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MAJOWSKI, Jerzy

Value of naso-pharyngeal electrodes in EEG studies. Neurologia  
etc. polska 11 no.2:199-206 Mr-Apr '61.

1. Z Kliniki Neurologicznej A.M. w Warszawie Kierownik: prof. dr  
med. I. Hausmanowa-Petrusewicz.

(ELECTROENCEPHALOGRAPHY)

MAJKOWSKI, Jerzy; MANDYBUR, Tadeusz

Dynamics of EEG changes in transplanted brain tumors in rats.  
(Preliminary communication). Neurol. etc., polska li no.4:432-444  
'61.

1. Z Kliniki Neurologicznej AM w Warszawie Kierownik: prof. dr I  
Hausmanowa-Petrusewicz; z Zakładu Neuropatologii PAN Kierownik:  
prof. dr A Kunicki; z Zakładu Biologii Nowotworów Instytutu Onkologii  
w Warszawie im. Marii Curie-Skłodowskiej Dyrektor: prof. J. Laskowski  
Kierownik Zakładu: prof. dr K. Dux.  
(ELECTROENCEPHALOGRAPHY) (NEOPLASMS exper)  
(BRAIN NEOPLASMS exper)

PILIPOWSKA, T.; MAJKOWSKI, J.

Value of EEG studies in vascular disorders of the brain. Neurologia  
etc. polska 11 no.5:613-620 '61.

1. Z Kliniki Neurologicznej AM w Warszawie Kierownik: prof. dr  
I. Hausmanowa-Petrusewicz.  
(CEREBROVASCULAR DISEASES diag) (ELECTROENCEPHALOGRAPHY)

MAJKOWSKI, Jerzy

Effect of the destroying of auditory pathways in cats on the process of learning responses to acoustic stimuli. Rozpr. wydz. nauk. med. 9 no.2:59-106 '64.

1. Z Kliniki Neurologicznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. Irena Hausmanowa-Petrudrwick).
2. Adiunkt Kliniki Neurologicznej Akademii Medycznej w Warszawie (for Majkowski).

MAJKOWSKI, Jerzy; SKIBINSKI, Karol; KOWALCZEWSKA, Janina

Evaluation of Librium in psychogenic arthritis. Pol. arch.  
med. wewnet. 34 no.3:289-298 '64

1. Z Kliniki Neurologicznej AM w Warszawie (kierownik: prof.  
dr.med. I. Haumanowa-Petrusewicz) i z Instytutu Reumatolo-  
gicznego w Warszawie (b. Dyrektor: prof. dr. med. E. Reicher).

\*

MAJKOWSKI, Jerzy

Effect of denervation of the carotid sinus on the EEG picture in bronchial asthma. Neurol., neurochir., psychiat. Pol. 15 no.1:85-91 Ja-F'65.

1. Z Kliniki Neurologicznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. I. Hausmanowa-Petrusewicz).

MAJKOWSKI, Jerzy

Pathophysiology of temporal lobe epilepsy in the light of  
bioelectrical studies of the brain. Neurol. neurochir.  
psychiat. Pol. 15 no.3:377-384 My-Je '65.

1. Z Kliniki Neurologicznej AM w Warszawie (Kierownik: prof.  
dr. med. I. Hausmanowa-Petrusewicz).

MACKOWSKI, Jerzy; WASHIBASHI, Ryszard

Localization and type of EEG changes in temporal lobe epilepsy.  
Neurol. neurochir. psychiat. Pol. 15 no.3:395-400 My-Je '66.

The role of EEG examinations in differentiating temporal lobe  
seizures of the "absence" and "petit mal" type. Ibid.:391-407

I. II Kliniki Neurologicznej AM w Warszawie (Kierownik: prof.  
dr. med. I. Hausmanowa-Petrusewicz).



MAJKOWSKI, Jerzy; WASILEWSKI, Ryszard

Electroencephalographic investigations of epileptic cases treated with misodine. (Preliminary report). *Neurol. neurochir. psychiat. Pol.* 15 no.3:439-445 My-Je '65.

1. Z Kliniki Neurologicznej AM w Warszawie (Kierownik: prof. dr. med. I. Hausmanowa-Petrusewicz).

MAJKOWSKI, Jerzy; BITTNER-MANICKA, Maria; MROZEK, Konstanty

The value of misonidazole in epilepsy. Preliminary report.  
Neurol. neurochir. psychiat. vol. 15 no.3:447-452  
My-Je '65.

1. Z Kliniki Neurologicznej AM w Warszawie (Kierownik:  
prof. dr. med. I. Hausmanowa-Petrusewicz).

MAJKOWSKI, Jerzy

Tegretol - new antiepileptic drug. Neurol. neurochir. psychiat.  
Pol. 15 no.3:457-461 My-Je '65.

1. Z Kliniki Neurologicznej AM w Warszawie (Kierownik: prof. dr.  
med. I. Hausmanowa-Petrusewicz).

MAJKOWSKI, Kazimierz

Studies on the morphologic features and physiological properties as well as the utilization value of Polish populations of villous vetch (*Vicia villosa* Roth).  
Pt. 1. Rocznik nauki roln. 88 no. 3:661-681 '64.

MAJKOWSKI, Kazimierz

Villous vetch (*Vicia villosa* Roth) as seen in the light of more important recent research. Postepy nauk roln 9 no.5:93-108 3-0 '62.

MAJKOWSKI, Marcell (adres autorow: Stalingrod, Szpital Miejski)

Case of splenic cyst. Ginekol pol 25 no.2:219-225 Ap-Je '54.  
(REAL 3:8)

1. Z II Oddzialu Chirurgicznego Szpitala Miejskiego Nr 1 w  
Stalinogrodzie. (Praca wplynela do redakcji dnia 9. X. 1952)  
(CYSTS, (SPLEEN, cysts,  
"spleen, surg.) \*surg.)

MAJKOWSKI, MARCELI

MAJKOWSKI, Marcell; Bernadzikowski, Wladyslaw (Adres autorow: Stalinograd,  
~~Szpital Miejski~~, ul. Markiewki 87)

Case of splenic cyst. Polski przegl. chir. 26 no.3:219-225 Mr '54.

1. Z II Oddzialu Chirurgicznego Szpitala Miejskiego Nr 1 w Stalino-  
gradzie. (Praca wplynela do redakcji dnia 9.X.1952)

(CYSTS,

\*spleen, surg. in child)

(SPLEEN, cysts,

\*surg. in child)

MAJKUS, G.

"Economy and Productivity of Grinding." p. 349, Praha, Vol. 4, no. 5, May 1954.

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



MAJLUS, U.

"Increasing peripheral speed in grinding." Strojirenstvi, Praha, Vol. 4, No. 7, July 1954,  
p. 525.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

MAJKUS, J.

"Precision of the Form of the Abrasive Wheel." p. 819 (STROJIRENSTVI, Vol. 3, No. 11,  
Nov. 1953) Praha, Czechoslovakia

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

MAJKUS, J.

Burns and hair cracks caused by grinding. p. 757.  
STROJIRENSTVI, Prague, Vol. 4, no. 10, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,  
June 1956, Uncl.

L 32238-66 EWP(k)/EWP(h)/EWP(v)/EWP(i)

ACC NR: AP6020826

SOURCE CODE: CZ/0031/65/013/011/0754/0760

AUTHOR: Majkus, Jaroslav

54  
B

ORG: VUOSO, Prague

TITLE: Why machine tools controlled by digital computers?

SOURCE: Strojirenska vyroba, v. 13, no. 11, 1965, 754-760

TOPIC TAGS: digital computer, machine tool, automatic control

ABSTRACT: The article presents a brief survey of the development of the application of digital computers to control machine tools. The characteristics of such systems are briefly described, and a listing is given of machine tools of Czechoslovak manufacture of that type, with their parameters. Orig. art. has: 6 figures and 2 tables.  
[JPRS]

SUB CODE: 13, 09 / SUBM DATE: none

Card 1/1

UDC: 621.002.338.453: 621.002.338.454

EVCHODTA MEDICA Sec 11 Vol 12/2 1957. I. August 50  
1528. MASS OCCURRENCE OF EXTERNAL OTITIS DUE TO PSEUDOMONAS -  
Hromadný výskyt pseudomonadových zevních otitid - Majkus V. Otorhino-  
laryngol. Odděl. Vojenské Nemocn., Plzeň - BRATISL. LEK. LISTY 1958,  
38(II)/12(721-726) Graphs 1 Tables 1

In 18 (42.8%) of 46 inflammations of the external auditory canal treated at the ENT dept. of the military hospital in Plzeň in 1957, *Pseudomonas pyocyanea* was established as aetiological agent. All these cases occurred during a limited summer period. In 7 cases secondary contamination during hospitalization was demonstrated. The mode of transfer could not be elucidated even by a thorough bacteriological investigation. Transfer of the infection is presumed to occur during the treatment of patients. To increase resistance to the organism, intramuscular injections of procaine were applied, using the method suggested by Šaman, with success.

