Upravnik zavoda TPMS Rudarskog instituta, Beograd, i
clan Redakcionog odbora, "Rudarski glasnik."

POPOVIC, Bozo, prof., dr (Sarajevo, Zagrebacka ulica broj 24)

Inversion of singular matrices. Publ Teh fak Sarajevo 5 no.1/2:
7-29 '64.

1. Faculty of Electrical Engineering of the University of Sarajevo,
Sarajevo.

POPOVIC, Bozidar, inz.

The 14th International Congress of Mining and Metallurgy, and the 200th anniversary of the Freiberg Academy of Mining at Freiberg. Rudar glasnik no.3:77-79 '62.

1. Upravnik Zavoda za TPMS Rudarskog instituta, Beograd, clan Redakcionog odbora i glavni urednik, "Rudarski glasnik. Bulletin of Mines".

POPOVIC, Boz.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Vasiona, No 4, 1960, p. 116.

Data: News and Notes: "Deaf Provincial Professor - Father of Astronautics."

JJ

BIRTASEVIC, Bozidar, sanitetski potpukovnik dr.; TOMASEVIC, Milorad, sanitetski major dr.; PEJUSKOVIC, Bozidar, sanitetski major dr.; BICAKCIC, Halim, sanitetski pukovnik dr.; PCPOVIC, Branislav, sanitetski kapetan dr.; PETROVIC, Branislav, sanitetski kapetan I klase dr.

Some influences of military environment of the health conditions during military service. Vojnosanit. pregl. 23 no.1:7-12 Ja '66.

1. Higijensko-epidemioloski odred u Sarajevu; Interno odeljenje Vojne bolnice u Sarajevu; Trupna ambulanta V.P. 1883.

MILOVANOVIC, Milan; POPOVIC, Branko; RADOVIC, Drago jub.

The incidence of trichinosis in Yugoslavia. Ann. parasit. no.4:356-357 '62

POPOVIC, Budimir

Yearly changes of nutrient contents in the spruce and white pine needles on fertilized and nonfertilized land. Rad Sumar fakul BiH 7 no.783-76 '62.

KOSTIC, Petar, prof. dr.; POPOVIC, Cveta, dr.; BASTA, Zora, dr.

Analysis of cases of looped umbilical cords in newborn infants.
Med. glasn. 14 no.11:519-524 N '60.

1. Ginekolosko-akuserska bolnica grada Beograda (Upravnik: prof. dr
P. Kostic).

(UMBILICAL CORD) (STILLBIRTH)

POPOVIC, Cveta; ZIVANOVIC, Zeljko; PAVLOVIC, Dragan

Perforation of the uterus in a case of induced abortion with endometriosis of the left fallopian tube. Srpski arh. celok. lek. 88 no.7/8:799-801 JI-Ag '60.

1. Ginekolosko-akuserska bolnica u Beogradu. Upravnik: prof. dr Petar Kestic.

(ABORTION THERAPEUTIC compl) (UTERUS wds & inj)
(ENDOMETRIOSIS compl) (FALLOPIAN TUBES neopl)

KARAJOVIC, D.; DANILOVIC, V.; VERBIC, N.; DORDEVIC, V.; POPOVIC, D.; MILOSAVLJEVIC,
Z. ; DORDEVIC, S.; SIAVKOVIC, V.; SAVIC, D.; MALISEVIC, L.

Studies on allergy in cement industry workers. Acta med. iugosl.
13 no.3:339-345 '59.

1. Klinisches Zentrum für professionelle Krankheiten der Medizin-
ischen Fakultät in Belgrad.

(ALLERGY etiol.)

(OCCUPATIONAL DISEASES etiol.)

KICVIC, D.

