

CA POPA, GR. GR.

11H

The favorable influence of strophanthin on the action of potassium ion. Characteristics of the action of digitalis drugs. D. Danielopolu and Gr. Gr. Popa. Acad. Rep. Populare Române, Bul. Stiin., B. Stiin. Med. 1, No. 2, 11 pp. (1949).
-On intestines of animals digitalis drugs (I) and especially strophanthin favor more the action of K ion than that of Ca ion. The therapeutic action of I is based on the fact that I combines with the constituent elements of the cells to form complex substances (II) which exhibit prolonged actions varying with the type of I. II are characteristically reversible in time.
Kamamel Mendloger

S/081/62/000/017/031/102
B162/B101AUTHORS: Popa, Gr., Negoiu, D., Baiulescu, G.

TITLE: Photometric detection of trivalent gold by means of anthranilic acid

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1962, 125, abstract 17D39 (An. Univ. "C.I. Parhon". Ser. stiint. natur., v. 9, no. 26, 1960, 99-102 [Rum.; summaries in Rus. and Ger.])

TEXT: Investigations are made of color reactions of Au^{3+} with anthranilic acid (I) and with two of its derivatives: dibromo anthranilic (II) and 4-nitroanthranilic acids (III). The best results are obtained by using I. II and III are less sensitive and the colored solutions obtained are insufficiently stable. The maximum light absorption of the Au^{3+} complex with I is found at 533 $m\mu$ (filter S₅₃), the optimum pH value is 3-4.5.

The Beer rule is valid at Au concentrations from 6.84 to 82.12 μ /ml. Addition of pyridine does not much affect the absorption. To determine Au, 2 ml of 1% ethanolic solution of I, containing 1% by volume pyridine, ✓

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Photometric detection of trivalent...

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is added to the solution analyzed which is then diluted by ethanol to 10 ml and photometrically measured, using the solution of the checking experiment as a reference solution. [Abstracter's note: Complete translation.]

Card 2/2

S/081/62/000/017/032/102
B162/B101

AUTHORS: Popa, Gr., Negoiu, D., Baiulescu, Gh., Lerch, R.

TITLE: Gravimetric determination of trivalent indium by means of quinaldic acid

PERIODICAL: Referativnyy zhurnal.. Khimiya, no. 17, 1962, 127, abstract 17D49 (An. Univ. "C.I. Parhon". Ser. stiint. natur., v. 9, no. 26, 1960, 85-88 [Rum.; summaries in Rus. and Ger.])

TEXT: It is established, that quinaldic acid (I) precipitates quantitatively In^{3+} in the form of a white crystalline sediment of the composition $In(C_{10}H_6O_2N)_2OH$, which is suitable for gravimetric determination of In. The sample analyzed (0.0011-0.0112 In) is dissolved in HNO_3 , the solution is evaporated to dryness, 2.5 ml HNO_3 is added to the residue, diluted with water to 250 ml and in an aliquot batch of the solution obtained, In^{3+} is precipitated at 80-100°C with an 1% aqueous solution of I after adding a small quantity of CH_3COONa . The precipitate is filtered off, washed with

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Gravimetric determination of...

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warm water and dried at 110°C. The conversion factor is 0.2410. Error $\leq 1.5\%$. The method is also applicable to microdetection of In. Based on the investigation of the solubility of In and Zn quinaldates, it is concluded, that the change in H^+ concentration does not permit separation of these two elements by means of I. [Abstracter's note: Complete translation.]

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Card 2/2

POPA, Grigore; CROITORU, Vasilica; COSTACHE, Dumitru

Colorimetric determination of Pd(II) in the presence of
Pt(IV) and Hg(II). Studia Univ B-B S Chem 8 no.1:195-198 '63

1. Bucharest University.

POPA, Gr.; BAIULESCU, Gh.; MOLDOVEANU, S.

Amperometric determination of the Hf(IV) with tartrazine and flavazine L (free acid). Studii cerc chim 11 no.2:287-290 '63.

1. Catedra de chimie analitica a Facultatii de chimie a Universitatii din Bucuresti.

RUMANIA / Cultivated Plants. Ornamental Plants.

M

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25144

Author : Ghenovici, A.; Popa, I.

Inst : Not given

Title : Additional Light on Horticulture

Orig Pub : Rev. gospod. agric. stat, 1958, No 1, 3-7

Abstract : No abstract given

Card 1/1

STATICESCU, P., ing.; OLTEANU, Gh., dr.; MATEI, A., ing.; MUNTEANU, E.,
ing.; LUTSCH, M., ing.; POPA, I., ing.; RACZ, Z., ing.;
COSMA, I., ing.; LENGYEL, V., ing.; LUNGU, C., ing.;
SINGER, M., ing.; CRETU, I., ing.; GRIGORAS, m., ing.;
CRACIUNESCU, C., ing.; COLIS, I., ing.; BACOS, M., ing.;
ALEXANDRESCU, T., ing.; BERZOVAN, I., ing.; TOARNICZSKI, E., ing.;
OCHIANA, S., ing.; MOCANU, E., ing.

Results obtained with different varieties in sugar-beet
growing. Ind alim 14 no.9:342-348 S'63.

1. Fabrica de zahar Giurgiu (for Matei, Munteanu).
2. Fabrica de zahar Bod (for Lutsch, Popa).
3. Fabrica de zahar Tg. Mures (for Racz, Cosma, Lengyel).
4. Fabrica de zahar Roman (for Lungu, Singer).
5. Fabrica de zahar Bucecea (for Cretu, Grigoras).
6. Fabrica de zahar Oltenia (for Craciunescu, Colis).
7. Fabrica de zahar Banat (for Bacos).
8. Fabrica de zahar Arad (for Alexandrescu, Erzovan).
9. Fabrica de zahar Ludus (for Toarniczski, Ochiana).
10. Fabrica de zahar Sascut (for Mocanu).

ROMA, I.
RUMANIA / Farm Animals: Cattle. Q

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21234

Author : Andrei, N.; Marin, L.; Popa, I.; Adochitei, C.

Inst : Not given

Title : Investigations of the Problem of Morphologic-
Productive Properties in Cows of the Pinzgau Breed
at the Cotusca State Farm

Orig Pub : Probl. zootehn. si veterin., 1958, No 4, 13-21

Abstract : The Pinzgau cattle at the Cotusca State Farm has a
well proportioned and strong body build and possesses
a lively disposition. The cows' average milk yield
amounts to 3165 liters, the maximum being 6157 liters.

Card 1/1

POPA, G., dr.

The diagnostic value of splenic puncture. Rumanian med. rev.
19 no.2:23-28 Ap-Je '65.

POPA, I. ; SAMOILA, I.

Chalcographic study of complex pyrite and copper ores from Lesul-Ursului II.
p. 30.