MAJKUS, V.; SUCHANKOVA, A.

Contribution to the role of resistant *Staphylococcus aureus* in acute otitis media. *Cesk. otolar.* 9 no.4:224-229 Ag '60.

1. Otolaryngologicke oddeleni Posadkove nemocnice v Plzni.  
(STAPHYLOCOCCAL INFECTIONS)  
(OTITIS MEDIA etiol.)

MAJKUS, V.; DURA, J.

Bacteriological, histological and endoscopic findings in chronic bronchitis. Cas. lek. cesk. 104 no.9:232-236 5 Mr'65.

1. Otolaryngologicke oddeleni vojenske nemocnice v Plzni (vedouci MUDr. J. Dominik) a Patologickoanatomicky ustav lekarske fakulty Karlovy University, Plzen (prednosta: prof. dr. V. Vanek, DrSc.).

MATKUSOVA, Marta

Documentation Service of the Central Intelligence Agency  
4900 Ca 195.



POLAND

SENZE, A. and MAJUKI, M., Chair of Obstetric and Reproduction Pathology, Institute of Zoology and Pathology, Veterinary Division (Weterynaryjna), 250 042 Sza  
Szkoła Policzna, Higher School of Agriculture in Wrocław  
(Director: Prof. Dr. Alfred SENZE)

"Studies on the Oestrogenic Properties of Bees' Milk,"  
Warsaw-Lublin, Medycyna Weterynaryjna, Vol. 15, No. 11, 1971,  
pp. 676-678.

Abstract: Article contains a brief review of the literature, the procedure and findings of the investigation, and a discussion of the inconclusive results on the oestrogenic effect of "bee's milk" on rabbits. The 12 references, six of which are English, four (1) German, and one (2) Polish.

MAJKUTH, Jeno, tudományos munkatárs

Newer achievements in testing seed drills and drill mechanisms. Jarmu mezo gep li no. 4:152-157 Ap '64.

1. Experimental Station of Agricultural Machinery.

MAJKUTH, Jeno

Seed dressers and grain separators. Mezogazd techn 1 no.8:12-13  
'61.

MAJLAT, Laszlong, tudomanyos munkatars

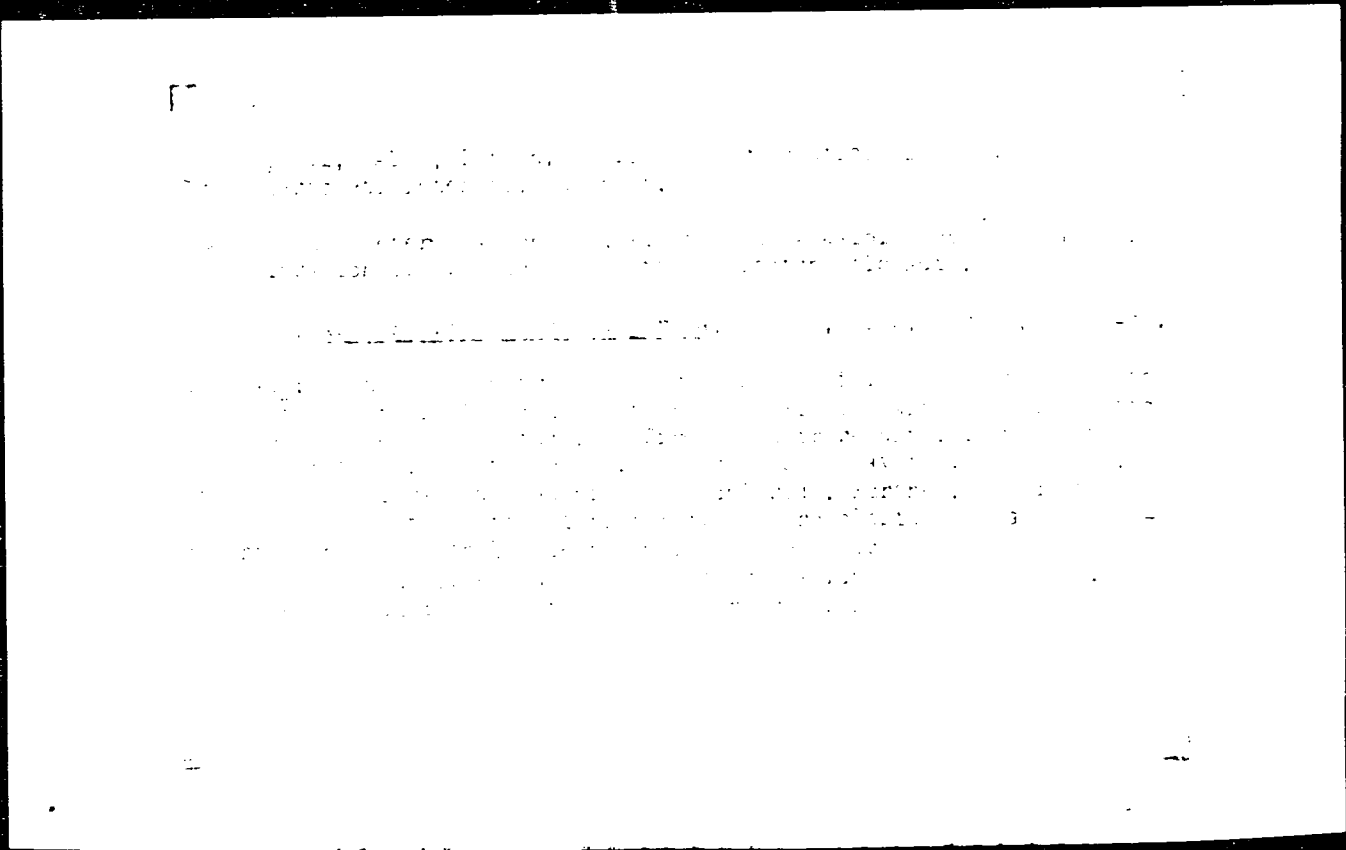
Some questions relating to the economy of research and technical development in the instruments industry. Meres automat 9 no.10:289-291 '61.

1. Merestichnikai Kozponti Kutato Laboratorium.

STRIKER, Gyorgy, dr.; MAJLAT, Laszlone

Organizational and economic aspects of instrumentation and automation. Meres automat 10 no.4:102-103 '62.

1. "Meres es Automatika" szerkeszto bizottsaganak tagja  
(for Striker).



MAJLATH, Gyorgy

"Requirement, reward, punishment" by [Mrs.] Foire Mester nee Boda and [Mrs.] Eva Mezei nee Erdelyi. Reviewed by Gyorgy Majlath. Magy pszichol szemle 17 no.3:364-366 '60.

MAJLATH, Gyorgy

On juvenile delinquency. Magyar pszichol szemle 17  
no.4:402-406 '60.

1. Budapesti Orvostudományi Egyetem I.sz. Gyermekklinika  
(Klinikai igazgató: Dr. Gegesi Kiss Pál akadémikus,  
egyetemi tanár), és a Budapesti Rendorfokapitanyság  
Fiatalok és Gyermekvédelmi Osztálya.



MAJLATH, Gyorgy

New "color-form" test; a preliminary communication.  
Magy pszichol szemle 20 no.2:232-241 '63.

1. Budapesti Orvostudományi Egyetem I. sz. Gyermekklinika  
(igazgató: Dr. Gegesi Kiss Pal akadémikus, egyetemi tanár).

UZAGS, "S. P. 1984, ...

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MAJLATH, Laszlo

Efficiency of the isotope quadrant scale instruments; excerpts  
from an article. *Műsz. Elet.* 17 no.17:15 16 Ag '62.

