"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU, A., prof.; MUNTEANU, M., dr.

The place of corticoids in therapy of myocardial infarct.
Med. intern. 15 no.4:389-394 Ap '63.

1. Lucrare efectuata in Clinica a II-a medicala, Timisoara.
(MYOCARDIAL INFARCT) (CORTISONE)
(HYDROCORTISONE)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU,A.; ZOSIN,P.; SCHACHTER,A.; ILIESCU,Al.; REICHRATH,S.; CZERNCK,I.

Observations and research on the pathogenesis of hemorrhages produced by salicylic drugs. Probl. reumat., Bucur. no.6:49-56 '59.

(HEMORRHAGE,etiology)
(SALICYLATES, effects injurious)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU, A.; DINU, I.; GEORGESCU, I.; STERESCU, P.

Research on the mechanism of action of phenylbutazone in rheumatic diseases. Probl. reumat., Bucur. no.6:57-64 '59.

(PHENYLBUTAZONE, pharmacology)
(OXALATES, blood)
(URIC ACID, metabolism)
(RHEUMATISM, therapy)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU, A., prof.; GEORGESCU, I., dr.; HAMMER, A., dr.; MICLEA, F., dr.; ROTH, L., dr.; DANCAU, G., dr.

Phenylbutazone in the treatment of phlebothrombosis. Some new data on the mechanism of action. Med. int., Bucur. 12 no.1: 151-157 Ja '60.

1. Lucrare efectuata in Clinica a II-a medicala, I.M.F. Timisoara.
(THROMBOSIS, therapy)
(PHENYLBUTAZONE, therapy)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

1376. **Reactive episodic hypertension during the early stages of infarction** Hipertensiunea episodica reactionala din perioada de inceput a infarctului miocardic. Studiu privind frecventa, patogenia, semnificatia prognostica. PAUNESCU-PODEANU A., BERINDEI L., MICLEA F., DANCAU G., FALCOIANU A., SGAVIRDIA C. and LAZAR G. *Med. interna (Bucuresti)* 1958, 10 4 (541—546)

Nine clinical cases of myocardial infarction are presented, all of which initially presented an increase in arterial pressure, which lasted for a period ranging from a few hours to 2 or 3 days. In the authors' statistics, this situation was found in 1/3 of cases. The mechanism of this increase in pressure seems to be a neuroreflex, and its prognosis is favourable. Nicolaesco - Bucharest (XVIII, 6)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

SURNAME, Given Names

Country: Rumania

Academic Degrees: [not given]

Affiliation: [not given]

Source: Timisoara, Timisoara Medicala, No 2, Jul-Dec 60, pp 93-96.

Data: "Therapeutic Notes. From the Medical Literature and the Experience of Medical Clinic II."

GPO 981643

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

COUNTRY : Rumania B-13
CATEGORY :

ABS. JOUR. : RZKhim., no. 21 1959, no. 75619

AUTHOR : Chelaretiu, A., Oprescu, G., Nichita, O., Mihul, Iasi Polytechnic Institute

TITLE : A Method for the Determination of the Composition of Large-Pore Concretes. I, II.

ORIG. PUB. : Bul Inst Politeh Iasi, 3, No 3-4, 271-280 (1957)

ABSTRACT : The results from laboratory studies undertaken for the purpose of determining the effect of various factors on the thickness of the film of hydrated cement surrounding the particles of aggregate are given. The data obtained permit a calculation of the optimum cement/water ratio for a given grade of large-pore concrete.

Ya. Matlis

CARD: 1/1

A., Paunel, E., Dinu, V., Tudorae, A., Dumitrescu, I., Ciubotaru, V., and Orlovschi, N.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU PODEANU, A., prof.; MOISE, Odette, dr.

The role of infectious allergy in the genesis of some types of recurrent and migrant phlebitis. Therapeutic importance. Med. intern. (Bucur.) 16 no.12:1431-1437 D '64

1. Lucrare efectuata in Clinica a II-a medicala, I.M. Timisoara.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU, A.; MINTEANU, M.

The vasculo-visceral manifestations in myocardial infarct. Their physiopathological, nosological and clinical significance. Stud. cercet. med. intern. 5 no.1:9-17 '64

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU, A.

Problems of visceral pathology of dysendocrine origin studied from the viewpoint of the internis. Stud. cercet. endocr. 14 no.4/5/6: 523-531 '63.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

[illegible]

[illegible], A., [illegible]

[illegible], [illegible], [illegible], [illegible], [illegible]

[illegible]."

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU, A. prof.

Problems in the diagnosis of hypertensive disease. Med inter 15 no. 5:547-552 My '63.
(HYPERTENSION)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU, A., prof.; RADULA, P., dr.; CHIRITA, R., dr.

Acute abdomen, apparently surgical, as the expression of a degenerative rheumatism of the spinal column. Med. intern. 14 no.12:1513-1514 D '62.

1. Clinica medicala, I.M. Timisoara.
(ARTHRITIS, RHEUMATOID) (SPINAL DISEASES)
(ABDOMEN, ACUTE)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU, A.

ROMANIA

PAUNESCU-PODEANU, A., professor.