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industriei Petrolului si
Chimiei, Directia Exploatarilor Miniere si Asociatia Stiintifica a
Inginerilor si Tehnicienilor din Romina) Bucuresti, Rumania. Vol. 10,
no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

GEORGIEV, G. (Jassy, Rumania); POPA, I. (Jassy, Rumania)

Projective differential geometry of variety of cones in space with
three dimensions. Izv mat inst BAN 5 no.1:83-99 '61.

IOANID, N.; BORS, G.; POPA, I.; ZVINCA, E.; PUCEREA, I.

Study of the injurious substances of the air in steel and iron foundries. Rev. igiena microb. epidem., Bucur. No.2:64-68 Apr-June 54.

(AIR POLLUTION

in steel & iron foundries, contaminants, determ. of concentration in air)

(INDUSTRIAL HYGIENE

air-sampling in steel & iron foundries for determ. of concentration of contaminants)

RUMANIA / Chemical Technology. Pharmaceuticals.
Vitamins. Antibiotics.

H-17

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 78681.

Author : Popa, J., Leiba, H.

Inst : Not given.

Title : Silicones and Their Application in the Pharma-
ceutical Industry.

Orig Pub: Farmacia (Romin), 1956, 4, No 2, 147-154.

Abstract: No abstract.

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5

Abs Jour : Ref Zhur - Khimiya, No 2, 1958, 5175

Author : Ioanid N., Bors Gh., Popa I., Zvinca El.,
Stanciu I.

APPROVED FOR RELEASE: 07/13/2001 - CIA-RDP86-00513R001342210011-6"

Inst : Not Given

Title : Toxicological Analysis of the Air in the Pro-
duction of Furfurol.

Orig Pub : Farmacia (Romin.), 1957, 5, No 1, 18-24

Abstract : The analyses have shown that concentrations of
furfurol exceed the maximum permissible. A
number of prophylactic measures are proposed.

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syringe needles, syringe parts

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1 10/A
RUMANIA / Analytical Chemistry. Analysis of Organic
Substances

E.3

Abs Jour : Ref Zhur - Khim., No 10, 1958, No 32240.

Author : N. Ioanid, Gh. Bors, I. Popa

Inst : -

Title : New Forensic-Chemical Data Concerning Chloropicrin

Orig Pub : Farmacia (Roman.), 1957, 5, No 4, 295-299

Abstract : Two methods were used for the extraction of chloro-
picrin (I) from organs of a human being, which had committed
suicide by poisoning. These methods were: 1/ treatment of
the organs with steam and 2/ extraction with ethyl alcohol
with a following treatment with steam. The presented re-
sults show that the first method yields better results. No
poison was detected in the cerebrum and spleen. The great-
est amount of I was found in the stomach and its contents
and, in a decreasing order, in the kidneys, liver, intesti-
nes and their contents, blood and lungs. It established at

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POPA, I.

Distr: 4E2c

27
 Methods of collection and analysis of some toxic admixtures in industrial atmospheres. The determination of carbon monoxide; its effect and the mechanism of the same on palladium chloride + heteropolyacid. N. Ioanid, Gh. Bors, I. Popa, and I. Armăşescu (Fac. farm., Bucharest, Romania). *Lucrările prezentate conf. ştiin. farm., Bucharest*

1958, 233-41.—The system of PdCl₂ + phosphotungstomolybdic acid (I) is used for the detn. of CO. The method suggested utilizes the action of the CO on PdCl₂ in assocn. with I. The mechanism of the action is outlined as follows: The CO first affects the PdCl₂, the reduced Pd then acts as a reducing agent on the heteropolyacid, indicated by the appearance of a blue color. When using the reagent in the proportion of 3 ml. 0.1% PdCl₂ + 3 ml. Folin-Ciocalteu reagent (C.A. 21, 3210), const., comparable, and reproducible results can be obtained, necessitating only 15 min. for the total reaction. Mohr salt has the same effect on the above reagent as CO and was, therefore, used as standard. The limit of sensitivity is 0.008 mg. CO for a final diln. of a soln. of 10 ml., and 0.015 mg. CO for a final diln. of 25 ml. If H₂S, SO₂, or N₂O are also in the air, they must be eliminated before the CO detn. by conducting the air first through a flask contg. NaAsO₂, Na arsenate, NaOH, and distd. water. Felicitas D. Goodman

FOIA, I.

~~SURNAME (in caps); Given Names~~

Country: Rumania

Academic Degrees: Conf. Farm.

Affiliation: not given

Source: Bucharest, Farmacia, No 5, May 61, pp 257-266.

Data: "Antidiabetic Sulfonamides."

POPA, I.

~~SURNAME~~ (in caps); Given Names

Country: Rumania

Academic Degrees: Conf.

Affiliation: --

Source: Bucharest, Farmacia, No 6, 1961, pp 367-371.

Data: " Considerations on the Theory and Practice of the
Formation Reaction of Sulfanilamido-Chrysoiodine for
the Titration of Nitrites."

Co-author:

ARMASESCU, L., Pharmacist.

Popa, I.

RUMANIA

POPA, I.

MD, Pharmacist

Laboratory of Toxicology, School of Pharmacy (Laboratorul de Toxicologie, Facultatea de Farmacie), Bucharest.

Bucharest, Farmacia, No 2, Feb 63, pp 71-80.

"The physical and chemical properties of sulfonamides used for the identification and quantitative determination of the same."

ROMANIA

POPA, I., MD.

Toxicology Laboratory, School of Pharmacy, Bucharest
(Laboratorul de toxicologie Facultatea de farmacie,
Bucuresti)

Bucharest, Farmacia, No 6, Jun 63, pp 321-337

"The Metabolism and Toxicology of Certain Sulfonamides."

ROMANIA

IOANID, N., Professor; BORS, Gh., Lecturer; POPA, I., MD;
ARMASESCU, L., Pharmacist.

Toxicology Laboratory of the School of Pharmacy, Bucharest
(Laboratorul de toxicologie al Facultatii de farmacie,
Bucuresti) - (for all)

Bucharest, Farmacia, No 6, Jun 63, pp 349-352

"Application of the Sulfanylamido-chrysoidin-Forming Reaction
/ to Determine the Amount of Chloropicrin in the Air."

ROMANIA

POPA, I., MD, Pharmacist

Bucharest, Farmacia, No 9, Sep 63, pp 513-526

"The Metabolism and the Toxicology of Barbiturates."

POPA, I., farm. dr.

Progress in the field of sulfonamides. Farm Rum 11 no.12:
705-717 D '63.

1. Laboratorul de toxicologie, Facultatea de farmacie, Bucuresti.

POPPA, C.; POPA, I.; ENACHE, Fl.