Improving the breeds and developing our meat markets; also, a discussion of and conclusions on this report.

p. 286 (Poljoprivredni Pregled. Vol. 5, no. 4/5, Apr./May 1956. Sarajevo, Yugoslavia)

Monthly Index of East European Accessions (MEMI) IC. Vol. 7, no. 2,
February 1958

MLADENOVIC, Dragomir; POPOVIC, Dana; MAKSIMOVIC, Zoran

Contribution to surgical technics in the treatment of uterine prolapse with pressure erosions. Srpski arh. celok. lek. 88 no.10: 965-968 0 '60.

1. Ginekolosko-akuserska bolnica u Beogradu. Upravnik: prof. dr Petar Kostic. 2. Clan Uredivackog odbora, "Srpski arhiv za celokupno lekarstvo" (for Mladenovic).

(UTERINE PROLAPSE surg)

POFOVIC, D.

Yugoslavian

With L. Berg, H. C. Carpenter et al, "Applications of chemical thermodynamics to research," Chem. Abs., 1951.

POPOVIC, Dara; STANKOVSKI, Metodije

Amenorrheas in lactation. Med. glasn. 11 no.1:18-20 Jan 57.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Skoplju
Upravnik: prof. dr. M. Beric.

(LACTATION,
with amenorrhea (Ser))

(AMENORRHEA,
in lactation (Ser))

JOVANOVIC, Ljubomir, sanitetski pukovnik prof. d-r; SAVIC, Sava, sanitetski
potpukovnik d-r; ~~POPOVIC, Dorde,~~ sanitetski potpukovnik d-r;
ROMANO, Mario, sanitetski pukovnik d-r

On certain diseases of the myocardium. Voj.san pregl.Beogr. 17 no.6:
650-653 Je '60.

1. Vojnomedicinska Akademija u Beogradu, Klinika za unutrasnje bolesti
(HEART DISEASES)

PAPO, I., pukovnik dr.; POPOVIC, Dj., major dr.

Ductus arteriosus persistens. Voj. san. pregl., Beogr. 11 no.11-
12:548-559 Nov-Dec 54.

1. Hirurska klinika VMA. Interna Klinika VMA.
(DUCTUS ARTERIOSUS, PATENT, surg.)

NEDELJKOVIC, Srecko; POPOVIC, Djordje; FAJGELJ, Ivan

Case of Lutembacher's syndrome. Srpski arh. celok. lek.
84 no.2:244-251 Feb 56.

1. IV Interna klinika Medicinskog fakulteta u Beogradu.
Upravnik: prof. dr. Gedomir Plavsic. Interna klinika Vojno-
medicinske akademije u Beogradu. Nacelnik; pukovnik prof.
dr. Milan Arsenijevic. Hirurska klinika Vojno-medicinske
akademije u Beogradu. Nacelnik; pukovnik prof. dr. Izidor P. apo.
(CARDIOVASCULAR DEFECTS, CONGENITAL, case report
Lutembacher's synd., (Ser))

VUKOTIC, Dusan; POPOVIC, Djordje; FAJGELJ, Ivan

Stenosis of pulmonary artery with atrial communication. Srpski
arh. celok. lek. 84 no.10:1173-1180 Oct 56.

1. I Interna klinika Medic. fakulteta u Beogradu, Upravnik: prof.
dr. Branislav Stanojevic. Interna klinika Vojno-medicinske
akademije u Beogradu, Nacelnik: pukovnik profesor dr. Milan Arsenijevic.
Hirurska klinika Vojno-medicinske akademije u Beogradu, Nacelnik:
prof. pukovnik dr. Isidor Papp.

(ARTERIES, PULMONARY, stenosis
with auric. communication (Ser))
(CARDIOVASCULAR DEFECTS, CONGENITAL, compl.
stenosis of pulm. artery with atrial communication (Ser))

POPOVIC, DORDE

JOVANOVIC; Ljubomir; SAVIC, Sava; ~~POPOVIC, Dorde~~

Rupture of interventricular septum of the heart caused by contusion of the thorax. Voj. san. pregl., Beogr. 14 no.6:356-360 June 57.