Bucharest, Viata medicala, No 6, [illegible], 1961, pp [illegible].

"To avoid errors in the diagnosis of Allergic Alveolitis. Data on the differential diagnosis of Allergic Manifestations."

(1)

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PAUNESCU-PODEANU, A., prof.

The problem of nephrotic hypodysproteinemia. Contribution to the description of the pathological aspects of the nephrotic syndrome. Med. intern. 14 no.9:1027-1033 S '62.

1. Institutul de medicina, Timisoara.
(NEPHROTIC SYNDROME) (BLOOD PROTEIN DISORDERS)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU, A. prof.; DINU, I., dr.

Clinical value and physiopathological significance of some non-specific intradermal tests in the diagnosis of allergic states. Med. intern. (Bucur.) 16 no.1:1409-1415 D '64.

1. Lucrare efectuata in Clinica a II-a medicala, Inst. [illegible] medical, Timisoara.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNESCU-PODEANU, A.

PAUNESCU-PODEANU, A., Professor.

Bucharest, Viata Medicala, [illegible], [illegible], [illegible].

"Memory, Medicine to day, [illegible] the field doctor."

(1)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

RUMANIA / General Problems of Pathology. Allergy. U

Abs Jour: Ref Zhur-Biol., No 11, 1958, 51528.

Author : Paunescu-Podeanu, A.
Inst : Not given.
Title : Allergy of the Respiratory System.

Orig Pub: Med interna, 1957, 9, No 11, 1615-1622.

Abstract: No abstract.

Card 1/1

16

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PACHOV Ivo, khimik

Carbamide in plastic industry. Tekhnika Bulg 2 no.2, p 18
F '53.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNOV, Iv.

Utilization of plastics in electric industries. Mashinostroene 11 no.9:44 S '62.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNOV, Mikhail, inzh.

Crystal state of polymers, and its peculiarities. Khim. i industriia 35 no.2:58-61 '63.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNOV, [illegible]

[illegible]

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNOV, R.M., inzh.

Influence of air temperature on building materials and constructions. Godisznik Inzh stroit inst 14 no.1:153-174 '62. [publ.'63]

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNOV, Roman M., inzh.

Some problems in testing building constructions. Tekhnika Bulg 12 no.5:22-24, 27 '63.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

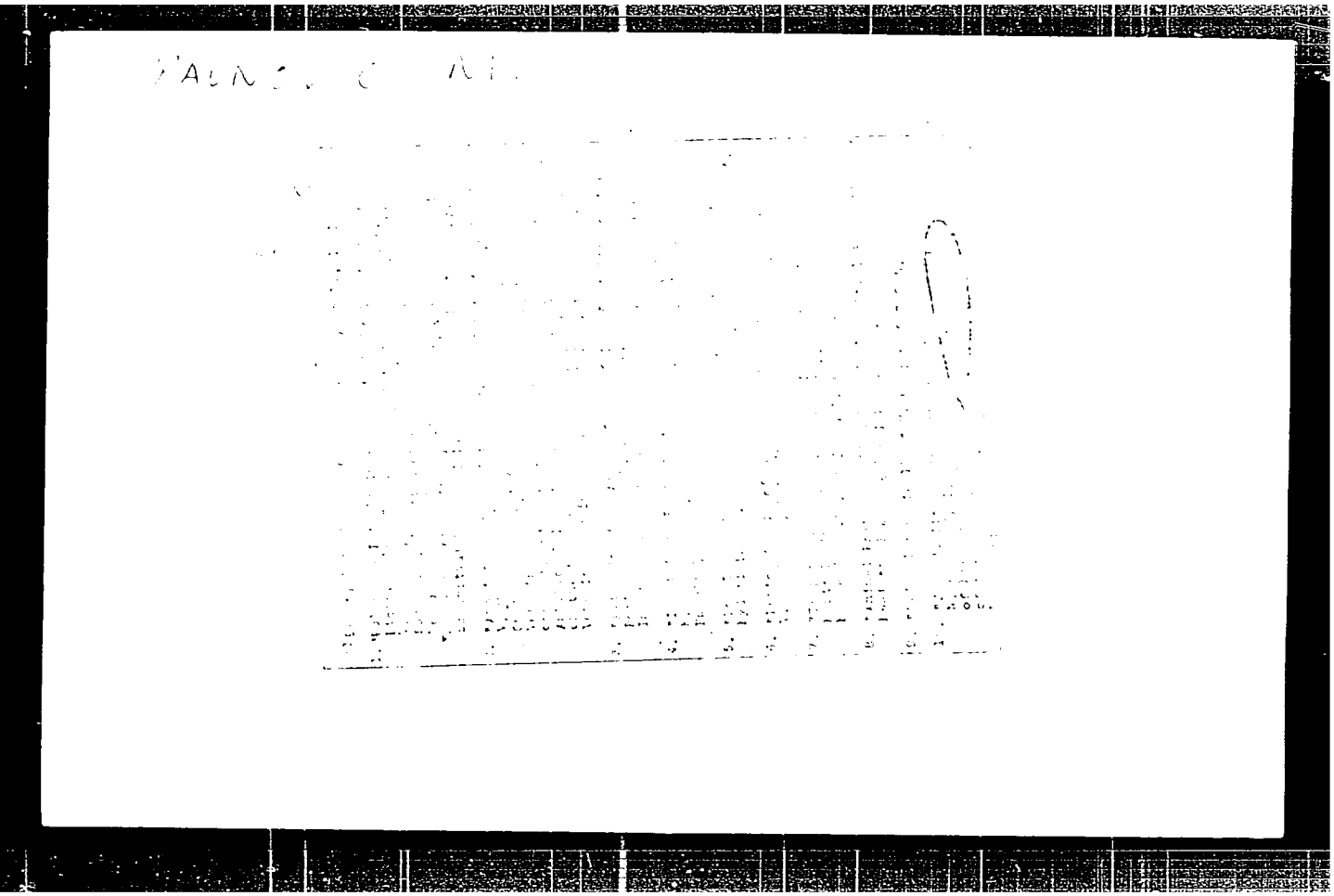
"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNOV, Roman, inzh.