Method of collecting blood for coagulation tests in patients with
polyglobulism. Stud. cercet. med. intern. 3 no.6:791-794 '62.
(POLYCYTHEMIA VERA) (BLOOD COAGULATION TESTS)
(BLOOD SPECIMEN COLLECTION)

IOANID, N., prof; BORS, Gh., conf.; STANESCU, Gh., ing.; POPA, I., dr.

Contributions to the problem of degasing cereals subjected to disinfection with hydrocyanic acid. Pt.1. Ind alim veget 13 no.1:1-5 Ja '62.

1. Decan, Facultatea de farmacie (for Ioanid).
2. Facultatea de farmacie (for Bors).
3. Director din C.S.V.P.A. (for Stanescu).
4. Sef lucrari, Institutul de medicina judiciara (for Popa).

POPPA, C.; POPA, I.; ENACHE, F.

Modification of the thromboplastin generation test in
investigation of cases of polyglobulia and interpretation
of the results obtained. Stud. cercet. med. intern.
4 no.3:403-406 '63.

(POLYCYTHEMIA VERA) (BLOOD COAGULATION TESTS)
(THROMBOPLASTIN)

POPPA, C.; POPA, I.; ENACHE, Florica; NICOARA, S.

Comparative study of the coagulation factors of the bone marrow and blood. Stud. cercet. med. intern. 4 no.6:837-846 '63.

*

POPPA, Cecil, dr.; POPA, I., chim.; ENACHE, Fl., chim.

Considerations on a case of purpura in a tuberculous patient treated with streptomycin and PAS. Med. intern. 15 no.1:93-96 Ja '63.

1. Lucrare efectuata la Institutul de hematologie, Bucuresti.
(STREPTOMYCIN TOXICOLOGY) (PURPURA)
(AMINOSALICYLIC ACID) (TUBERCULOSIS, PULMONARY)

DRANGA, Ana, dr.; POPA, I., dr.; ONCIU, G., dr.

Epidemiology of helminthiasis in the Terube delta. *Microbiologia*
(Bucur.) 9 no.3:207-210 My-Je '64

1. Lucrare efectuata la Institutul de igiena, Iasi si Statiunile
de malarie-helminnologie din Birlad si Corabia.

L 04505-67 JK

ACC NR: AP6033065

SOURCE CODE: RU/0012/66/000/005/0845/0850

AUTHOR: Julea, D. (Colonel; Engineer; Chemist); Popa, I. (Major; Medical corps)

ORG: none

TITLE: Present state of knowledge of type "V" chemical warfare agents

23
B

SOURCE: Revista sanitara militara, no. 5, 1966, 845-850

TOPIC TAGS: blood brain barrier, chemical warfare, neuromuscular agent, psychochemical agent, V agent, nitrogen mustard, chemical detection, decontamination

ABSTRACT: This survey of cholinesterase-inhibiting V-agents, based primarily on western sources, includes a discussion of structural factors contributing to the effectiveness of these agents. Brief descriptions of the mode of action, physical properties, chemical properties, decontamination of personnel and equipment, protection, first aid and treatment are given. [W.A. 50]

SUB CODE: 15/ SUBM DATE: 02Jun66/ ORIG REF: 001/ SOV REF: 001/
OTH REF: 006/

Card 1/1 mjs

PUBLIC HEALTH

616-002.951.21-084

RUMANIA

LUPASCU, Gh., Prof. TINTAREANU, Justina, Dr. SOLOMON, Paula, Biologist, SMOLINSKI, M., Dr. POPA, I., Dr. and COSTIN, Maria. Work performed at the "Dr I. Cantacuzino" Institute of Microbiology, Parasitology and Epidemiology (Institutul de Microbiologie, Parazitologie si Epidemiologie Dr I. Canatcuzino"), Bucharest.

"Aspects Concerning the Organization of a Campaign Against Teniasis (Taenia solium)."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 3, May-Jun 66, pp 257-263.

Abstract [Authors' English summary modified]: The authors describe a campaign against teniasis in a town where several cases of Taenia solium had been identified. The campaign involved simultaneous application of three approaches: effective treatment of carriers; determination of the extent of infestation; sanitary precautions and sanitary-hygienic education of the entire population. Includes 4 tables and 6 references, of which one Rumanian and 5 Western.-- Manuscript submitted 2 August 1965.

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RUMANIA

576.8.073.4:612.398.145.1

PORTOCALA, R., POPA, I., MORFEI, Ana, LACATUS, V., and POPESCU, M., of the Institute of Inframicrobiology (Institutul de Inframicrobiologie) of the Academy of the Socialist Republic of Rumania (al Academiei Republicii Socialiste Romania).

"Spectrophotometric and Chromatographic Column Analysis of Ribonucleic Acid Extracted from a Suspension of the Brain of Mice Infected with MM Virus Subjected to the Action of Heat."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 2, 66, pp 117-124.

Abstract: The authors found that heating to 75 degrees centigrade for periods ranging from 5 to 220 minutes did not cause a suspension of infected mouse brain to lose its infectivity, indicating that viral ribonucleic acid does not seem to be affected by heat treatment at this temperature. However, the highly polymerized tissue molecules showed significant changes in chromatographic properties within the first 5 minutes of heating.

Includes one table, 3 figures and 9 references, of which one Western and 8 Rumanian. -- Manuscript submitted 29 October 1965.

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CIA-RDP86-00513R001342210011-6"

RUMANIA

RU 0012/66/0007005/0845/0850

AUTHOR: Julea, D. (Colonel; Engineer; Chemist); Popa, I. (Major, Medical corps)

ORG: none

TITLE: Present state of knowledge of type "V" chemical warfare agents

SOURCE: Revista sanitara militara, no. 5, 1966, 845-850

TOPIC TAGS: blood brain barrier, chemical warfare, neuromuscular agent, psychochemical agent, V agent, nitrogen mustard, chemical detection, decontamination

ABSTRACT: This survey of cholinesterase-inhibiting V-agents, based primarily on western sources, includes a discussion of structural factors contributing to the effectiveness of these agents. Brief descriptions of the mode of action, physical properties, chemical properties, decontamination of personnel and equipment, protection, first aid and treatment are given. [W.A. 50]

POPPA, C., dr.; ENACHE, Florica, chim; POPA, I., chim.

The study of platelet changes appearing in the course of chronic leukemia in adults. Med. intern. (Bucur) 17 no.5:531-536 My '65

1. Lucrare efectuata la Institutul de hematologie, Bucuresti (director: prof. C.T. Nicolau).

POPA, I., ing.; SULER, S., ing.; GORAN, V., ing.; Constantinescu, S., ing.

Mechanizing concrete central stations. Rev constr si mat constr 15
no.10:529-535 0 '63.

1. Institutul de cercetari in constructii si economia constructiilor
(for Suler, Goran). 2. I.C.M.B. (for Constantinescu).