2

CZECHOSLOVAKIA

SZOKOLAY, A., Engineer; MAJLATHOVA, L., Promovana Physician

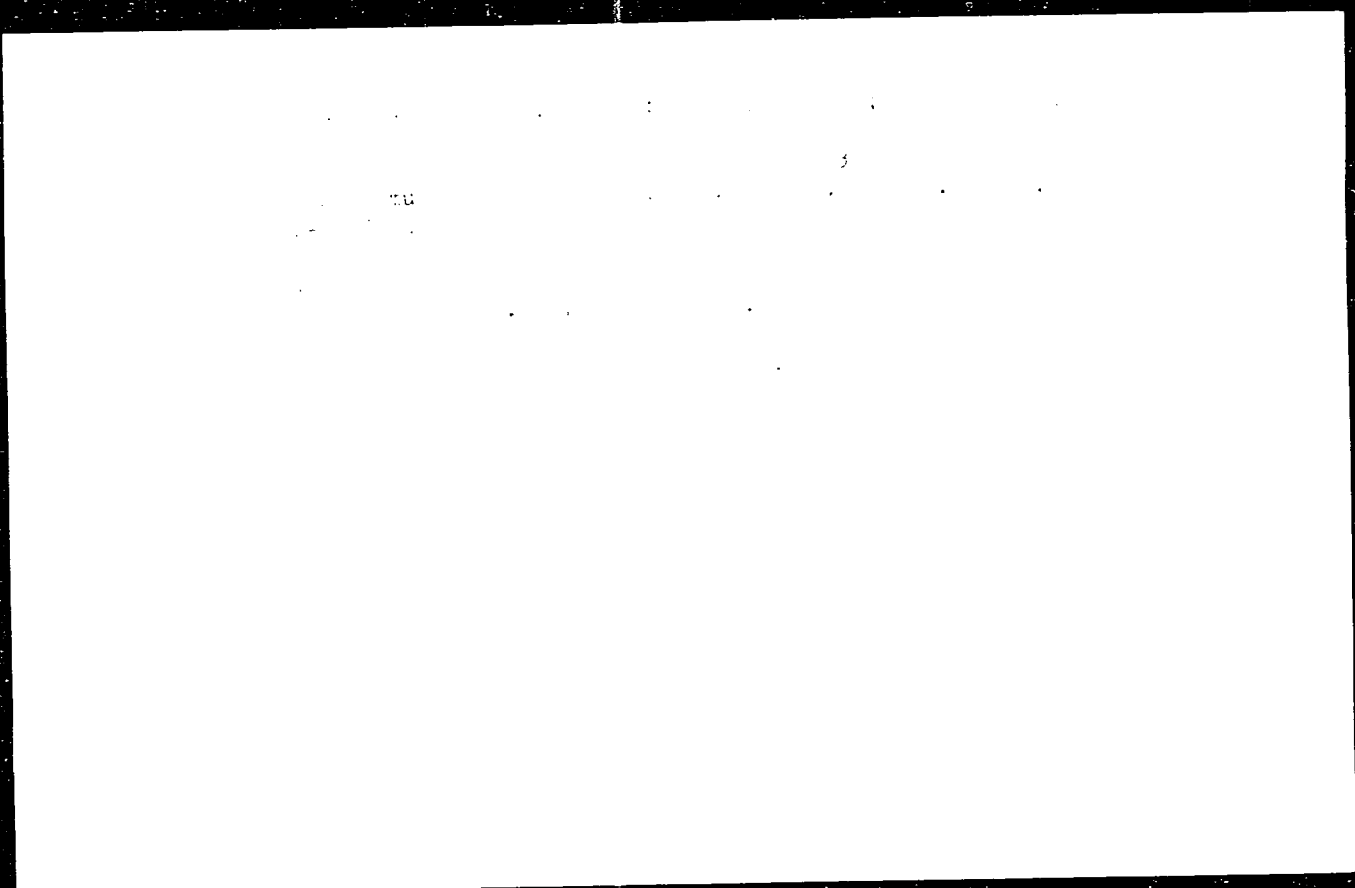
Oblast Institute of Hygiene (Oblastny ustav hygieny),  
Bratislava (for both)

Prague, Hygienicky listek, no 12, 1963, pp 459-463

"New Opinions on the Value of Foreign Matter in Food-  
stuffs from Food Hygiene."

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001031420002-8



APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001031420002-8"

MAJLERT, Z.; WOJNUSIAR, P.

Observations on the behavior of animals during the total eclipse of the sun on June 30, 1960. . . . 231.

SI: Monthly List of East European Acquisitions (MIAS) L, Vol. 1, no. 1, Jul 1960. Incl.

MAJLERT, Zofia; WOJTUSIAK, Roman J., prof. dr

Activity of *Perla nuda* Linné during the partial solar eclipse of  
October 2, 1959. *Prace zoologiczne* 1959-1960 52.

1. Institute of Animal Psychology and Biology, Jagiellonian University,  
Karkow. Head: prof. R.J. Wojtusiak.

Z:055:62/012.001 002.012  
1028/1228

AUTHOR: Majling, L.  
TITLE: Influence of pair forces on the giant resonance energy  
PERIODICAL: Chekhoslovatskiy fizicheskiy zhurnal, v 12, section B, 1962, 12-20

TEXT: The influence of various nucleon-nucleon forces on the giant resonance energy is investigated with the help of the sum rules. This method, proposed by Levinger and Bethe, is found to be best suited, since it is almost independent of the nuclear model. The value of the resonance energy is

✓C

$$E = \sigma_0 \sigma_{-1} \tag{1}$$

where

$$\sigma_0 = \frac{2\pi^2 e^2}{hc} \langle 0 | [ [X, H] X ] | 0 \rangle \tag{2}$$

$$\sigma_{-1} = \frac{4\pi^2 e^2}{hc} \langle 0 | X^2 | 0 \rangle \tag{3}$$

Here  $|0\rangle$  = the wave function of the ground state of the nucleus,  $X$  = the component of the nuclear dipole moment in the direction of polarization of the photon,  $H$  = the Hamiltonian of the nucleus. The expression  $[ [X, V] X ]$  is calculated for different potentials, and it is determined that only exchange forces contribute

Card 1 2



Influence of pair forces on..

Z:055,62,012 001 002 012

1028/1228

$\sigma_0$ . The value of this contribution for different nuclei is calculated, and a graph of its dependence on the number of protons and neutrons for light nuclei is plotted. It is seen from it that the contribution is higher for odd nuclei than for adjacent even ones. Lastly,  $\langle 0 | d_x^2 | 0 \rangle$  is calculated, and it is obtained that

$$E_{\text{res}} = h^2/m(1 + \Delta) b^{-2}. \quad (15)$$

1c

This formula is compared with De Sabbata's experimental data, and also with the Elliot-Flowers results for  $O^{16}$ , obtained by a detailed calculation of the states, taking into account the residual interaction. The agreement is found to be satisfactory in both cases. The author thanks A. M. Baldin and S. F. Semenko for their advice. There are 4 figures and 2 tables. The most important English-language references are Elliot, J. P., Flowers B. H., Proc. Roy. Soc. A 242 (1957), 57, Levinger, J. S., Bethe H., Phys. Rev. 78 (1950), 115, De Sabbata, V.: Suppl. Nuovo Cim. 11 (1959), 225

INSTITUTION Institut yadernykh issledovaniy ChCAN (Institute of Nuclear Studies ChCAS) Rzhesh

SUBMITTED May 6, 1961

Card 2:2

MAJLING, L.

"Structure of the atomic nucleus" by J. Kvasnica. Reviewed by  
L. Majling. Jaderna energie 6 no.6:189 Je '63.

EXCERPTA MEDICA Sec 8 Vol 12/9 Neurology Sept 59

4414. EXPERIMENTAL DEMYELINIZATION - Kísérletes demyelinisatio - Ma  
nar R. Orvostud. Egyet. I. sz. Kóronctani és Kísérleti Rákkutató Int. Közl.  
Budapest - IDEGGYOG. SZLE. 1958, 11/3 (87-88) Illus. 2

Small quantities of a mixture of mono- and disodium phosphate solutions were repeatedly injected intracisternally in dogs. A paralytic state developed. Marginal demyelination was found in the cervical segments of the spinal cord and in the medulla oblongata, pons, mesencephalon. This effect was probably due to the increased phosphate content and the raised hydrogen ion concentration of the spinal fluid.