Mechanical testing of steel. Stroitelstvo 10 no.4:15-17 Jl-Ag '63.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4



APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNOVIC, M.M.

Growth and decay of activation overpotential for systems which proceed by two different successive transfer electrode reactions. Croat chem acta 36 no.1:1-7 '64.

1. John Harrison Laboratory of Chemistry, University of Pennsylvania, Philadelphia, Pennsylvania, U.S.A. On leave from the Faculty of Technology, University of Belgrade, Belgrade, Serbia, Yugoslavia.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNOVIC, M.M.

The electrode kinetics of the deposition and dissolution of Me/Me^{2+} electrodes. Croat chem acta 35 no.1:1-6 '63.

1. Faculty of Technology, University of Belgrade, Serbia, Yugoslavia. Present address: John Harrison Laboratory of Chemistry, University of Pennsylvania, Philadelphia 4, Pa., U.S.A.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNOVIC, N.

New considerable increase of railroad transport is [illegible] for 1964. Medun transp [illegible] no.8:536-537 Ag '63.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAU[illegible], [illegible].

Factors influencing the management of railroads, p. 26

ZELEZNICE (Zeleznicki institut (DJZ) Beograd, Yugoslavia.
Vol. 19, No. 5, May 1959

Monthly list of East European Accessions EEAI 10, Vol. [illegible], no. 6, June 1960
Uncla.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNOVIC, Nikodije

Factors causing the setup of a business-wise policy in transportation. Pt. 2. Medun transp 9 no.1:14-19 Ja '63.

1. Clan Redakcionog odbora, "Medunarodni transport."

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

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PAUNOVIC, Nikodije

Engagement of all transport capacity in the traffic of goods. Medun transp 9 no.9:577-579 S '63.

1. Clan Redakcionog odbora, "Medunarodni transport".

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAVNCVIC, V.

TECHNOLOGY

PAVNCVIC, V. Analysis of the development of road transporation and the problem of coordinating transportation. p. [illegible]

Vol. 15, no. 1, Jan. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. [illegible]
March 1959 Unclass

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

NIKOLIC, B.; NIKOLIC, V.; PAVLOVIC-KENTERA, V.; LAPCEVIC, E.; PAVLOVIC, O.; PAUNOVIC, S.; CIRIC, O.; KNEZEVIC, N.; MIHAILOVIC, M.

Experimental intoxication of dogs with venoms from Vipera berus and Vipera ammodites. II. Biochemical blood changes. Vojnosanit. pregl. 20 no.1/2:7-13 Ja-F '63.

1. Veterinarski fakultet u Beogradu, Fizioloski institut i Interna klinika, Institut za medicinska istrazivanja u Beogradu.

(VENOMS) (ERYTHROCYTE COUNT) (BLOOD VOLUME)
(BLOOD COAGULATION) (BLOOD PLATELETS)
(CAPILLARIES) (PROTHROMBIN TIME)
(BLOOD CHEMICAL ANALYSIS)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

ARSIC, Bogoljub, sanitetski potpukovnik, dr.; BIRTASEVIC, Bozidar, sanitetski major, dr.; PETKOVIC, Branko, sanitetski potpukovnik, dr.; BIOCINA, Josip, sanitetski potpukovnik, dr.; PAUNOVIC, Stanisa, sanitetski kapetan, dr.

Experimental studies on the prevention of rheumatic fever in the garrison N. 1. Results of rheumatic fever prevention. Vojnosanit. pregl. 19 no.3 189-19 Mr '62.

1. Vojnomedicinska akademija u Beogradu, Epidemioloski institut.
RHEUMATIC FEVER.

5

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PETKOVIC, Branko, sanitetski potpukovnik, dr.; ZIROJEVIC, Josip, visi medicinski laborant; BOGDANOV, Iea, sanitetski potpukovnik, doc., dr.; ARSIC, Bogoljub, sanitetski potpukovnik, dr.; BIRTASEVIC, Bozidar, sanitetski major, dr.; PAUNOVIC, Sinisa, sanitetski major, dr.

Experimental work on the prevention of rheumatic fever in garrison N. III. Dynamics of streptococcal infections. Vojnosanit. pregl. 20 no.7:407-414 Jl '63.