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EWT(1)/EDS/ES(a)/ES(j)/ES(c)/ES(k) AFFTC Pb-4
R/012/62/000/004/002/002

AUTHOR: Popa, I., Captain, Medical Corps 57

TITLE: Hypothermia syndrome due to improper wear of heavy protection suit

PERIODICAL: Revista Sanitara Militara, v. 58, no. 4, 1962, 634-639

TEXT: Components of this syndrome are polypnea, tachycardia, peripheral vasodilation, perspiration, hypotension, nervous and sensory disturbances. One of main problems is differential diagnosis, as from infections & other fever. Needed is peacetime training to increase tolerance, familiarize personnel with problems as they would occur in war. Graph 1 shows that in this type of hyperthermia pulse is 5 to 20 beats per minute faster than in fevers at equal body temperature; data from author's study with volunteers. Graph 2 is a nomogram showing that maximal permissible time of exposure in minutes = $100 - 2 X$ ambient temperature in centigrade; i.e. from 3 h at -40° thru 100' at 0° to 20' at $+40^{\circ}$.

Card 1/1

POPA, ILIE I.

3007

Popa, Ilie I. Sur les réseaux plans. Acad. Roum. Bull. Sect. Sci. 23, 31-33 (1942).

Let there be given a plane net $du dv = 0$. Let $x(u, v)$ be a point in the plane and $y = x(u + \Delta u, v + \Delta v)$ be a second point. The parametric tangents to $u = \text{constant}$ and $v = \text{constant}$ at x and y intersect in points whose limits as y approaches x determine a line h . The correspondence between h and the line $l(x, y)$ is such that to l corresponds one line h , and to a line h there corresponds one line l . The envelope of h as l varies in the pencil on x is a conic. Using this correspondence a characterization is given of the Darboux-Segre pencil in the plane. V. G. Grove (East Lansing, Mich.).

Source: Mathematical Reviews,

Vol 9 No. 9

[Handwritten signature]

Popa, Ilie

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Popa, Ilie Sur certaines surfaces de coincidence. Acad.
Roum. Bull. Sect. Sci. 27, 253-257 (1947).

Wilczynski [Trans. Amer. Math. Soc. 14, 421-443 (1913)]
showed that only on a particular coincidence surface are the
asymptotic curves of each family projectively equivalent.
The object of this paper is to prove that this property is
characteristic of this type of coincidence surface.

V. G. Grove (East Lansing, Mich.).

Source: Mathematical Reviews,

Vol 9 1 No. 10

8/11/71

Popa, Ilie

Popa, Ilie. Familles "R" of curves on a developable surface and negative pedal curves of a space curve. Acad. Repub. Pop. Române. Bul. Şti. A. 1, 529-534 (1949). (Romanian. Russian and French summaries)

The author's summary is as follows: "On dit qu'une famille simplement infinie de courbes tracées sur une surface développable est une famille "R" si celles-ci coupent homographiquement les génératrices de la développable. On montre que la condition nécessaire et suffisante, afin qu'une famille soit "R", est que les tangentes aux lignes de la famille, le long d'une génératrice, passent par un point fixe (1-ère espèce) ou qu'elles enveloppent une conique non dégénérée, tangente à l'arête de rebroussement de la développable (2-e espèce). Les plans osculateurs des lignes de la famille le long d'une même génératrice passent, dans le premier cas, par une droite fixe et, dans le second cas, engendrent une développable de troisième classe. Le lieu des coniques relatives au second cas est une surface de Blutel. Les podaires négatives d'une courbe gauche F constituent une famille "R" de première espèce sur la développable engendrée par les plans orthogonaux aux rayons vecteurs de F. Leurs plans osculateurs le long d'une génératrice de cette développable passent par la tangente correspondante de F." V. G. Grove (East Lansing, Mich).

Handwritten initials or signature.

Source: Mathematical Reviews,

Vol. 12 No. 7

POPA, ILIE

Popa, Ilie. Periodic solutions of a system of differential equations and conditions for the closure of a plane curve.

Acad. Repub. Pop. Române. Bul. Şti. A. 1, 539-541 (1947). (Romanian. Russian and French summaries)

L'auteur s'occupe des conditions requises pour qu'une courbe plane donnée, d'équation intrinsèque $1/\rho = f(s)$ soit fermée. Il arrive au système

$$d\alpha/ds - \beta f(s) - 1 = 0, \quad d\beta/ds + \alpha f(s) = 0$$

et montre que ces conditions sont données par

$$\int_r^r dx = \int_0^{2\pi} \rho \cos \varphi d\varphi = 0, \quad \int_r^r dy = \int_0^{2\pi} \rho \sin \varphi d\varphi = 0.$$

Author's summary.

Source: Mathematical Reviews,

Vol. 12 No. 4

A Sufficient Condition for the Non-Measurability of Bounded Functions

1611:

Popa, Ilie. Une condition suffisante de non-mesurabilité pour les fonctions bornées. Rev. Univ. "Al. I. Cuza" Inst. Politehn. Iași I (1954), 6-8. (Romanian. Russian and French summaries)

J. E. W
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On démontre la proposition: une condition suffisante afin qu'une fonction $f(x)$ bornée dans l'intervalle (a, b) soit non-mesurable est qu'une expression telle que

$$\varphi(x) = \sum_{r=0}^{n-1} \frac{\xi_{r+1} - \xi_r}{b-a} / \left[\frac{\xi_{r+1} - \xi_r}{b-a} x + \frac{b\xi_r - a\xi_{r+1}}{b-a} \right] - f(x)$$

$(\xi_0 = a, \xi_1, \dots, \xi_{n-1}, \xi_n = b)$, points de l'intervalle (a, b) garde un signe constant presque partout dans l'intervalle. Conséquence: Si la fonction $f(x)$ est continue dans l'intervalle (a, b) , l'équation $\varphi(x) = 0$ a toujours une racine dans le même intervalle. Cas particuliers: On a les mêmes résultats en prenant pour $\varphi(x)$

$$\theta / (\theta x + (1-\theta)a) + (1-\theta) / ((1-\theta)x + \theta b) - f(x), \quad 0 \leq \theta \leq 1,$$

ou

$$f\left(\frac{1}{2}(x+a)\right) + f\left(\frac{1}{2}(x+b)\right) - 2f(x).$$

Résumé de l'auteur

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PAPA I I A

✓ Popa, Ilie. Alexander and Vera Myller. An. Ști. Univ.
"Al. I. Cuza" Iași. Sect. I. (N. S.) 1 (1955), xi-xxiv.
(Romanian)

1-FW 2

Biographical sketches with portraits of a well-known
couple of Romanian mathematicians, who were both
students of Hilbert in the beginning of the century.

Find
all

POPA, I.