Perémy - Budapest (VIII, 5)

MAJNAR, Rudolf, Dr.

Chronic cardiac decompensation with adrenocortical insufficiency.  
Orv. hetil. 99 no.11:386-389 16 Mar 58.

1. A Budapesti Orvostudományi Egyetem II Sz. Belklinikájának (igazgató:  
Haynal László dr. egyet. tanár) közleménye.

(CONGESTIVE HEART FAILURE, compl.

adrenocortical insuff., case report (Hun))

(ADRENAL CORTEX, dis.

insuff. with congestive heart failure, case report (Hun))

MAJNARIC, D.

T-2

YUUGOSLAVIA/Human and Animal Physiology - Metabolism.

Abs Jour : J. Biol. Chem., 237, 1962, 1404

Author : Jovianelli, N., Kostani, K., Kaiser-Herman, H., Klotzsch, A., Mironjak, K., Petrovacki, M., Majnaric, D., Uval, I.

Inst Title : -  
: Clinical and biochemical data concerning rickets.

Orig Pub : Acta med. Scand., 1962, 10, 1-2, 37-40

Abstract : Twenty children aged 4 months to 2 years and ill with rickets were placed under observation. The triple introduction into the muscle of 15 mg of calciferol (1) in all the children gave a positive result; however, the rate with which X-ray and clinical symptoms disappeared in different children varied significantly. A different therapeutic effect did not depend on the gravity of the clinical and biological symptoms. The content of Ca in the serum before the beginning of the treatment was 0.75 in more than half of the children; after the first

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- 4 -

Abs Jour : Ref Jour - Biol., No 1, 1951, 11.4

infection of  $\dot{I}$ , the content of calcium in the serum gradually increases, and then in the course of 2-3 weeks gradually falls. The content of inorganic phosphorus was low in almost all of the children (1.2-4 mg%) and during the introduction of  $\dot{I}$  slowly returned to normal. An expressed correlation between the rate of complete recovery and the normalization of the phosphorus content in the blood was observed in only part of the children. The activity of the alkaline phosphatase in the sick children in comparison with healthy ones was higher; under the influence of the treatment, the characteristic course of the curve of the activity of the enzyme was established - a rise, with a subsequent slow fall to a norm, over 1 month. Aninoaciduria which was observed in children ill with rickets decreased with the introduction of  $\dot{I}$ .

карт 2/2

MAJOR, A.

"The Technique of Determining the Amount of Waste in a Petroleum Refinery." p. 106  
"Using a Casing Head for a Cable Tool Drill Bit in Order to Protect Against Eruption of  
Crude Oil." p. 100 (NAFTA, Vol. 9, No. 4, Apr. 1953) Warszawa

SO: Monthly List of East European Acquisitions, Library of Congress, Vol. 2, No. 10,  
October 1953. Unclassified.

MAJORA

MAJORA, A. New systems of prefabrication of industrial  
hall structures. *Építész. Hung. Budapest* 8, 1/2, 3-23, 1954.  
The systems of prefabrication described in this paper are the re-  
sults of efforts to expedite the erection of halls, workshops, store-  
houses, and other industrial buildings of that type. Two systems  
of prefabrication are described here, one of them representing  
partial prefabrication with traveling, i.e., rolling scaffolding; the  
other, total prefabrication, developed on basis of the latter.  
From author's summary



MAJOR, A.

A new method of recording vibration in the foundation of turbogenerators and power houses. In English.

p. 295. (ACTA TECHNICA) Vol 18, no. 3/4, 1957  
Budapest, Hungary

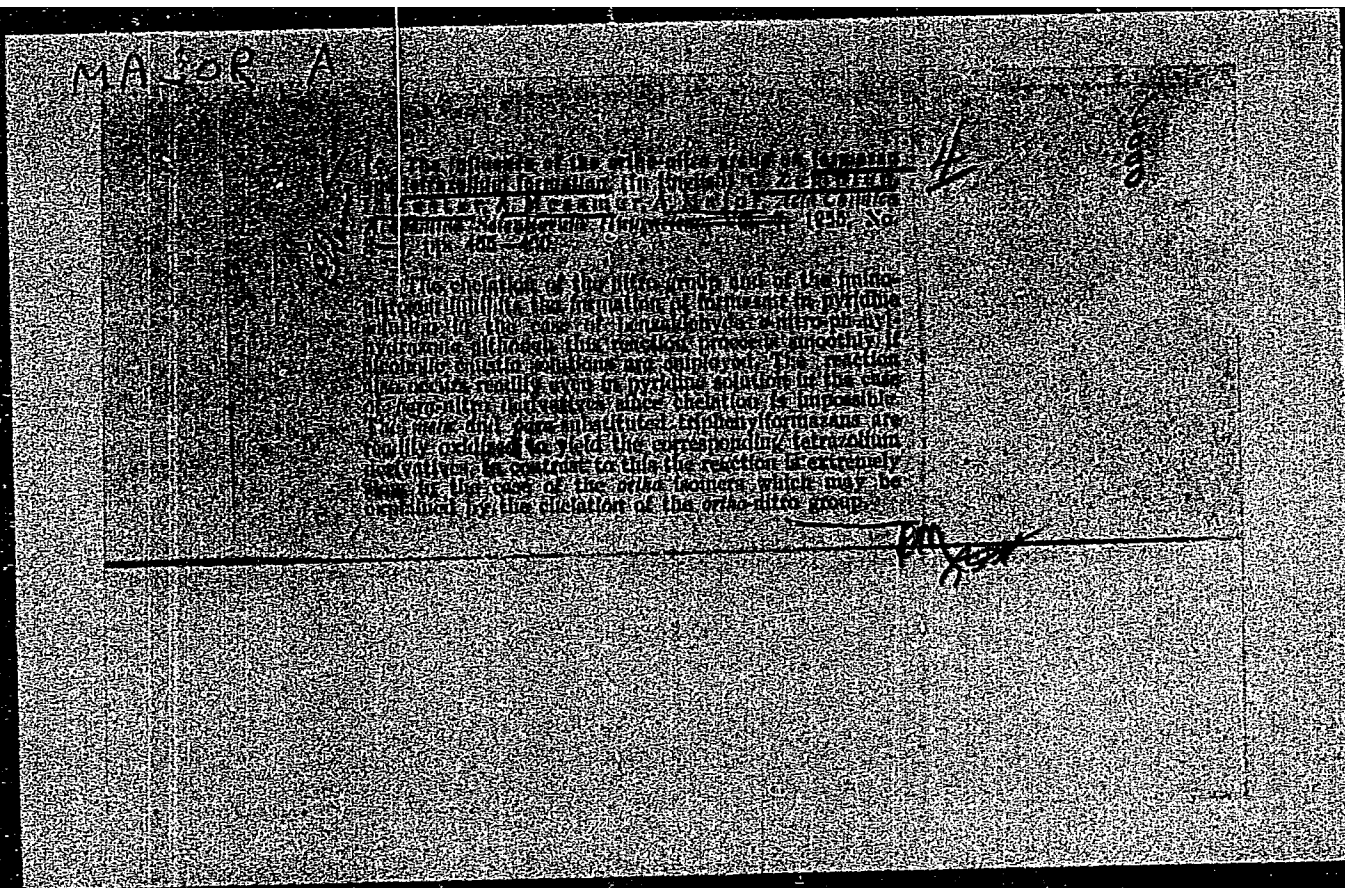
SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
1958



MAJOR, A.

Identification of aldoses in the form of formazans. p. 34  
MAGYAR TUDOMANYOS AKADEMIA vol. 7, no. 3/4, 1955  
Budapest, Hungary

SOURCE: REAL, Vol 4, no. 3, July 1956



MAJOR, A.