1. Higijenski institut medicinskog centra, Split, Vojnomedicinska akademija u Beogradu. Higijenski zavod, Higijensko-epidemioloski odred, Sarajevo.

(RHEUMATIC FEVER) (STATISTICS)
(PREVENTIVE MEDICINE)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

BIRTASEVIC, Bozidar, sanitetski major dr; PAUNOVIC, Sinisa, sanitetski kapetan dr; ARSIC, Bogoljub, sanitetski potpukovnik dr; PETKOVIC, Branko, sanitetski potpukovnik dr; ZIROJEVIC, Josip, medicinski laborant

Experimental study in rheumatic fever prevention in garrison N. II. Clinico-epidemiological aspects of pharyngitis. Vojnosanit. pregl. 19 no.9:591-595 S '62.

(RHEUMATIC FEVER) (MILITARY PERSONNEL) (PHARYNGITIS)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUPEROVA, G.F.; AYRAPET'YANTS, E.Sh., zavedayushchiy.

Formation of a secondary exteroceptive conditioned reflex on the basis of a primary interoceptive one. Vop.fiziol.int. no.1:437-442 '52. (MLRa 6:8)

1. Laboratoriya vysshey nervnoy deyatel'nosti Leningradskogo Gosudarstvennogo ordena Lenina universiteta im. A.A.Zhdanova. (Conditioned response)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAULY, J.

Nothing special just average soldiers.

P. 2[illegible]. (LIDOVE VOJSKY V [illegible].) (Prana, Czechoslovakia) Vol. 7, No. 2, Jan. 1[illegible]

SO: Monthly Index of East European Acce[illegible] (EEAI) [illegible] Vol. 7, No. [illegible], [illegible]

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAULUS, [illegible]

[illegible]

[illegible]

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAULY, E.

Hydromechanical sorting machine for cleaning and granulating building gravel and slag. p. 134, Vol. 10, no. 5, May 1955, MATERIALY BUDOWLANE

SO:MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), Vol. 4, No. 9, LC, Sept. 1955, Uncl.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAULUS, E.

"Starting a Back-Pressure Turbine with a Bent Shaft at Variable Temperatures." p. 240, Praha, Vol. 4, no. 5, May 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PA[illegible], [illegible].

"Planning and designing problems in dwelling construction."

[illegible], Praha, [illegible] Slovakia, Vol. [illegible], No. 10, October 1[illegible].

Monthly List of East European Accessions (EEAI), [illegible], Vol. [illegible], No. [illegible], September 1[illegible].

Unclassified.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

(recalled formerly, 1946, 2, 191). In [illegible] in a [illegible] in Emery colliery, Clancy co., [illegible] French Central main which [illegible] partly worked [illegible] and are still either unwaldering [illegible] compaction, [illegible] has been applied. This [illegible] that a slurry is formed which on drying contracts only very [illegible] and contracts deeply into the smaller cracks.

METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

BC.

H 3

Microchemical identification of coniine and nicotine. B. Fragner and W. Paulus (Mikrochem., 1938, 27, 358—360).—Coniine vapour is allowed to react with picrolonic acid solution on a slide in a special apparatus. The picrolonate is characterised by micro-m.p. Sublimation of coniine hydrochloride and determination of the m.p. is less sensitive. Nicotine can be similarly identified as picrate. R. S.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

BA

C
3

1880. **Barbiturate detection in forensic practice.** W. Paulus (*Mikrochem. mikrochim. Acta*, 1951, 38, 1[66]—[73]).—Convincing proof of barbiturate poisoning requires separate qual. and quant. examination of stomach contents, brain, muscular system, skin, and urine. The most reliable qual. indications are given by the physical constants, *e.g.* the sublimation temp., micro-m.p., and eutectic temp. Colour reactions have less significance. Complex formation with Cu or Fe is valuable, particularly for identifying veronal, luminal, and Phanodorm, especially in mixtures.

O. D. SALTMARSH.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAULYUCHENKA, M.M.; AKULOVICH, V.M.

Determining potassium, magnesium, and calcium in mineral salts by means of spectrum analysis. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.2:109-114 '57. (MIRA 11:1)

(Potassium--Spectra)
(Magnesium--Spectra)
(Calcium--Spectra)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAULYUCHENKA, M.M.; TARGONSKAYA, T.I.

Surface sulfuration and nitriding of steel and cast iron. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.4:91-98 '56. (MIRA 10:6)
(Steel--Hardening) (Cast iron--Hardening)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAULYUCHENKA, M.M.; AKULOVICH, V.M.

Kinetics of the oxidation of calcium abietate. Vestsi AN BSSR Ser.fiz.-tekh.nav.no.1:77-86 '56. (MLRA 9:10)
(Abietic acid) (Calcium organic compounds)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAULYUKEVICH, B.L.; BADZYAKA, M.N.; LOYKA, Yu.M.

Structure of metals subjected to induction annealing. Vestsi AN BSSR. Ser. fiz.-tekhn. nav. no.2:47-57 '57. (MIRA 11:1)
(Iron--Heat treatment) (Induction heating)
(Steel--Heat treatment)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

ZAMFIR,C.; GURAU,C.; TURCU,E.; TEODORESCU,C.; PAUN,C.