Recreatii stintifice, precursor of Gazeta matematica. p. 492.
GAZETA MATEMATICA SI FIZICA. SERIA A. Bucuresti.
Vol. 7, no. 9, Sept. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2,
February 1956

POPH, I.

KOLMAN, E.

p. 4

16(1) PHASE I BOOK EXPLOITATION SOV/1366

Istoriko-matematicheskiye issledovaniya, vyp. 11 (Research in Mathematical History, Nr 11) Moscow, Fizmatgiz, 1958. 792 p. 3,000 copies printed.

Eds. (Title page): Rybkin, G.F. and Yushkevich, A.F.; Ed. (Inside book): Konoplyankin, A.A.; Tech. Ed.: Murashova, N. Ya.

PURPOSE: This book is intended for mathematicians and others interested in the history of mathematics, and may serve as the basis for a suitable university text on the history of mathematics, thereby filling the most serious gap in Soviet mathematical literature.

COVERAGE: This book contains reports made by members of the section on the history of mathematics at the Third All-Union Mathematical Congress which discussed problems of the history of mathematics and various articles on the significance of the history of mathematics

Card 1/8

Popa, I. (Jasi). Contributions to the History of Mathematics in Romania

533

POPA, I.

3
Myller, A.I.; and Popa, I. Sections dans une prisme
triangulaire. Gaz. Mat. Fiz. Ser. A. 2 (1958), 76-84.
(Romanian. French and Russian summaries)
Chaque triangle est la projection d'un autre triangle
semblable avec un triangle donné.
Deu résumés des auteurs

JW
1/1

sm

POPA, I.

D. P. Gobjela, last professor of mathematics at the Greek Academy of Iasi;
a biographic sketch. p. 223.

STUDII SI CERCETARI STIINTIFICE. MATEMATICA. Iasi. Rumania. Vol. 9,
no. 2, 1958.

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

Uncl.

GEORGIEV, G.[Gheorghiev, G.] (Iasi); POPA, I. (Iasi)

Projective differential geometry of cone manifolds. Izv Mat inst BAN
5 no.1:83-99 '61.

POPA, I., prof.; GHEORGHIEV, Gh., prof.

Projective differential geometry of some equiparametric varieties (II).
Studii mat Iasi 12 no.1:115-124 '61.

1. Membri al Comitetului de redactie "Studii si cercetari stiintifice,
Matematica" [Academia Republicii Populare Romine, Filiala Iasi].

POPA, I.; GHEORGHIEV, Gh., prof. univ., (Iasi)

The common semiquadric equation of three linear complexes of
straight lines. Gaz mat fiz. 14 no.4:169-170 Ap '62.

POPA, Ilie

Documentation und propaganda, basic factors in the introduction of
new techniques. Rev cailor fer ll no.10:553-556 0 '63.

1. Seful Serviciului de documentare tehnica T. Tc.

GHEORGHIEV, Gh., prof. univ. (Iasi); POPA, I., prof. univ. (Iasi)

Professor Octav Mayer, on the occasion of receiving the title
"Man of Science of Rumania." Gaz mat fiz 15 no.9:495-500 S '63.

POPA, loan, correspondent

In the fiftieth year. Constr Bus 15 no. 758:2 18 J1'64.

POPA, Ioan; MANITIU, Alexandru, corespondent

From the activity of glass plants. Constr Euc 16 no.777:2
28 N '64.

1. Head of Planning Office, Tirnaveni Glass Plant (for Popa).

MANGLACHE, Mircea; LEBOVICI, Emanuel; COJOCARI, Emilia; ROSA, Ion

Aspects of the corrodibility of the 09G2 naval steel in the
welding region. Constr mas 16 no.4:189-193 Sp'64

POPA, Ion, economist

Calcareous stone quarry stimulates the rhythmical production.
Constr Buc 16 no.735:2 8 F'64.

POPA, Iordan

How we execute the jurisdictional prerogatives. Munca
sindic 7 no.12:57-59 D '63.

1. Presedintele comitetului sindicatului de la Statia
C.F.R., Simeria.

POPA, Iuliu, ing.

Flame which pierces concrete. Constr Buc 16 no.753:4 13 Je '64.

1. Chief technologist, Bucharest Enterprise of Ensemble Constructions.

FCPA, J.

Central electric-power distribution. p. 16. Financial plan of our industrial enterprises and its importance. p. 18

Tiknika - Vol. 5, No. 2, Mar./Apr. 1958, Tirane, Albania

Monthly Index of East European Accessions (EEAI) IC, Vol. 7, No. 10,
Oct. 58

POPA, J.

Distribution of electric power in the Ulze-Vlore system. p. 6

TEKNIKA. (Ministria Industri-Miniera dhe Nderim-Komunikacion) Tirane, Bulgaria.
(Issued by the Ministry of Industry and Mining and the Ministry of Construction
and Communication. Bimonthly) Vol. 5, (i.e. 6) no. 3, May/June 1959

Monthly List of East European Accessions (EEAI), IC, Vol. 8, no.11, Nov. 1959
Uncl.

EXCERPTA MEDICA Sec 2 Vol 12/7 Physiology July 59

2741. AMYLASE ACTIVITY OF SPERM - Activitatea amilazică a spermei -
Burulană L. M. and Popa L. - COM.ACAD.R.P.R. 1958, 8/2 (193-
198) Tables 1

Amylase activity was determined in bull and stallion sperm by an adaptation of the
mercurimetric technique of Baudouin and Lewin, the Wolgemuth method being un-
suitable for use with sperm. The amylase index, representing the amount of re-
ducing sugar (calculated as glucose) liberated in 10 min. by 1 ml. of sperm, was
found to range from 1 to 17.34 for the bull and from 0.9 to 3.10 for the stallion.
The amylase activity of sperm is thus 5-10 times that of the serum.

POPA, Lid
JOURNALNAME, Glv

Country:

Academic Deg

Affiliation: -n

Source: Buch
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POPA, L. ; DUICA, S.; MICLE, S.

Electrophoretic study of the variation of proteic fractions in the blood serum of twin lambs in relation to the age and phenotypic aspect. p. 917

COMUNICARILE. Bucuresti, Rumania. Vol. 8., no. 9, Sept. 1958

Monthly list of European Accessions (EEAI) **IC**, Vol. 8, no. 8, Aug. 1959

Uncl.

DINU, M.; POPA, L.; PEDURARU, I. [Paduraru, I.]

Functional correlations between the thyroid gland with albumin fractions, blood glutathione, and the nucleic acids of the rabbit liver. Rev biol 6 no.3:251-259 '61.

POPA, L.