Proof of the structure of "α-glucosamine formazan" (1-phenyl-α-glucosamine) by synthesis. E. Meister and A. Major (Tech. Univ., Budapest). *J. Chem. Soc.* (1956) 2027. *C.A.B.* 30, 6006. 1-Phenyl-α-glucosamine (I), previously prepd. by coupling α-glucosamine with PhNCl<sub>2</sub> (II), has now been made by an alternate route. α-Glucosamine-1-phenylhydrazide was condensed with II to give 1-phenyl-α-glucosamine-1-phenylhydrazide (III), red needles, m. 161°. III was warmed with a mixt. of PhNHMe<sub>2</sub> and AcOH. After 4.5 hrs. the product I was crystal. as violet needles, m. and mixed m. p. 187.8°. The new synthesis confirmed the previously proposed structure. J. W. II.

MAJOK/A

Identification of aldoses in the form of isomerase via  
 their phenylhydrazones. *J. Am. Chem. Soc.* 78, 1956 (1956).  
 Aldoses were identified by the use of the formation reagent  
 PhNH<sub>2</sub> (0.2 g) in 25 cc. concn. HCl and 25 cc. H<sub>2</sub>O diluted  
 at 0.5° with 7.5 g. NaNO<sub>2</sub> in 15 cc. H<sub>2</sub>O and dil.  
 with H<sub>2</sub>O to 93 cc. gave the reagent. The appropriate  
 aldose (0.45 g.) and 0.45 g. PhNHNH<sub>2</sub> in 2.0 cc. H<sub>2</sub>O (or  
 2.5 cc. 50% EtOH, or 2.5 cc. pyridine) allowed to stand at  
 20 ± 2°, 2.5 cc. pyridine added after the desired period of  
 time to the mix. and up. the soln. and 7.5 cc. 50% EtOH  
 or the pyridine soln. the mixt. refrigerated, treated drop-  
 wise with the reagent soln. from 0.24 g. PhNH<sub>2</sub> allowed to  
 stand 10 min., poured into 5 vols. ice water, refrigerated  
 overnight, and the bright red, mostly crys. deposit filtered  
 and dried in air at room temp. yielded the corresponding  
 formose (I). In this manner were prepd. the I from  
 the following aldoses (% yields after 3, 24, and 48 hrs. in  
 H<sub>2</sub>O; 50% EtOH, and pyridine given): D-galactose, 20.5,  
 64.6, 73.0; D-glucose, 56.5, 67.0, 23.2; D-fructose, 0.0,  
 5.4, 0.0; D-xylose, 14.3, 18.0, 2.4; D-xylose, 20.4,  
 32.6, 51.7; D-xylose, 30.4, 45.7, 30.6; D-xylose, 64.6,  
 33.8, 41.5; D-xylose, 30.4, 43.6, 43.0, 41.2, 45.3; D-  
 ribanose, 17.5, 42.9, 12.7, 25.5, 25.0, 13.7, 42.4, 45.0,  
 24.0. In the case of mannose (in all 3 solvents) the penta-  
 phenylhydrazone was washed with H<sub>2</sub>O, H<sub>2</sub>O, and EtOH,  
 dissolved in 64 cc. pyridine and the soln. add. with 7 cc.  
 EtOH and the reagent soln. from 0.24 g. PhNH<sub>2</sub> added  
 to give 0.63, 0.43, and 0.48 g. I, resp. No I could be ob-  
 tained from D-arabinose or D-fructose in any of the media.

6000

*Methylglucoside*  
The crystal form and m.p. were for the  $\alpha$ -D-glucopyranoside  
of the following alcohols: D-glucose, red needles; 177-3°;  
D-galactose, orange-red tablets; 167-3°; D-mannose, micro-  
scopic, white needles; 174-0°; L-arabinose, fine brown-red  
needles; 173-4°; D-thamnose, brilliant red needles; 170-3°.  
(all products were recrystd. from hot BuOH). L-xylose  
methyl  $\alpha$ -D red needles; 123-4° (mpd) from hot EtOH with  
H<sub>2</sub>O. The soly. of the E in H<sub>2</sub>O at 20° was 6-10 mg/100  
cc.  
F. W. Hoffmann

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EM LEM

~~Major Adam~~ Major Adam

HUNGARY/Organic Chemistry - Naturally Occuring Substances  
and Their Synthetic Analogs.

G-3

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25265

Author : Mester Laszlo, Major Adam

Inst : -

Title : Synthesis of D-Glucosazone Formazan for the Purpose of  
Proving Its Structure.

Orig Pub : Magyar tud. akad. Kem. tud. oszt. kozl., 1957, 8, No 2-3,  
381-383

Abstract : To prove the structure of D-glucosazoneformazan (I),  
obtained from D-glucosazone and  $C_6H_5NCl$  in alkaline al-  
cohol solution, synthesis of I was effected by another  
method. 1.62 g D-glucosone-1-phenylhydrazone (II) were  
dissolved in 16.2 g pyridine, and at  $-5^\circ$  was added a so-  
lution of  $C_6H_5NCl$  (from 0.6 g aniline). After standing  
(30 minutes) the solution was diluted 5-fold with ice  
water, the resulting gummy product was filtered off after

Card 1/3



HUNGARY/Organic Chemistry - Naturally Occuring Substances  
and Their Synthetic Analogs.

G-3

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25265

24 hours, dissolved in 0.3 ml absolute alcohol, and on cooling were obtained the dark red crystals of D-glucose-formazan [N,N'-diphenylformazyl)-D-arabotetrahydroxy-butyl ketone] (III) MP 163°, yield 0.22 g. 0.15 g III were dissolved in mixture of 6 ml glacial CH<sub>3</sub>COOH and 1.5 ml alcohol, with moderate heating, and 0.05 g phenylhydrazine were added. After standing for 4.5 hours, separation took place of violet crystals of I (0.03 g). The mother-liquor was poured in 40 ml water and the precipitate of I that separated was filtered off (yield 0.04 g). On combining these two products crystals were obtained from a solution consisting of 6 parts pyridine and 15 parts ethanol. The identical nature of compounds prepared by these two methods proves not only the structure of I, but also the fact that in the molecule of II the phenylhydrazine residue is added to C(1), since

Card 2/3

HUNGARY/Organic Chemistry - Naturally Occuring Substances  
and Their Synthetic Analogs.

G-3

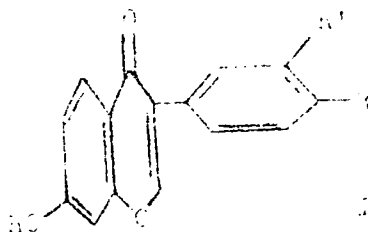
Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25265

only aldehyde-phenylhydrazones yield formazans, while  
ketone-phenylhydrazones do not form formazans. II has  
an open-chain structure. This form is in equilibrium  
with the cyclic 2,6-pyranoxide-form incapable of forming  
a formazan.

Card 3/3

23

COUNTRY : U.S.S.R.  
CATEGORY : Organic Chemistry. Synthetic Organic Chemistry  
ABS. JOUR. : RZhKhim., No. 1 1960, No. 1204  
AUTHOR : Pechko, L.; Malen, A.; Parlos, I.; Vas'ko, J.  
TITLE : A New Synthesis of 10-Phenanthrene  
ORIG. SUB. : Period. polYTEKhn. Chem. Engng, 1958, 3, No. 4,  
232-234  
ABSTRACT : The conversion of phenyl benzyl ketones into  
10-phenanthrenes are carried out according to the







PARKER, Thomas; MOORE, Alan; ELLIOTT, Leslie; VARIADY, Joseph

Analysis of a fragment of a document. It. E. Nagy kem folyoir 65  
no. 3:105-107 Mr. 109

1. It is a fragment of a document. It is a fragment of a document.



MAJOR, A. (Budapest, XI., Gellert ter 4)

Synthesis of natural flavones with 5-, 6-, or 7-hydroxy or methoxy group. Periodica polytechn chem 7 no.2:117-126 '63.

1. Institut fur Organische Chemie, Technische Universitat, Budapest.



FARKAS, Lorand, Jr. (Budapest, XI., Gellert ter 4); VILKÓ, József (Budapest, XI., Gellert ter 4); MAJOR, Adam (Budapest, XI., Gellert ter 4);  
BOTTGEBEN, Agnes (Budapest, XI., Gellert ter 4); SZILÁGYI, János  
(Budapest, XI., Gellert ter 4)

Ring isomerization of flavones and isoflavones in means of potassium ethylate. *Periodica polytechnica chem* 8 no.3:179-182 (1964).