Considerations on 2 cases of right-sided aortic arch. Probl. card. 4:111-125 '59.
(AORTA, abnormalities)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

ZAMFIR,C.,dr.; GURARU,C.,dr.; PAUN,C.,dr.; TURCU,E.,dr.

Clinical contributions to the study of the middle lobe syndrome.
Med. int.,Bucur. 11 no.11:1643-1653 N '59.

1. Lucrare efectuata in Sectia I bolá interne si Serviciul radiologic din Spitalul militar central, Bucuresti.
(ATELECTASIS)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

CONSTANTINESCU, C.; PAUN, Florica; MARES, Viorica; in coloborare cu DRAGANESCU, N.

Infantile encephalo-pneumonitis caused by a large-sized viral agent. Stud. cercet. inframicrobiol. 12 no.3:389-394 '61.
(PNEUMONIA virology) (MENINGOENCEPHALITIS virology)
(MIYAGAWANELLA)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

DRAGANESCU,St.,assist.prof.; COMAN,V.Petrescu,assist.prof.; PAUN, Florica; DRAGANESCU,N.; PETRESCU,A.

Clinical and electroencephalographic patterns and diagnosis in influenza encephalitis of the suckling and infant. Rumanian M. Rev. 3 no.4:33-35 O-D '59.
(INFLUENZA, complications)
(ENCEPHALITIS, in inf. & childh.)
(ELECTROENCEPHALOGRAPHY)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

EXCERPTA MEDICA Sec 7 Vol 10/10 Pediatrics Oct 56

2275. PĂUN I., MICHEL G. and GENESCU V. • Considerații asupra cazurilor de meningita tuberculoasă internate în Spitalul Unificat de Copii din Craiova. Considerations concerning cases of tb meningitis, treated at the United Children's Hospital at Craiova PEDIATRIA (Bucarest) 1956, 5/1 (43-53) Tables 6

Out of 183 patients treated, 18% were cured by a combination of streptomycin and PAS and 53% by one of streptomycin and isoniazid.

(XX, 7, 8, 15)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

VOICULESCU, M., prof.; ZAMFIRESCU, I.; CARUNTU, Veronica; ASTODOR, N.; VALERIU, A.; RADULESCU, M.; DEDIU, St.; BOCIRNEA, C.; DUMINICA, A.; PAUN, L.; RADVAN-GEORGESCU, A.; VLAD, R.

Treatment and prophylaxis of hepatic coma in the course of epidemic hepatitis. Rumanian M Rev. no.4:29-31 O-D '60.
(HEPATITIS, INFECTIOUS complications) (HEPATIC COMA therapy)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

VOICULESCU, M., Prof.; LUPASCU, Gh.; ADLERSBERG, R.; PAUN, I.; BENEDICT, I.

Use of corticosteroid preparations in therapy of tuberculous meningitis. Med. int., Bucur. 10 no.5:701-710 May 58.

1. Lucrare efectuata in Clinica de boli contagioase I.M.F. si Spitalul de contagiosi I.M.F. si Spitalul de contagiosi "Colentina" Bucuresti.
(TUBERCULOSIS, MENINGEAL, therapy
adrenal cortex hormones with isoniazid, PAS & streptomycin)
(ADRENAL CORTEX HORMONES ther. use
tuberc., meningeal, with isoniazid, PAS & streptomycin)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine, Vol XI, No 9, 1961, pp 1067-1070.

Data: "A New Plant Species in Our Country's Flora: Asperula azurea Jaub. et sp."

Authors:

BUIA, Al.
PAUN, M.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUN, N.

"Assuring cadres for Yugoslav railroads."

p. 45 (Zeleznice) Vol. 14, no. 1, Jan. 1958
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

ZAIN, N.

ZAIN, N. New pay system for personnel in railway transportation enterprises. p. 351.

Vol. 111 No. 10, Oct. 195[illegible]
ZELEZNICE
TECHNOLOGY
Beograd, Yugoslavia

So: East European Accessions, Vol. , Dec 195[illegible]

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

LUPU, N.Gh., acad.; PAUN, R, dr.; POPESCU, Gr.I., dr.; MARCUS, N., dr.

Clinical observations on some severe complications of penicillin therapy. Med. intern., Bucur 12 no.12:1780-1787 D '60.
(PENICILLIN toxicology) (ALLERGY case reports)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

LUPU, N.Gh., acad.; PAUN, [illegible], dr.; POPESCU, I.Gr., dr.; MARCUS, M., dr.

Incidents and complications in anti-infectious chemotherapy. Med. inter., Bucur 13 no.6:803-825 Je '61.

1. Institutul de medicina interna al Academiei R.P.R. si M.S.P.S.
(INFECTION therapy) (ANTIBIOTICS toxicology)
(SULFONAMIDES toxicology) (ALLERGY)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUN, R.; PAPAZIAN, R.

Study of vascular reactivity in ulcerous disease. Probl. ter., Bucur. 5:33-43 1957.