1. Interna klinika VMA.

(CARDIAC SEPTUM, rupt.

interventric. caused by contusion of chest (Ser))

(THORAX, wds. & inj.

contusion causing rupt. of interventric. septum (Ser))

DANILOVIC, V.; LJALJEVIC, M.; POFOVIC, D.

Asthma among bakers. Arh. hig. rada. 14:199-205 '63.

1. Interna klinika B Medicinskog fakulteta i Institut za medicinu
rada Socijalisticke Republike Srbije, Beograd.

SAVIC, Sava, sanitotski potpukovnik doc. dr; ARSENIJEVIC, Milan, sanitetski
pukovnik prof. dr; JOVANOVIC, Ljubomir, sanitetski pukovnik prof.
dr.; POPOVIC, Dorde, sanitotski potpukovnik dr.

Transitory and intermittent interventricular block. (Report of x 8
cases). Vojnosanit. pregl. 19 no.2:95-100 F '62.

1. Wajnomedicinska akademija u Beogradu, klinika za unutrasnje bolesti.
(HEART BLOCK) (ELECTROCARDIOGRAPHY)

MARSENIC, Branko, dr.; POPOVIC, Dragan, dr.

Besnier-Boeck-Schaumann disease -- (pulmonary sarcoidosis).
Med. glas. 17 no.8:326-334 Ag-S'63

1. Grudno odeljenje Opste bolnice u Nisu; nacelnik: prim.
dr. B.Marcenic.

5

VUKSEVIC, Zlatija; POPOVIC, Drago jub; MILICIC, Rozina; JOVANOVIC,
Milana

Epidemic pneumonia in the midst of premature births in Belgrade.
Wlad. parazyt. 10 no. 4:315-316 '64.

MILOVANOVIC, Milan; POPOVIC, Branko; POPOVIC, Drago: jub.

The incidence of trichinosis in Yugoslavia. *Tric. parazit.* no. 13356-357 '64

YUGOSLAVIA

POPOVIC, Dr Dragoljub, Parasitology Department (Parazitološko Odeljenje), Public Health Institute of Serbia (Zavod za Zdravstvenu Zastitu NRS).

"Current Problems of Parasitology in Serbia and Suggested Action for Their Solution."

Belgrade, Glasnik Zavoda za Zdravstvenu Zastitu NR Srbije, Vol 11, Nos 1-2, 1962, pp 33-49.

Abstract: Author's Serbocroatian summary modified Parasites in humans are widespread in Serbia. *Trichinella spiralis*, *Echinococcus granulosus*, and *Leishmania donovani* are particularly dangerous. The first order of business in the fight against such parasites ought to be the planned construction of water projects, toilets, slaughter houses, marketplaces, and other communal projects, along with propaganda urging the population to adopt hygienic habits. The possibility of favorable results is shown by the success of the campaign against malaria, which will soon have eradicated the disease entirely. Table, charts, diagram.
1/1/References to Yugoslav works..

YUGOSLAVIA

POPOVIC, Dr Dragoljub and Julijana, Belgrade [affiliation not given].

"Methods of Coloring Preparations of Blood for Purposes of Detecting Malaria Parasites."

Belgrade, Narodno Zdravlje, Vol 19, No 4, 1963, pp 135-137.

Abstract: The authors describe the Romanowsky method and the variations thereon devised by Giemsa, Walker, Field, and Jaswant Singh-Bhattachari.

No references..

YUGOSLAVIA

Prof Dr Jovan CEKIC and Dr Dragoljub POPOVIC [Affiliation not given.]

"The Sixth Medical Week of Balkan Countries."

Belgrade, Medicinski Glasnik, Vol 17, No 1, Jan 63; p 41.