I. Chair of Organic Chemistry of Budapest Technical University.  
Submitted February 5, 1964.

FARKAS, Lorand; MAJOR, Adam

Acylation of active methylene groups. Pt. 3. Magy kem folyoir  
70 no.10:421-422 O '64.

1. Chair of Organic Chemistry, Budapest Technical University.

L 61691-65 EWP(j) RM

ACCESSION NR: AT5022242

HU/2502/64/0041/0004/0445/0449

AUTHOR: Farkas, Lorand (Farkas, L.) (Doctor) (Budapest); Major, Adam (Major, A.) 10  
(Budapest) *BT*

TITLE: Acylation of active methylene groups. Part 3: Extension of the gattermann synthesis of tri- and tetrahydroxyphenyl benzyl ketones

SOURCE: Academiae scientiarum hungaricae. Acta chimica. 41, no.4, 1964, 445-449

TOPIC TAGS: ketone, chemical reaction

ABSTRACT: 2,4,5,6-tetrahydroxyphenyl benzylketone and 2,4,6-trihydroxyphenyl benzylketone were formulated with zinc cyanide and hydrochloric acid in the nucleus. In the tetrahydroxy compound, formylation occurred in the alpha position with respect to the ketone group. Orig. art. has: 5 figures.

ASSOCIATION: Institut für Organische Chemie der Technischen Universität, Budapest  
(Institute for Organic Chemistry at the Technical University)

Card 1/2

L 63691-65

ACCESSION NR: AT5022242

SUBMITTED: 22Apr64

ENCL: 00

SUB CODE: 00,00

NR REF SOV: 000

OTHER: 013

JPRS

*Ann*  
Card 2/2

FARKAS, Lorand; MAJOS, Adam; VEINCS, Borbala

Analysis of the glycosides of asaratin. Pt. 1. *Magy Kem Folyoir*  
71 no.3:98-99 Mr '65.

1. Chair of Organic Chemistry of Budapest Technical University.  
Submitted June 22, 1964.

L 1177-66

ACCESSION NR: AT5025203

HU/2502/64/042/004/0393/0395

5  
B+1

AUTHOR: Farkas, Lorant (Doctor)(Budapest); Major, Adam (Budapest); Vermes, Borbala (Budapest)

TITLE: Studies on the glucosides of acacetine. Part 1: Synthesis of tilianine, a flavone-glucoside of *Tilia japonica* Simonkai

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 42, no. 4, 1964, 393-395

TOPIC TAGS: carbohydrate, organic synthetic process

Abstract:[German article] The glucoside occurring in *Tilia japonica* Simonkai, tilianine, was synthesized with the aim of establishing its structure. The synthesis was accomplished through the preparation of acacetine-7- $\beta$ -D-glucoside-pentaacetate (tilianine pentaacetate). The product was identified by means of the synthesis, and by comparing its ultraviolet spectra with those of the natural material, as 5,7-dihydroxy-4'-methoxyflavone-7- $\beta$ -D-glucoside, with a melting point of 259-262°C. "The authors express their thanks to the Hungarian Academy of Sciences for the support of this work and Chemist I. Bolog-Batta for her accomplishment of the micro analysis." Orig. art. has 1 formula.

Card 1/2

L 1177-66

ACCESSION NR: AT5025203

ASSOCIATION: Institut für Organische Chemie der Technischen Universität, Budapest  
(Institute of Organic Chemistry, Technical University)

SUBMITTED: 15Jul64

ENCL: 00

SUB CODE: OC, GC

NO REF SOV: 000

OTHER: 011

JPRS

SZEKELY, Jozsef, dr.; MAJOR, Andras, dr.

Value of the immunological test (pregnosticon test) in the diagnosis of pregnancy. Orv. hetil. 106 no.11:501-503  
14 Mr'65

1. Pécsi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinika (Szűz: Major, László, dr.).



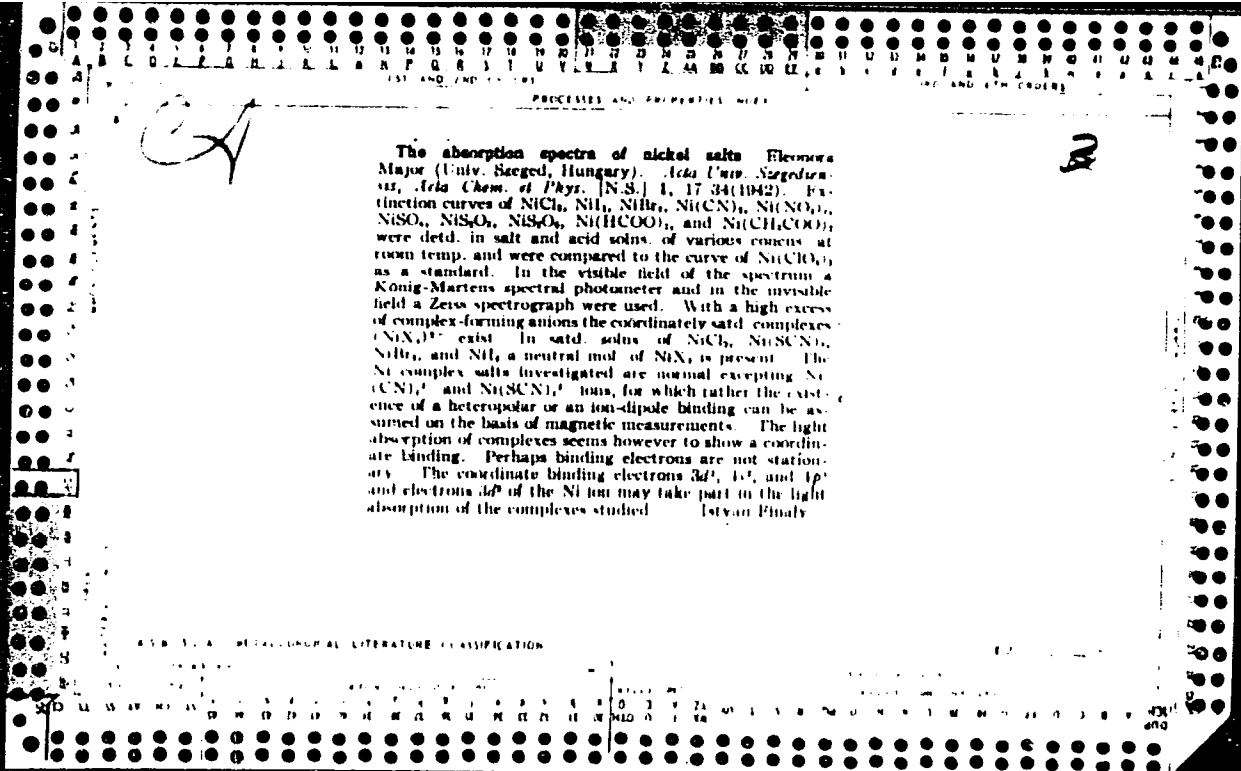
RUMANIA/Human and Animal Physiology - Metabolism.

V-2

Abs Jour : Ref Zhur - Biol., No 4, 1958, 17977  
Author : B. Major, F. Dozy, G. Kozma, S. Magyari and M. Janke  
Inst :  
Title : Daily Changes in Blood Iron Content.  
Orig Pub : Comun. Acad. RPR, 1957, 7, No 2, 267-271

Abstract : Eleven human subjects went without food during the day and took their meals at night with the ordinary intervals between them, during which they slept. It was found that the iron content of the blood decreased gradually and reached its lowest value at about noon of the following day, just as among persons eating at normal hours the maximal reduction in blood iron content occurred toward midnight. Among the individuals who received no food during the day, the iron content of the blood increased toward evening. The daily changes in blood iron content, as the authors note, are associated with food intake.

Card 1/1



Major, E.

✓ 77. Rapid polarographic determination of impurities in lead. E. Major. *Khimiya i Luch.* Vol. 10 (88), 1955, No. 7, pp. 323-325, 3 tabs.

*Major*

A new procedure has been elaborated for determining the impurities in lead which is faster than the conventional lead sulphate method and much more accurate especially for small quantities of impurities. Lead is separated electrolytically from a nitric acid solution in the form of lead peroxide and the impurities in the remaining solution determined by the customary polarographic methods. Only 4 to 5 hours are required for the determination of the impurities, thereby considerable time is saved.