1. Comunicare prezentata la Institutul de terapeutica al Academiei R. P. R. in sedinta din 13 Februarie 1956.

(PEPTIC ULCER, physiology
vascular reactivity to mechanical & pharmacodynamic stimulation)
(BLOOD VESSELS, physiology
vascular reactivity in peptic ulcer patients)
(AUTONOMIC NERVOUS SYSTEM, in various diseases
peptic ulcer; vasculo-cutaneous tests)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUN, R., Dr.; ENESCU, Viorica, dr.; GOCIU, M., dr.

Hepatic xanthoma tuberosum; contributions to its pathogenesis. Med. int., Bucur. 9 no.2:301-307 Feb 57.

1. Clinica I-a medicala I.M.F. a Spitalului "Colentina."
(XANTHOMA, case reports
tuberosum, with hepato-splenomegaly & cancer of extrahepatic biliary tract)
(BILIARY TRACT, neoplasms
extrahepatic, with xanthoma tuberosum & hepato-splenomegaly)
(SPLENOMEGALY, case reports
hepato-splenomegaly, with xanthoma tuberosum & cancer of extrahepatic biliary tract)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

5263. PORTAL ENCEPHALOPATHY - Die portale Enzephalopathie - Paun R. and Gheorghiu T. I Med. Klin., Bukarest - PSYCHIAT. NEUROL. MED. PSYCHOL. 1958, 10/7 (199-206) Illus. 2

Three personal cases of reversible comatose episodes are reported. They appeared in cirrhosis with predominantly sclerotic-vascular changes and were caused by an excessive supply of ammonia to the brain. The term 'Sherlock's portal encephalopathy' is preferred for this peculiar picture. The patients were fairly young persons with hepatotropic noxious influences in their past histories and suffering from various kinds of cirrhosis. Symptoms were rapidly progressive somnolence, tremor, plastic rigor, delirium (in one case catatonic state), or periods with psychomotor irritation etc., passing into coma, without haemorrhages and with an aromatic smell issuing from the mouth. These states last for 18 hr. to 12 days and may recur repeatedly. They should be differentiated from the genuine hepatic coma of yellow atrophy. They regress spontaneously or following administration of glutamic acid. Two physiological filters are insufficient: the liver, which is circum-

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

5263

vented, and the nervous system, which is insufficient for enzymatic neutralization. Other pathogenic factors may rest in the liver (parenchymal damage) and in cerebral changes accompanying chronic alcoholism with a low-protein diet, massive gastrointestinal haemorrhages, excessive supply of methionine, etc., all of which may lead to overcharging of the portal system with ammonium. Great physical exertion or massive paracenteses may also favour the development of this syndrome.

Anastasopoulos - Salonica (VIII, 6)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

LUPU, N.Gh., acad.; POPESCU, I.Gr., dr.; IOTA, C.G., dr.; PAUN, R., dr.; URSEA, N., dr.

Contribution to the study of a diagnostic provocation test in bronchial asthma. Med. intern. 14 no.6:649-652 Je '62.

1. Lucrare efectuata in Institutul de mecidina interna (director: acad. N. Gh. Lupu).

(ASTHMA)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

LUPU, N.C., acad.; PAUN, R.; POPESCU, I.Gr.; MARCUS, N.

Clinical observations on severe accidents following penicillin administration. Rumanian M Rev. no.3:24-26 '61.
(PENICILLIN toxicology) (ALLERGY case reports)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

MARCUS, N.; PAUN, R.; ZAMFIRESCU-GHEORGHIU, Marcela; URSEA, N.

Correlations between gastric secretion and uropepsinogen in chronic hepatitis. Stud. cercet. med. intern. 3 no.3:367-372 '62.
(HEPATITIS chemistry) (UROPEPSIN metabolism)
(GASTRIC JUICE chemistry) (ADRENAL CORTEX HORMONES pharmacology)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

LUPU, N.Gh.; PAUN, Radu

Clinical & experimental observations on the part played by gastric acidity in the determination of gastro-duodenal ulcer. Rumanian M. Rev. 1 no.2:27-30 Apr-June 57.

1. Member of the R.P.R Academy (for Lupu)
(STOMACH, physiol.
hydrochloric acid secretion in pathogen. of peptic ulcer)
(PEPTIC ULCER, etiol. & pathogen.
gastric hydrochloric acid)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

MARCUS, N.; PAUN, R.; URSEA, N.; POPESCU, T.; SUTEANU, St.

Investigation of gastric secretion in chronic hepatitis. Stud. cercet. med. intern. 2 no.3:395-399 '61.
(HEPATITIS physiology) (GASTRIC JUICE chemistry)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

LUPU, N. Gh., acad.; DINISCHIOTU, G. T.; PAUN, R.; POPESCU, I. Gr.; FOTESCU, L.; ZAMFIRESCU-GHEORGHIU, Marcela; OLARU, Cornelia; ICTA, C. G.; MOSCOVICI, B.; MOLNER, C.; URSEA, N.; LOWE, Judith; WEINER, S.; In colaborare cu AVACHIAN, A.; BICLESAN, I.; DUMITRESCU, I.

Investigations of allergy to ricin. Stud. cercet. med. intern. 2 no.5:639-652 '61.