Variation of the catalase activity and of the citric acid content in some medicinal plants at the different stages of vegetation. L. M. Burutana, V. Pop, E. Pop, and L. Popa. *Acad. rep. populare-Romane Baza cercelari, stin. Timisoara, Studii cercelari, stin.* 3, No. 1-2, 67-77 (1956). The catalase activity and its energy of activation and the citric acid content of 9 medicinal plants were studied at different stages of vegetation. In the leaves the catalase present increases at the beginning of the flowering season and then decreases. The quality of the enzyme varies inversely. The amt. of citric acid increases continuously, chiefly after the flowering season. In the stalk the process is the same, but for the citric acid content, which increases during flowering and diminishes after.

4

POPA, Lidia

Sugar fermentation under the action of the yeast submitted to high pressures. I. Influence of high pressures on the multiplication capacity and yeast fermentation. Comunicarile AR 11 no.12:1459-1465 - D '61.

1. Comunicare prezentata de N. Salageanu, membru corespondent al Academiei R.P.R.

Popa, L.
RUMANIA/Analytical Chemistry - Analysis of Inorganic Substances. E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24774

Author : Popper, E., Junie, V., Popa, L.

Inst : Rumanian Academy.

Title : New Rapid Micromethod for Gravimetric Determination of Lead.

Orig Pub : Studii si cercetari chim. Acad. RPR Fil. Cluj, 1956, 7, No 1-4, 89-94

Abstract : On interaction of Pb^{2+} with 2-mercapto-5-anilino-1,3,4-thiadiazole (I) in neutral or weakly acidic media there is formed on heating a yellow amorphous precipitate which is practically insoluble in water and in organic solvents and which is suitable for gravimetric determination of Pb. The solution being analyzed, containing 0.003-0.1 g Pb, is heated to boiling and there is added, dropwise and

Card 1/2

2

RUMANIA/Plant Physiology - Growth and Development.

I.

Abs Jour : Ref Zhur - Biol., No 23, 1953, 104386

Author : Buruiana, L.M., Pop, V., Popa, L., and Niculescu, P.

Inst : -

Title : Biochemical Method of Appraising the Effect of Certain Substances on Germination.

Orig Pub : Studii si Cercetari Stiint. Acad. RPR, Baza Timisoara, Ser. Stiinte Agric., 4, No 1-2, 119-126, 1957.

Abstract : The method proposed by the authors consists in determining catalase activity in seeds treated with various quantities of investigated substances 48 hours after the beginning of germination. The results of tests by this method of the effect of naphthoxyacetic acid, streptomycin, penicillin, and placental extracts, on seeds of wheat (Cenad 117), coincide with the hitherto published data on the effect of these substances on germination. Bibliography with 16 titles. -- M.Sh.

Card 1/1

COUNTRY : Rumania E-2
CATEGORY : Analytical Chemistry.

ABR. JOUR. : RZhKhim., No. 7, 1959, No. 23046

AUTHOR : Popper, E.; ~~Popa, I.~~; Junie, V.; Roman, L.
INST. : Rumanian Academy
TITLE : New Rapid Methods of Macro-, Semimicro-, and
Micro-Gravimetric Determination of Lead by
Means of Organic Reagents.

ORIG. PUB. : Studii si cercetari chim. Acad. RPR. Fil.
Cluj, 1957, 8, No 3-4, 269-279

ABSTRACT : Gravimetric methods of determination of Pb
have been worked out, which are based on the use of mono-
phenylhydrazo-dicarboxythiamide (I), monoallylhydrazo-
dicarboxythiamide (II), and mononaphthylhydrazo-dicarboxy-
thiamide (III) (RZhKhim, 1959, 4303), with which Pb²⁺ forms
yellow crystalline precipitates insoluble in ethanol, ether
and in the solution containing excess reagent. I, II, and
III form insoluble mercaptides with almost all cations of
heavy metals; cations of alkaline earth metals are not
precipitated by these reagents. Pb²⁺ replaces two H atoms
of the mercaptan, forming the following mercaptides: C₆H₅-
C₂N₄H₃S₂Pb, C₃H₅C₂N₄H₃S₂Pb and C₁₀H₇C₂N₄H₃S₂Pb.

CARD: 1/3

COUNTRY : Rumania E-2

CATEGORY : Analytical Chemistry.

ABS. JOUR. : RZKhim., No. 7, 1959, No. 23046

AUTHOR :

INST. :

TITLE :

ORIG. PUB. :

ABSTRACT : On macro-determination of Pb, 0.5-10 ml of neutral solution being analyzed (0.01-0.1 g Pb) are heated to a boil, hot ethanol solution of I or II is added, the mixture is kept on a water bath for 5 minutes, precipitate is filtered off, washed in succession with hot 50% ethanol, 95% ethanol, and ether, dried in vacuum desiccator, and weighed. Under these conditions III yields results that are too high because of its very low solubility in ethanol (0.05-0.1%); to obtain good results when using III, it is necessary to add ethanol to the solution being analyzed, and to wash the precipitate with a large amount of warm 90% ethanol. If the solution contains anions of strong acids

CARD: 2 /3

E-2

COUNTRY : Rumania
CATEGORY : Analytical Chemistry.

ABS. JOUR. : RZKhim., No. 7, 1959, No. 23046

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : (NO₃⁻) it is necessary, in all instances, to add acetate buffer solution. Micro- and semimicro-determinations of Pb are effected under analogous conditions. The minimum determinable concentration on using I, II, and III, is 10, 30, and 5 μ /ml of Pb, respectively. The error is \pm 0.4% on macro-, and \pm 1% on micro-determination. Duration of determination is \sim 30 minutes. -- B. Manole.

CARD: 3/3

E-22

RUMANIA/Analytical Chemistry. Analysis of Inorganic
Substances.

E-2

Abs Jour: Ref Zhur-Khim., No 13, 1958, 43027.

Author : Poper E., Popa L., Junie V., Roman L.

Inst :

Title : New Gravimetric Method for a Rapid Determination of
Cadmium.

Orig Pub: Rev. chin., 1957, 8, No 11, 714-716.

Abstract: On interaction of Cd^{2+} with monophenyl-hydra-
zodicarbon-thioamide $C_6H_5.NHC=N(SH)H_2N$ (I) in
neutralmedium, there is formed a stable white
precipitate which is insoluble in water, C_2H_5OH
and ether. I is readily synthesized from phenyl-
isothiocyanata and thiosemicarbazide in the pre-
sence of pyridine, and is a white powder, MP

Card : 1/3

ROMANIA/Analytical Chemistry. Analysis of Inorganic Substances.

E-2

Abs Jour: Ref Zhur-Khin., No 13, 1958 43027.