MAS-9.8.

HUNGARY

T (1)

HALMOS, Tamas, Dr, SALAMON, Ferenc, Dr, LCCZKA, Bela, Dr, MAJOR, Eleanora, Dr. chem; Capital City Council; János Hospital, I. Medical Ward (Fovarosí Tanács Janos Korhaz, I. Belosztaly).

"A New Biological Process for the Testin. of Insulin-Like Activity in the Serum."

Budapest, Orvosi Hetlap, Vol 104, No 18, 5 May 63, pages 825-827.

Abstract: [Authors' Hungarian summary] The authors present a new biological test for the determination of insuline-like activity in the serum. The test was developed by the authors. The methodology used for the basis of the new test is presented. Results of the use of the test are discussed. 13 Western references.

11/1

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BERKI, Ervin, dr.; KORANYI, Andras, dr.; LISZKA, Gyorgy, dr. MAJOF,  
Eleonora, dr.

Anorganic content of intact and atherosclerotic aortas. Orv.  
hetil. 106 no.5:291-103 31 Ja '65.

1. Fovarosi Tanacs, Janos Korpaz, I. Belosztaly (Fovaras  
Koranyi, Andras, dr.).

HALMOS, Tamas, dr.; KORANYI, Andras, dr.; LOCZKA, Bela, dr.; SALAMON,  
Ferenc, dr.; MAJOR, Elenora, dr. chem.

On the pathogenesis of hepatogenic hypoglycemia. Orv. hetil. 106  
no.37:1761-1763 12 S'65.

1. Fovarosí Tanács, János Korbácz, I. Belosztály.

MAJCR, F.

Some barely discussed questions of the fuel consumption of motor vehicles.

p. 14. (AUTOMOTOR) Vol. 10, no. 21, Dec. 1957  
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
March 1957



W. S. F.; W. S. F.

Effect of gradients on the fuel consumption of trucks. p.43.

Közlekedéstechnikai Szemle. Közlekedés- és közlekedésegésztudományi  
Egyesület)  
Budapest, Hungary  
Vol. 3, no. 1/2, Jan./Feb. 1957

Monthly List of East European Accessions (Lithuania, Vol. 1, no. 7, July 1957)  
Uncl.

KOVACS, Laszlo, dr.; MAJOR, Ferenc

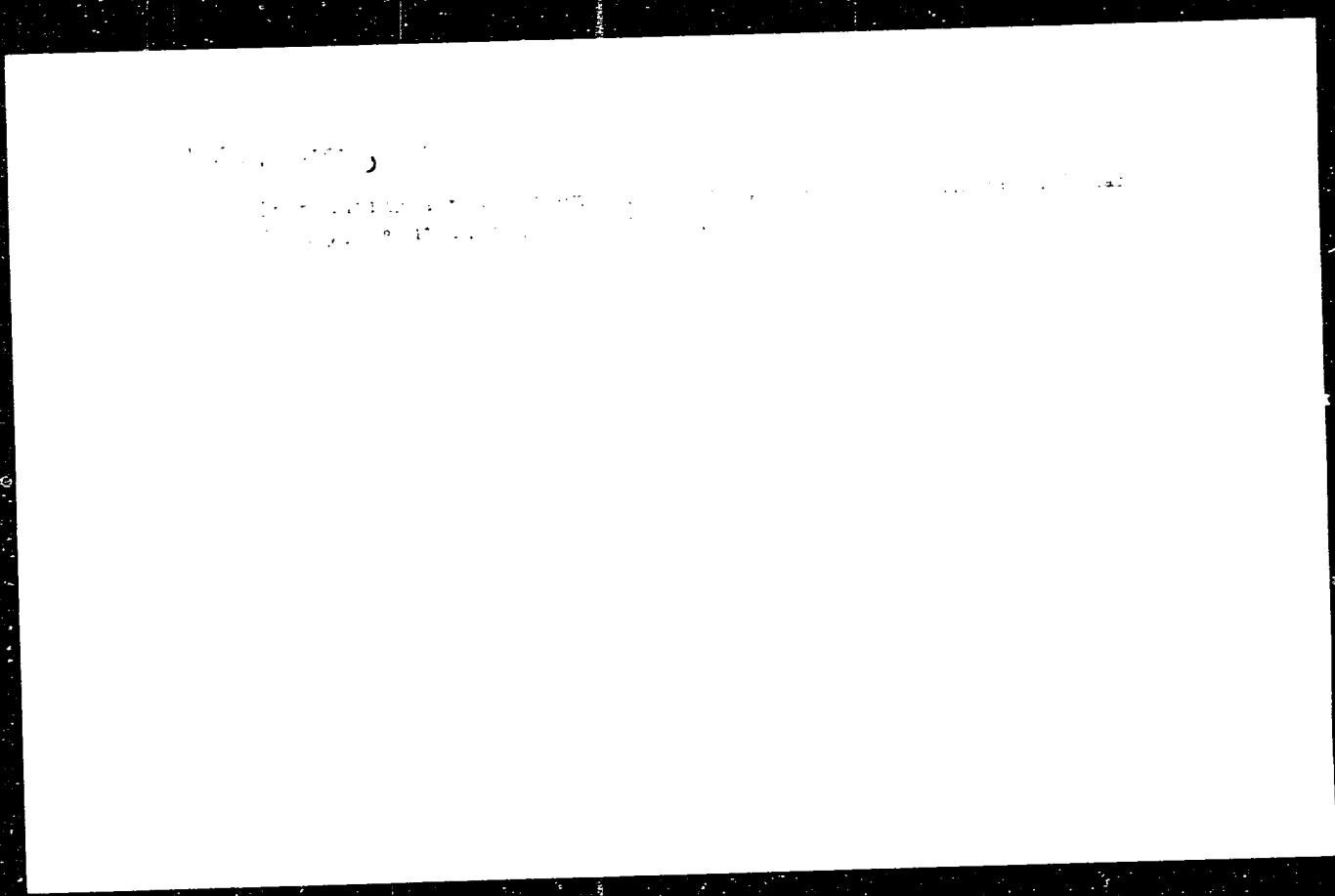
Determination of the duration of economical motor vehicles.  
Jarmu mezo gep 7 no.9:328-335 '60.

1. Autokozlekedesi Tydomanyos Kutato Intezet.

KOVACX, Laszlo, dr., okl. kozgazda; MAJOR, Ferenc, okl. gepeszmernok

Determination of the endurance of motor vehicles from the point of view of economy. Kozl tud sz. 12 no. 2: 67-76 F '62.

1. Autokozlekedesi Tudomanyos Kutato Intezet tudomanyos munkatarsa (for Kovacs) 2. Epitesugyi Miniszterium Szallitasi Igazgatóság munkatarsa (for Major)



MAJHE, Fereidun

Expert in general...  
units passed...  
843 20 7 1945

1. Deputy...  
in the Ministry of...

LANYI, Janos; SZEMEREDY, P.Karoly; BREZONY, Jozsef; PROHASZKA, Laszlo; MUZSNAY, Laszlo, mernok; HIDY, Laszlo, mernok; GAAL, Tibor, mernok; SIMKO, Aldar, mernok; DANCE, Tibor, mernok; MAJOR, Ferenc, mernok; RACZ, Jajos, mernok

Measurement of road vibrations caused by motor vehicles with the aid of seismic instruments. *Geofiz kozl* 3 no.1/11:107-119 '54.

1. Magyar Allami Eotvos Lorand Geofizikai Intezet (for Szemeredy and Brezony). 2. Autokozlekedesi Tudomanyos Kutato Intezet (for Prohaszka, Muzsnay, Hidy, Gaal, Simko, Dancs, Major, Racz).