(RICINUS toxicology) (ALLERGY etiology)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUN, R.; MARCUS, N.; GEORGESCU, Mircea

Gastric secretion and motility in liver cirrhosis. Stud. cercet. med. intern. 2 no.1:55-62 '61.
(LIVER CIRRHOSIS physiology) (STOMACH physiology
(GASTRIC JUICE)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUN, VASILE

TITLE : Romania

CATEGORY : Forestry. Forest cultures

AUK. JOUR. : Rumania, No. 2, [illegible]

AUTHOR : Constantinescu, A., [illegible]; Rostov, St., [illegible]; Strimbeci, F., [illegible]; Paun, Vasile.

TITLE : [illegible]

PUBLIC. PUB. : Rev. Pădurilor, 1957, 71, No.1., 772-776

ABSTRACT : [illegible] The critical dangerous of 1 - year old

CARD : 1/2

49

ABSTRACT : [illegible] was conducted on nursery surfaces. There was no reference as to the productivity of strips of two - and three-line nestings. [illegible] of the littleleaf elm in a year with normal precipitation in the steppe environment did not acquire standard dimensions for 1 year; fertilization with peat and P_2O_5 had no effect. -- A. Yara

CARD : 2/2

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAPP GZ, F.

The use of perturbation methods for quantum-chemical investigation of systems built up from identical units. In English. p. [illegible].
(ACTA PHYSICA. Vol. 6, no. [illegible], [illegible]. Budapest.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. [illegible], No. 6, June [illegible], Incl.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

CA

3

The absorption of light by isomeric derivatives of ben-
zylidene Árpád Kiss and R. Pauncz (*Acta Univ. Szeged.*, *Acta Chem. et Phys.* 2, 80-101(1956) English) Nineteen derivs. were investigated and their extinction curves given. The evaluation of the possible structures of the ground and of the excitated states permits the explanation of observed structure differences of extinction curves of benzylidene derivs. The phenyl nucleus bound to the C and to the N atom of the azomethine group behaves differently with regard to its mesomerism. A first band appears at the 2 and 4 hydroxy derivs. at the limit of visible region. Since this band is missing at the 2' and 4' derivs., the quinoimine structure is much less represented in the ground state than the quinone methine structure. The observed extinction curves prov. that the investigated benzylidene derivs. existed in the [illegible]

The free rotation of the radicals is generally restricted.
15 references. István Ponály

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

FAUNCZ, A.

Theoretical examination of the dibenzo-derivatives of perylene. In English.

p. 3. (ACTA UNIVERSITATIS SZEGEDIENSIS) Vol. 2, no. 1/4, 1956
Szeged, Hungary

So: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNCZ, R.; WILHELM, I.

Theoretical examination of condensed aromatic compounds. II. Terylene, quaterylene, and teranthene. In English.

P. 63, (Acta Chimica, Vol. 11, no. 1/2, 1957, Budapest, Hungary

SO: Monthly Index of East European Acessions (EEAI, Vol. 7, No. 11 November 195

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNCZ, R.; BERENCZ, F.

Diamagnetic anisotropy of condensed aromatic compounds. p. 175. (Magyar Kemiai Folyoirat, Budapest, Vol. 59, no. 6, June 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNCZ, R.

HUNG.

15. Theoretical examination of condensed aromatic compounds (In English). — R. Paincz, E. Ferenczi. (Acta Chimica Academiae Scientiarum Hungaricae, Vol. 4, 1954 No. [illegible] pp. 331–344, 17 lit.)

In [illegible] changes in the molecule when a new benzene ring is added, to polynuclear aromatic hydrocarbon compounds have been investigated theoretically by the "molecular orbital" method. Bond order, bond length, free valence, maxima of absorption spectra and polarization of individual bands have been calculated. In connection with bond length it was found that a change takes place only in that part of the molecule next to which the new benzene ring has been added. As to the relative position of the first absorption maxima, theoretical results agree well with experimental data.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNCZ, R.

(3) Chem

Chemical Abst,
Vol. 48 No. 9
May 10, 1954
General and Physical Chemistry

Bond lengths of 1,12-benzoperylene. R. Paunez and F. Ferenczi (Univ. Szeged). *Acta Chim. Acad. Sci. Hung.* 3, 261-6(1953)(in English).—Bond lengths of 1,12-benzoperylene calcd. by a simplified version of the mol.-orbital method characteristics for the stationary current, the residual potential, and its drop after interruption of the current are calcd. and agree well with exptl. results. H. B. Sachse

9-2-5

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNCZ, R., BERENCZ, F.

"The Bond Lengths of 1,12-benzoperylene." In English. p. 261 (ACTA CHIMICA, Vol. 3, No. 3, 1953) Budapest, Hungary

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

K. PAUNCZ, F. BERENCZ

"The diamagnetic anisotropy of ovalene" p. 375 (ACTA CHIMICA ACADEMIAE SCIENTIARUM HUNGARICAE, Vol. 2, No. 4, 1952, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, incl.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

Pauncz, R.

3

539.132

5596. THE USE OF PERTURBATION METHODS FOR QUANTUM-CHEMICAL INVESTIGATIONS OF SYSTEMS BUILT UP FROM IDENTICAL UNITS. R. Pauncz.