Abstract : Report of meeting held in May 1962 in Bucharest with participants from Albania Bulgaria Cyprus Greece Rumania Turkey and Yugoslavia. Main problems discussed were venereal diseases, malaria, and epidemiology of staphylococcal infections. Various reports are summarized, e.g. incidence of malaria in above countries in 1961 was 77, 3, 7, 149, 28, 3454 and 57 respectively; insecticide resistance problems are worrisome. Next meeting in Sofia in 1964: tuberculosis, mycoses, rheumatism.

1/1

RISTIC, Milorad, inz., saradnik; POPOVIC, Dragoslav, dr. inz., saradnik

Application of nuclear energy in economy. Tesla no.11/12:7-16
Jl-Ag '55.

1. Institut za nuklearnu energiju "Boris Kidric," Vinca.

POPOVIC, D.

Yugoslav

With B. Grimeland, " ^{235}U fission cross section," Phys. Abs., 1954.

FOFOVIC, D.

Yugoslav

"Resonance absorption of neutrons in sodium," Phys. Abs., 1954.

POPOVIC, D.

Yugoslav

"Validity of the inverse velocity law for the fission cross section of U^{235} ,"
Phys. Abs., 1954.

POPOVIC, D.

Yugoslav

"Resonance absorption of neutrons in Na," Chem. Abs., 1954.

POPVIC, DRAGOSLAV

3

YUGO

Determination of the characteristics of the neutron spectrum from a nuclear reactor. Dragoslav Popovic (Inst. Nuclear Sci., Boris Kidrich, Belgrade, Yugoslavia). *Bull. Inst. Nuclear Sci., Boris Kidrich*, 4, 83-8, 1964.

The no. of thermal, epithermal, and fast neutrons per unit vol. for the Norwegian U-D₂O reactor (JEEP) was detd. The neutron temp. distribution was detd. by using diffraction from a Pb crystal and a BF₃ counter to detect the diffracted beam. The epithermal flux was detd. by using a B film counter to detect the neutrons transmitted by a Cd sheet 0.83 mm thick. The fast neutron spectrum was detd. by using absorbers of known transmission for epithermal and fast neutrons; and a fission counter as a detector. A thermal neutron temp. of 460°K. was found. J. E. Hodgson.

[Handwritten signature]

POPOVIC, D

621.317.352 : 621.317.755
1446. A contribution to power measurement with the
cathode-ray oscilloscope. V. POPOVIC AND D. POPOVIC.
Elektroni. Vestnik, 23, No. 1-2, 2-6 (1955). In
Serbian, with English translation pp. a1-a4.

The method of measurement, which is intended for
l.f. and h.f. ranges, consists in connecting one pair of
plates across the load and the other across a capacitor
in series with it. The area of the resulting ellipse is
then a measure of the power in the load. The presence
of the series capacitor alters the circuit conditions
but this can be countered by taking a series of measure-
ments with different values of capacitance and then
plotting $1/P$ against either (a) $1/C$ or (b) $1/C^2$, where
 P is the power and C is the capacitance. By extra-
polating, the value of P can be determined for $C \rightarrow \infty$.
As the curve $1/P$ v. $1/C^2$ is a straight line, the extra-
polation is easy and reliable. Examples are worked
out for a resistance and an inductive load.

H. G. M. SPRATT

① *[Handwritten signature]*

Popovic, Dragoslav

✓ The time involved in the fission process. Dragoslav Popovic (Inst. Nuclear Sci., Belgrad, Yugoslavia). ~~Pub. Intern. Conf. Peaceful Uses Atomic Energy, Geneva, 1955 2, 164 (Pub. 1958).~~—A short discourse on the time involved in the fission process, 3×10^{-14} sec., leads to the conclusion that the lifetime of the compd. nucleus is of the same order of magnitude as the period of the system. Geo. T. Dib

100 PMP
KTB
DIB

POPOVIC, D.