MAJOR, GABRIELLA

SECRET  
PROHIBITED

AUTHORS: Araki, Akihiko; ~~Maeda, Shiro~~; Shimizu, Shiro

TITLE: Recovery of vanadium from spent catalysts by extraction with  
lower valency

PERIODICAL: Reiki, Kenji; Shimizu, Shiro; Maeda, Shiro; Araki, Akihiko  
[Kobunshi Kagaku] [Tokyo, Japan] 31(1974) 10, 1071-1075, 10  
1071-1075

TEXT: In order to produce pure  $VOCl_2$  (used in the synthesis of poly(vinyl  
vanadium), the initial product is treated several times with a neutral  
nonpolar solvent ( $CCl_4$ ,  $CS_2$  or gas line), and the solution of  $VOCl_2$  and  
and chlorides of vanadium with higher valency separated from the  
undissolved  $VOCl_2$ . The organic phase is then shaken up with water, extract-  
ing the vanadium compounds into an aqueous solution. The regenerated solvent  
is returned for further use, and the compounds of vanadium are precipitated  
from the aqueous phase and reprecipitated into  $VOCl_2$ . [Abstractor's note:  
Complete translation.]

Card 1/1



S/081/62/000/006/032/117  
B102/B101

AUTHORS: Major, Gabriella; Miklós, Ildikó

TITLE: Determination of indium in secondary products of the metallurgical industry and in slags

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 129, abstract 6D86 (Fémipari kutató int. közl. v. 4, 1960, 381-384, 405, 417, 428)

TEXT: A method for the polarographic determination of In has been developed basing on a solution of the sample in aqua regia, precipitation of the hydroxides (including In) by ammonia, solution of the precipitate in HCl and Fe, and Al separation by an ion exchanger. After having separated the interfering impurities, the solution containing In and, perhaps, Sn is evaporated, the background solution is added, and the polarogram is taken. The method is applicable to codetermination of In and Tl. [Abstracter's note: Complete translation.]

Card 1/1



MAJOR, Gy B.

Experiments in laboratory and pilot plant for the preparation of germanium oxide from the wastes of the pyrocatechol production. Albert Horváth, Miklós Nádasy, Gyula Major, and Pál Takács (Néhezvegyipari Kutató Intézet, Veszprém, Hung.). *Magyar Kém. Lapja* 14, 14-17(1950).

The gas liquor from the generators at the iron-plant of Diósgyőr contains 2 g. GeO<sub>2</sub>/cu. m. The liquor is concd. and the pyrocatechol extd. with Et<sub>2</sub>O. GeO<sub>2</sub> (25-30%) comes into the ether-phase and 70-8% remains in the water phase. The ether phase is then distd.; GeO<sub>2</sub> remains in the residue. The GeO<sub>2</sub> content of the residue-ash is 0.2-0.3%. The GeO<sub>2</sub> content of the ash obtained with the distn. of the water from the water phase and incineration of the residue is 1.6%. GeO<sub>2</sub> is distd. from the ashes with HCl. The prepn. of GeO<sub>2</sub> from the distillates is as follows: (a) pptn. with NH<sub>4</sub> sulfide soln. from a 0N HCl soln., reduction to Ge, transform to GeCl<sub>4</sub>, distn. in a column filled with Cu turnings, and hydrolysis of the 83° fraction; (b) distn. of the GeCl<sub>4</sub>, redistn. in a column filled with Cu turnings, and hydrolysis.

L. S. EATRE

6

8/10

MAJOR, I. (Kosice, nam. Osloboditel'ov 18)

Case of induced psychosis. Cesk. psychiat. 55 no.1:52-56 Feb 59.

1. Psychiatricka klinika v Kosiciach.  
(PSYCHOSES, case reports  
induced psychoses in mother by son (Cz))

KLIMO, Z.; ANDRASINOVA, O.; MAJOR, I.-----

Contribution to the problem of toxico-infectious psychoses. Cesk.  
psychiat.56 no.4:217-220 Ag'60.

1. Psychiatricka klinika lekarskej fakulty univerzity P.J.Safarika  
v Kosiciach.

(PSYCHOSES etiol)

(COMMUNICABLE DISEASES compl)

(PSYCHOSES TOXIC)

MAJOR, I.; MEDVECKY, J.; KOLIBAS, E.

Relation of the laterality of alpha-rhythm to hemispheric dominance. Cesk. psychiat. no.61 no.6:378-383 D ' 65.

1. Psychiatricka klinika Lekarskej fakulty University P.J. Safarika, Kosice.

L 44739-66

ACC NR: AP6032878

SOURCE CODE: CZ/0083/65/000/006/0378/0383

AUTHOR: Major, I.--Mayor, I.; Medvecký, J.--Medvetkiy, I.; Kolibas, E.--Kolibash, E.

ORG: Psychiatric Clinic, Medical Faculty, UPJS, Kosice (Psychiatricka klinika lekarskej fakulty UPJS)

TITLE: Relation between the Maternity of the alpha-rhythm and hemisphere dominance

SOURCE: Ceskoslovenska psychiatrie, no. 6, 1965, 379-383

TOPIC TAGS: EEG, brain, injury

ABSTRACT: 955 routine recordings of EEG in patients without an organic lesion showed 40 cases of outspoken assymetry of the alpha-rhythm. In these patients the ectoderm-mesenchym relation on the ocular fundus was examined to determine the genotypically dominant hemisphere. There is a significant relation between the amplitude of the imposed rhythms and the dominant hemisphere. On the dominant side the amplitude of the imposed rhythms is lower. Orig. art. has: 3 figures. [Based on authors' Eng. abst.] [JPRS: 34,161]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 009

Card 1/1 mjs

0920 0375

MAGO, Kalman; REDL, Endre; PAPP, Gyula; MAJOR, Janos; KOMPORDAY, Aurel

Television picture tubes; also remarks by E.Redl and others.  
Muszaki kozl MTA 26 no.1/4:109-122 '60. (EEAI 9:10)

1. Tavkozlesi Kutato Intezet (for Mago)  
(Hungary--Television)



MAJOR, Janos

Measuring methods in television reception techniques. Muszaki kozl  
MTA 26 no.1/4:123-128 '60. (EEAI 9:10)

1. Orion Radiogyar.  
(Television)

MAJOR, Janos

Characteristics of disturbances caused by television receivers;  
methods of measurement and prevention. Hir techn 14 no.1:9-15  
F '63.

1. Orion Radio es Villamossagi Vallalat.

ERDCS, Laszlo, dr.; MAJOR, Janosne

Changes in the immunization of 11-year-old children. Nepe-  
geszsegugy 44 no.10:298-301 0 '63.

(VACCINATION) (TETANUS TOXOID)  
(DIPHTHERIA TOXOID) (PERTUSSIS VACCINE)  
(STATE MEDICINE) (LEGISLATION, MEDICAL)

SZEKELY, Andras, dr., egyetemi adjunktus; BULLA, Bela, dr., egyetemi tanar;  
MAJOR, Jenő, dr.; KOCH, Ferenc, dr., egyetemi tanar;  
TOTH, Aurel, közepiskolai tanar; KAZAR, Leona, tanzekvezeto  
tanar; DUDAR, Tibor; RADO, Sandor, egyetemi tanar, a  
foldrajztudományok doktora; DEZSENYI, Janos, dr.; KARLOCAI, Janos, dr.;  
LANG, Sandor, dr., egyetemi docens, a foldrajztudományok kandidatusa  
(Szeged); KORPAS, Emil, dr., egyetemi docens, a foldrajztudományok  
kandidatusa (Szeged); PENZES, Istvan, dr. (Szeged); KOLTA, Janos, dr.;  
SZABO, Pal Zoltan, dr., foldrajzi tudományok kandidatusa;  
PINCZES, Zoltan, dr.; KADAR, Laszlo, dr.; FRISNYAK, Sandor;  
PEJA, Gyozo, dr., foldrajztudományok kandidatusa

Reports on the work of the Divisions and country sections at  
the 82d general assembly of the Hungarian Geographical Society.  
Foldr kozl 8 no.3:323-336 '60.

1. Magyar Foldrajzi Tarsasag valasztmanyi tagja (for Szekely,  
Toth, Kazar, Karlocai, Lang, Korpas, Kolta, Szabo, Pinczes,  
Peja). 2. Magyar Foldrajzi Tarsasag tarselnoke (for Bulla,  
Koch and Rado). 3. "Foldrajzi Kozlemenyek" szerkeszto  
bizottsagi tagja (for Koch and Rado). 4. Magyar Tudomanyos  
Akademia levelezo tagja (for Bulla). 5. Magyar Foldrajzi  
Tarsasag Termeszeti Foldrajzi Szakosztaly elnoke (for Bulla).  
(Continued on next card)