Acta phys. Hungar., Vol. 9, No. 3-4, 395-421 (1957).

The paper deals with the investigation of molecules built up from n identical units using perturbation considerations. By means of considerations based on a simple variant of the molecular orbital method both in the case of energy values and in that of bond orders were separated into sums of products in which one factor contains quantities referring only to the basic unit, and the second depends on the data of the series. The second part of the paper deals with the calculations relating to the polyrylene series in order to illustrate the usefulness of the general method. The results of the calculations show that the method can be successfully applied and that by its means it becomes possible to investigate the dependence of the quantities characterizing the series on the strength of the bonds connecting the single units. — A.

Card : 1/1

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

HUNGARY/Optics - Spectroscopy K-7

Abs Jour : Ref Zhur - Fizika, No 11, 1958, No 26278

Author : Ferencz R., Wilhelm I.
Inst : University of Szeged, Hungary
Title : Theoretical Examination of Condensed Aromatic Compounds. II. Perylene, Quaterylene, and Terenthene.

Orig Pub : Arch. chim. Acad. sci. hung., 1957, 11, No 1-2, 63-71

Abstract : In the development of a preceding work, with the aid of one of the variants of the method of molecular orbits, the authors consider several representatives of two series of condensed compounds -- polyrylenes (I) and polyenthenes (II). A comparison is made of the skeleton schemes, of the lengths of the bonds, of the number of free valences, and of several features of the absorption spectra for the first four terms of the series (1) - naphthalene, perylene, terylene, and quaterylene; and of the first three terms of series (II) - anthracene, bizenthen, and terenthene. It is assumed that for a given series the length of the corresponding bonds change insignificantly, and

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APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAGNCZ, R.

Chem

Investigation of the two-dimensional homologous series of aromatic compounds. R. Pagncz (Univ. Szeged). *Acta Phys. Acad. Sci. Hung.* [illegible] (in English).—Heilbronner's method (*C.A.* 48, 9815*f*) for the evaluation of mol. orbital energy levels gives correct results for the polyacenes, but application to mols belonging to 2-dimensional homologous series gives results for a mol. of equiv. structure but with certain Coulomb integrals equal to $\alpha \pm \beta$ rather than 0. A perturbation method is developed to obtain approximations to the correct eigenvalues from the values given by Heilbronner's method. H. H. Jaffé

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

CA

Intensities in molecular spectra. R. Pauncz. [illegible] Chem. Phys. 2, 176-[illegible] (1954). The transition probability was calcd by the Slater-Pauling method for some org. syn. mols. e.g. Calla[illegible]. The evaluation was reduced to some basic integral equations with the result that no transition exists between the [illegible] homopolar states. István Finály

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNCZ, R.

HUNG.

539.132

6361. Investigation of a new quantum-mechanical method of approximation. R. PAUNCZ. *Acta phys.* [*Hungar.*] 4, No. 3, 237-5. (1)

Moffitt's quantum-chemical approximate method was investigated for the case of a simple model compound (H_2-molecule). The application of Moffitt's correction to a weaker approximate function gives good results; however, the use of a more correct approximate function which corresponds to the basic idea of the method, gives a much worse result. No decisive conclusion can be drawn regarding the method; the example, however, shows that the results obtained by the method must be regarded with some caution. On the basis of the calculations it was evident that the use of a more correct ionic function gives a much weaker result, thus it is not correct to interpret the ground state of the H_2 molecule as a superposition of homopolar and ionic states. A.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239510015-4

PAUNCZ, R.

2

Use of perturbation methods for quantum-chemical investigations of systems built up from identical units. R. Paincz (Univ. Szeged). *Acta phys. Acad. Sci. Hung.* 6, 399-421(1957)(in English).—The perturbation method based on a simple variant of the mol.-orbital method is applied to the calcn. of energy values and bond orders of mols. built up from n identical units. The results can be expressed as sums of products in which one factor contains quantities referring to the basic unit only, whereas the 2nd depends on the data of the series. The method is illustrated by calcns. of the polyrylene series (perylene, terylene, and quaterylene). It becomes possible to investigate the dependence of the quantities characterizing the series on the strength of the bonds connecting the single units.

E. M. Loebl.

MT

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EXCERPTA MEDICA Sec. 6 Vol. 11/11 Nov. 57

PAUNESCU-PODEANU A.

6942. PAUNESCU-PODEANU A. and BALTACEANU O. *Sterile reumo-purpurice. Rheumatopurpuric conditions PROBL. REUMATOL. 1956, 4:73-6. In view of the frequency of the combination of rheumatism and purpura, it is considered necessary for an effective treatment to establish the diagnosis of the aetiopathogenic variety: Mathieu-Schönlein's essential rheumatoid purpura, non-specific infectious rheumatism with purpura or toxi-infectious purpura with rheumatic syndrome, rheumatic disease with non-specific, accidental, coincident, 'unexpected' purpura. In case of uncertainty, one should always try salicylic treatment.

Grauer - Bucharest (VII, 6)

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(RHEUMATIC HEART DISEASE, complications)

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(RHEUMATISM, etiol. & pathogen.
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