Measurement of safety-rod effectiveness of the Zero Energy Reactor RB-17N. Ralić, D. Popović, S. Takač, H. Marković, R. Martinč, and L. Radanović (Inst. Nuclear Sci., "Boris Kidrič", Belgrade, Yugoslavia). *Bull. Inst. Nuclear Sci. "Boris Kidrič"* (Belgrade) 9, No. 170, 21-7(1969).—The reactor uses 2 safety rods displaced eccentrically along the diam. of a cylindrical reactor. Each rod was designed for one dollar effectiveness, but theoretically as placed should have interfered so that the 2 rods would show substantial less than two dollars worth of control. Exptl. the values for a single rod were approx. correct, but less interference was found than was predicted.

8
2-1132

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Jan

POPCVIĆ, D.

On the detection of pneumoconiosis in workers of the cement industry. Arh. hig. rada 15 no.4:353-376 '64.

1. Institut za medicinu rada , Socijalističke Republike Srbije, Beograd.

POPCVIC, Ivanka; STEFANOVIC, Olga; POPOVIC, Dusan

Elimination of purine bases during roentgen irradiation and
cytostatic treatment of cancer of the female genitalia. Med.
pregl. 17 no.10:541-549 '64.

1. Kabinet za hemiju Medicinskog fakulteta u Novom Sadu (Sef:
Doc.dr. Olga Stefanovic) ; Klinika za ginekologiju i akuserstvo
Klinicke bolnice u Novom Sadu (Nacelnik: Prof. dr. Slavko
Durisic).

POPOVIC, Dusan A.

Antibiotics as inhibitors of RNA biosynthesis in neoplastic tissue. Incorporation of 2-C-14 orotic acid into the RNA of Ehrlich carcinoma in various concentrations of actinomycin D. Med. pregl. 17 no.10:565-569 '64.

1. Institut za medicinska istrazivanja u Novom Sadu (Direktor: Prof. dr. Strahinja Marinkov).

PAP0,I., prof. dr.; FAJGELJ,I., doc. dr.; POPOVIC, D., doc. dr.

Our experience with open heart surgery using extracorporeal circulation. Med. arh. 18 no.5:9-16 S-0'64.

1. Hirurska klinika VMA, Beograd.

127-577-7
SRETENOVIC, B.; VELICKOVIC, C.; POPOVIC, D.

Trichinosis epidemic in the village Milakovac in Zica District
in 1954. Glas.hig.Anst.,Beogr. 4 no.1-2:33-40 Jan-June '55.

1. Higijenski Zavod Kraljevo-upravnik: dr. Dragoljub Popovic.
Gradska bolnica Kraljevo-upravnik: dr. Borisav Sretenovic.
(TRICHINOSIS, epidemiol.
in Serbia, Yugosl.,clim.aspects(Ser))

POPOVIC, Dragoljub

TODOROVIC, Sofija; POFOVIC, Dragoljub

Incidence of intestinal helminth infections in children of pre-school and school institutions in Belgrade and Zemun. Glasn. hig. inst., Beogr. 5 no.4:85-90 Dec '66.

(HELMINTH INFECTIONS, in inf. & child
intestinal, in pre-school & school child in Yugosl. (Ser))
(INTESTINES, dis.
helminth infect. in pre-school & school child. in
Yugosl. (Ser))

POPOVIC, D.

MILOVANOVIC, M.; POPOVIC, D.

Malaria in the People's Republic of Serbia from 1952 until the end
of 1956. Glasn. Hig. inst., Beogr. 6 no.1-2:105-121 Jan-June 57.

(MALARIA, epidemiol.
in Yugosl. (Ser))

DIMIC, M. dr.; POPOVIC, D., dr.; KARAJOVIC, D., dr.

Diagnostic problems in occupational asthma. Med. glas. 18 no.3:
76-79 Br-Ap '64.