175-176°, soluble in C_2H_5OH , acetone, pyridine, and alkalis, and insoluble in water and in acids. In determining Cd there is added an equal volume of C_2H_5OH to 10-15 ml of a solution containing 0.01-0.15 g $CdSO_4$ or $Cd(CH_3COO)_2$, the mixture is heated on a water bath, and there is added, dropwise and with continuous stirring, an alcoholic solution of I_2 (0.5 or 1 g I_2 per 100 ml C_2H_5OH) after which the mixture is kept for 15 minutes on a water bath. The precipitate that is formed is filtered off, washed first with warm 50% C_2H_5OH , then with 96% C_2H_5OH (2-5 ml) and ether (3-5 ml), dried at 105-110° for 20-30 minutes, and weighed. If the solution being analyzed is weakly acidic, 1 ml of 2 N CH_3COONa

Card : 2/3

8

RUMANIA/Analytical Chemistry. Analysis of Inorganic
Substances.

E-2

Abs Jour: Ref Zhur-Khim., No 13, 1958, 43027.

is added. The absolute error varies from -0.2% to $+0.3\%$. The method is also suitable for a semi-micro determination of Cd.

Card : 3/3

COUNTRY : Rumania
CATEGORY :
ABS. JOUR. : RZKhim., No. 21 1959, No. 75795
AUTHOR : Popper, E., Popa, L., Junie, V., and Roman, L.
TEST. : Not given
TITLE : The Application of the Method for the Determination of Lead with Mercaptans to the Analysis of Medicinal Preparations
ORIG. PUB. : Farmacia (RPR), 6, No 5, 423-430 (1958)
ABSTRACT : A method is proposed for the quantitative determination of Pb in medicinals with 2-mercapto-5-anilino-1,3,4-thiodiazole. The method is accurate and sensitive in view of the adequate weight of the precipitate obtained and permits the determination of Pb with an accuracy of 6 gammas of Pb ions in 1 ml solution. The proposed method can be applied to the determination of Pb in the medicinal compounds listed in Vol 6 of the Rumanian Pharmacopoeia. The authors have also shown that

CARD: 1/2

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RUMANIA / Analytical Chemistry. Analysis of Inorganic Substances. E-2

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 7982.

Author : Popper, E., Popa, L., Junic, V., Roman, L.

Inst : Not given.

Title : New Rapid Method of Gravimetric Determination of Cadmium with Allyl-Monoamide of Hydrazine-N-N'-Bis-Thiocarbonic Acid. Communication II.

Orig Pub: Rev. chim., 1958, 9, No 6, 300-302.

abstract: A method has been developed, based on precipitation of Cd^{2+} with allyl-monoamide of hydrazine-N,N'-bis-thiocarbonic acid (monoallyl hydrazodicarbonthio-amide) (I) in presence of an electrolyte (NH_4Cl) as coagulant. 1-5 ml of Cd-salt solution being analyzed, containing 0.01-0.06 g Cd, heated on water bath, added 1-2 g solid NH_4Cl ,

Card 1/3

RUMANIA / Analytical Chemistry. Analysis of Inorganic E-2
Substances.

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 7982.

Abstract: 1% alcohol solution of I (in excess) and 1-2 g solid CH_3COONa (to produce buffer medium of about pH 6), stirred and left on water bath for additional 20 minutes. Warm solution with precipitate transferred to filter crucible, precipitate washed consecutively with warm water, warm 95% $\text{C}_2\text{H}_5\text{OH}$ (20-30 ml) and ether (3-5 ml), dried in vacuum, and weighed. Conversion factor is 0.37385. Duration of determination 45 minutes; error varies within limits from - 0.43 to + 0.34%. The method is suitable for semi-micro-determination of Cd. Maximum dilution about 6 micrograms/ml. Alkali- and alkaline earth metals

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RUMANIA / Analytical Chemistry. Analysis of Inorganic E-2
Substances.

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 7983.

Author : Popper, E., Popa, L., Junie, V., Roman, L.

Inst : Not given.

Title : New Rapid Method of Gravimetric Determination of
Cadmium with a Reagent of the Class of Mercap-
tanes. Communication III.

Orig Pub: Rev. Chim., 1958, 9, No 6, 302-305.

Abstract: It was found that 2-mercapto-5-anilino-1,3,4-thio-
diazole (I) used for the determination of Pb and
Hg (RZhKhim, 1958, 24757, 24774) is also suitable
for gravimetric determination of Cd. I forms
with Cd²⁺ a white precipitate (crystalline in
alcoholic medium and amorphous in alkaline med-
ium; molecular weight 528,978), insoluble in water,

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45

RUMANIA / Analytical Chemistry. Analysis of Inorganic E-2
Substances.

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 7983.

Abstract: ution of Na-salt of I (without C_2H_5OH); in this case the analytical procedure is analgous to the foregoing, but no CH_3COONa is added, the precipitate is washed with water, 95% C_2H_5OH , and ether. To prepare the solution of Na-salt of I, 1-2 g of I are treated with 0.1 N solution of NaOH (40 ml), 60 ml of water are added, the mixture is heated and excess of I is filtered off. Solutions of I and of its Na-salt must be kept out of contact with atmospheric O_2 . In both variants of the method the duration is of about 45 minutes; error $\pm 0.3\%$. Alkali- and alkaline earth metals do not interfere with determination of Cd. Communication II see preceding abstract. -- B. Manole.

Card 3/3

46

POPPER, E.; POPA, L.; PROINOV, L.; ROMAN, L.; CRACIUNEANU, R.; JUNIE, V.

Behavior of some heavy cations towards certain organic reagents.
Studii cerc chim 9 no.2:397-404 '61.

1. Facultatea de farmacie, Laboratorul de chimie analitica, Cluj.

(Cations) (Organic compounds)
(Chemical tests and reagents)

OPRESCU, St.; POPA, L.

Relations between the type of hemoglobin and certain productivity indexes in some sheep populations of Rumania. Comunicarile AR 12 no.1: 79-82 Ja '62

1. Comunicare prezentata de N. Teodoreanu, membru corespondent al Academiei R.P.R.

POPA, L.L.

Distribution of the ichthyofauna of the Prut River in various sections. Uch. zap. Kish. un. 62 no.11101-115 '62. (MIRA 16:7)

1. Kafedra zoologii pozvonochnykh zhivotnykh Kishinevskogo gosudarstvennogo universiteta.

(Prut River--Fishes)

DIEU, M.; POPA, L.; PADURARU, I.

Research on the correlation between the thyroid functional state
and some biochemie constants in rabbit liver and blood serum.
Studia cerc biol anim 15 no.2:159-169 '63.

1. Comunicare prezentata de V. Ghetie.

PORTOCOLA, R.; POPA, L.; SAMUEL, I.; PRAHOVEANU, E.

The action of some physical and chemical agents on the infectivity of nucleic acids isolated from viruses. IV. Chromatographic and spectrophotometric investigations of some ribonucleic acids extracted from the MM virus and exposed to the action of heat. Stud. cercet. inframicrobiol. 15 no.1:21-29 '64.