1. Institut za medicinu rada Socijalističke Republike Srbije u
Beogradu (Direktor: prof. dr. D. Karajovic).

POPOVIC, Dusan; RUZIC, Aleksandar; DIMITRIJEVIC, Svetislav; VUJGIC,
Velika; KICOVIC, Petar; SAVIC, Dobrila; BOCINA, Eranko.

Cyclic thrombocytopenia of the hyperestrogenic type. Med. prgl.
18 no. 5:159-161 ' 65.

1. Bolnica "Dr. Dragisa Misovic", Beograd; Odsek za klinicka
fiziologiju (Sef: Prim. dr. Aleksandar Ruzic); Ginekološko
akusersko odeljenje (Nacelnik: Prim. dr. Svetislav Dimitrijevic)
i Interno odeljenje (Nacelnik: Prof. dr. Frane Dulic).

PROTIC, Milena; POPOVIC, Dusan; BERIC, Berislav

Dental status in pregnancy. Med. pregl. 18 no. 3:99-101
' 65.

1. Regionalni centar za zdravstvenu zastitu majke i deteta, Novi
Sad (Upravnik: dr. Nandor Miklos).

POPOVIC, Ivanka; STEFANOVIC, Olga; POPOVIC, Dusan; BREGUN-DRAGIC, Nada

Urinary purines in normal pregnancy and in pregnancy toxemias.
Med. pregl. 17 no.8:403-413 '64

1. Kabinet za hemiju Medicinskog fakulteta u Novom Sadu (Sef:
Doc. dr. Olga Stefanovic); Klinika za ginekologiju i akuserstvo
Klinicke bolnice u Novom Sadu (Nacelnik: prof. dr. Slavko
Durisic).

BERIC, Berislav; POPOVIC, Dusan N.

Modern treatment of genito-urinary trichomoniasis in adolescent girls. Srpski arh. celok. lek. 93 no.2:185-191 F '65

1. Pokrajinski centr za zastitu majke u deteta u Novom Sadu
(Upravnik: dr. Draga Belopavlovic).

YUGOSLAVIA

Dr Dragoljub POPOVIC, Department of Parasitology, Institute for Health Protection of the Peoples' Republic of Serbia (Parazitolosko odeljenje Zavod za zdravstvenu zastitu NRS [Narodne republike Srbije,] Belgrade.

"Malaria, Antimalarial Measures and Implementation of the Campaign to Eradicate Malaria in the Peoples' Republic of Serbia."

Belgrade, Narodno Zdravlje, Vol 19, No 3, 1963; pp 97-102.

Abstract: A general historical review, status analysis and evaluation of future probabilities and plans regarding epidemiology of malaria in Serbia and Yugoslavia as a whole. From over 200,000 cases yearly in war years, new cases fell to virtually zero in 1962, due mainly to DDT residual spraying with WHO assistance and active therapy with effective drugs. Defects and inconsistencies in present patterns of battle against malaria are stressed, plans for 1963-1965 briefly outlines the main lines of attack. Map, 2 graphs, 5 tables.

1/1

MILOVANOVIC, Milan, prof., dr.; POPOVIC, Dragoljub, dr.

Contribution to the study of the epidemic of kala-azar in
Serbia. Glas. hig. inst. 9 no.1/2:23-27 '60.

(LEISHMANIASIS VISCERAL epidemiol)

YUGOSLAVIA

POPVIC, Dr. Dušan and Julijana POPVIC (not identified) of Belgrade.

"The Eradication of Malaria: Preparing Slides for Taking Blood Smears, Packing, and Shipping to the Field."

Belgrade, Haroino Zdravlie, Vol 19, No 2, 1983, pp 66-67.

Abstract: The authors insist on slides which are clean, smooth, of uniform size, and suitably durable. The idea that new slides are good for purposes of taking blood smears is erroneous, and the authors prescribe methods for cleaning new as well as used slides. Diagrams show how to pack slides for storage and shipment. No references.

1/1

POPOVIC, Dragoljub

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: Dr

Affiliation: /not given/

Source: Belgrade, Narodno Zdravlje, Vol XVII, No 6, June 1961,
p 207

Data: "Epidemiological Survey of Confirmed Cases of Malaria
Infection."

POPOVIC, Dragoljub
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: Dr.

Affiliation: not given

Source: Belgrade, Narodno zdravlje, No 7-8, 1961, pp 259-260.

Data: "The Importance of Reporting Malaria Cases in the Malaria Eradication Campaign."

DANILOVIC, V.; KARAJOVIC, D.; LJALJEVIC, M.; POPOVIC, D.; SPUZIC, I.

Diagnosis of allergy among bakers and millers. Acta med. iugosl.
13 no.3:294-300 '59.

1. Centre clinique pour les maladies professionnelles, Faculte de
Medecine de Belgrade.

(ALLERGY etiol.)

(FLOUR)

(OCCUPATIONAL DISEASES etiol.)

YUGOSLAVIA/Farm Animals - Cattle.

Q-3

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30938

Author : Popovic D., Mitrovic D.

Inst :

Title : The Study of the Development of Simmental Calves During the First Four Months of Their Life.
(Izucheniye razvitiya simmental'skikh telyat v pervyye chetyre mesyatsa ikh zhizni).

Orig Pub : Veterinaria (Jugosl.), 1956, 5, No 4, 631-641.

Abstract : The measurements and weighing of Simmental calves (67 heifers and 41 bulls) were carried out during 120 days. The doubling of the weight of the bulls occurred, on the average, at the age of 51 days, and that of the heifers at the age of 52 days, with the variation for the former of 20-123 days and for the latter of 31-102 days. The intensiveness of the growth of the different measurements of the animals was uneven.

Card 1/3

YUGOSLOAVIA/Farm Animals - Cattle.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30938

The measurements of the body and of the depth and width of the breast were increasing somewhat more rapidly than the height at the withers. As to their measurements, the animals of the Simmenthal breed of Yugoslavia were less conspicuous as compared with measurements of the same breed in other countries, as for instance in Germany. The body weight of heifers at birth was, on the average, 39.49 kg. (25-52 kg.), of bulls - 44.17 kg. (34-59 kg.), and at the age of 120 days it was 144.10 and 164.98 kg., respectively. The average daily rate of gain in heifers was 840 g. and in bulls 1,004 g. The height of bulls at the withers at the age of 120 days was 101.6 cm. and that of heifers 98.5 cm.; the circumference of the breast was 121.92 and 116.56 cm., the depth of the breast 24.80 and 25.95 cm., and the length of the body 98.58 and 102.07 cm.,

Card 2/3

- 29 -

Abs Jour

/Farm Animals - Cattle.

: Ref Zhur - Biol., No 7, 1958, 30938

Q-3

respectively. The absolute and relative increase of the measurements and of body weight, with age, are given.

Card 3/3

BEK-UZAROV, Djordje N. [Bek-Uzarov, Dorde N.]; BULOVIC, Vlastimir F.;
POPOVIC, Dragica R.; UROSEVIC, Vladeta V.

Absolute measurement of Au¹⁹⁸ (Intercomparison with Harwell). Bul
Inst Nucl 10:19-24 Mr '60. (EEAI 10:5)

1. Institute of Nuclear Sciences "Boris Kidrich" Laboratory of
Physics.
(Gold) (Neutrons) (Beta rays) (Gamma rays)

RASIC, Nenad M.; POPOVIC, Dragoslav D.; TAKAC, Stevan M.; DORDEVIC,
Magdalena M.

The experimental determination of the buckling in the bare heavy water
natural uranium critical assembly "RB." Bul Inst Nucl 10:1-6 Mr '60.
(EEAI 10:5)

1. Institute of Nuclear Sciences "Boris Kidrich" Laboratory of Physics.
(Deuterium oxide) (Uranium) (Neutrons)