POPA, Liviu

The role of ribonucleic acid in protein synthesis. Stud. cercet.
inframicrobiol. 15 no.1:65-78 '64.

PORTOCALA, R.; SAMUEL, I.; POPA, L.; PRAHOVEANU, E.; BILLET, S.; HORER, O.

Comparative biological and physico-chemical studies of some
nucleic acids exposed to the action of heat. Stud. cercet. in-
frumicrobiol. 15 no. 5:423-440 '64.

PORTOCALA, R.; POPA, L.; SAMUEL, I.

Column-chromatographic fractionation of a tissue ribonucleic acid exposed to the action of ultraviolet rays. Stud. cercet. inframicrobiol. 16 no.1:11-15 '65.

PORTOCALA, R.; SAMUEL, I.; POPA, L.; DICULESCU, G.

Isolation by column chromatography of infectious ribonucleic acid extracted from the brain of a mouse inoculated with murine encephalomyocarditis virus. Studii cercet. inframicrobiol. 15 no.6:515-518 '64.

BACANU, Gh., dr.; ANGELESCU, Lucia, dr.; POPA, Lidia, dr.

Detection of diabetes mellitus in patients with myocardial
infarct. Med. Intern. (Buour.) 17 no.4:413-416 Ap '65.

1. Lucrare efectuata in Sectia de nutritie-diabet a Clinicii
I medicala, I. M. Timisoara (director: conf. St. Gavrilescu).

POPA, Liviu

Synthetic ribonucleic acids and genetic code problems. Stud.
cercet. inframicrobiol. 15 no.4:391-407 '64

FORȚOGAIA, Radu; POPA, Idrin

Technique of elusion and determination of fractionated Ab₁ in continuous wave on a column of diethylaminoethyl-cellulose. Studii cerc biochimie no.3:337-345 '64.

1. Institute of Inframicrobiology, Rumanian Academy, Bucharest.
Submitted March 4, 1964.

POPA LISSEANU, A.

The activity of the mixed advisory commissions in homologating textile products. Ind text Rum 12 no.5:205-206 My'61.

1. Secretarul Comisiilor Mixte de Avizare.

POPA, Marin

Experience of the trade-union organs in the Oltenia region
on the organization of production meetings. Munca sindic
7 no.6:5-8 Je '63.

1. Presedinte al Consiliului regional al sindicatelor Oltenia.

MIHAITA, S.; GHEORGHIU, I.; ONCIOIU, P.; POPA, M.; ALBU, T.; MARINESCU, I.

Notes on the duration of immunity induced with swine-pest vaccine treated with formol and adsorbed on aluminum hydroxide. Stud. cercet. inframicrobiol., Bucur. 8 no.2:221-227 1957.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in sedinta din 20 decembrie 1955.

(VIRUS DISEASES, immunology

hog cholera, duration of immunity after vacc. with formol-treated vaccine adsorbed on aluminum hydroxide)

(SWINE, diseases

same)

(VACCINES AND VACCINATION

hog cholera vaccine treated with formol & adsorbed on aluminum hydroxide, duration of immunity)

RUMANIA / Virology. Human and Animal Viruses.

E-3

Abs Jour: Ref Zhur-Biol., No 10, 1958, 43086.

Author : Gheorghiu, I., Mihaila, S., Oncioiu, P., Albu, T.,
Popa, M., Albolu, M.

Inst : Not given.

Title : A Study of Immunity to Hog Cholera.

Orig Pub: Anuarul Inst. seruri si vacc. Pasteur Bucuresti,
1956, 1, 17-30.

Abstract: No abstract.

Card 1/1

10

POPA, M.

RUMANIA/Diseases of Farm Animals. Diseases Caused by Viruses and Rickettsiae. R

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40636.

Author : Mihaita, S., Gheorghiu, I., Oncioiu, P., Popa, M.,
Albu, T., Marinescu, I.

Inst : Bucharest Pasteur Institute

Title : Duration of Active Immunity Produced by Formol
Aluminum Hydroxide Vaccine in Swine Pest.

Orig Pub: Anuarul Inst. seruri si vacc. Pasteur Bucuresti,
1956, 1, 31-38.

Abstract: No abstract.

Card : 1/1

Rumania/Diseases of Farm Animals. Diseases caused by Viruses R-1
and Rickettsiae

Abs Jour : Ref Zhur-Biol., No 1, 1958. 2724

Author : Mikheitse S., Popa M., Tomesku V., Vasku I.,
Oncheyu P., Isopesku I., Marinesku I.

Inst : Academy of the People's Republic of Rumania

Title : Anti-cholera-Swine Vaccine Prepared from Blood
Containing the Virus and Crystal-Violet Inactiva-
ted. Experimental Investigation and Preliminary
Practical Results

Orig Pub : Acad. RPR, 1956, 7, No 1-2, 119-130

Abstract : The examination of vaccine which has been prepa-
red by the Kulesko method, has shown that it es-
tablishes stable immunity in pigs in the course
of 11 months and that it does not have any harm-
ful effect on the animals. The vaccine may be sto-
red for 9 to 10 months without changing its

Card 1/2

POPA, M.

E-3

RUMANIA / Virology. Human and Animal Viruses.
Swine Disease Viruses.

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 90588

Authors : Mihata, S.; Popa, M.; Gheorghiu, I.; Oncioiu, P.

Inst : Pasteur Institute of Sera and Vaccines, Bucharest

Title : On the Question of Using Lapinized Virus in Active Immunization Against Swine Plague.

Orig Pub : Anuarul Inst. seruri si vacc. Pasteur Bucuresti, 1957, 2, 129-139.

Abstract : Vaccine prepared from the lapinized swine plague virus produces a lasting immunity in hogs; the hyperimmune anti-plague serum introduced simultaneously with the vaccine does not prevent the acquiring of an active post-vaccination immunity; lapinized virus multiplies in the rabbits' organism when introduced intravenously or intramuscularly; the virus multiplies more intensively in the organism of young animals. The

Card 1/2

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RUMANIA / Virology. Human and Animal Viruses.
Swine Disease Viruses.

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 90588

optimum virus concentration is reached in adult rabbits on the fifth day after infection, and in the case of young ones on the 4-5th day. The authors consider that vaccines from lapinized virus create an early strong and lasting immunity. --
From the authors' resume.

Card 2/2

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RUMANIA / Virology. Human and Animal Viruses.
Swine Disease Viruses.

E-3

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 90590

Authors : Gheorghiu, I.; Mihaita, S.; Albu, T.; Popa, M.

Inst : Pasteur Institute for Sera and Vaccines, Bucharest

Title : The Effect of Freezing and Thawing out on Formal Vaccine
Against Swine Plague.

Orig Pub : Anuarul Inst. seruri si vacc. Pasteur Bucuresti, 1957, 2,
359-369

Abstract : No abstract given.

Card 1/1

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